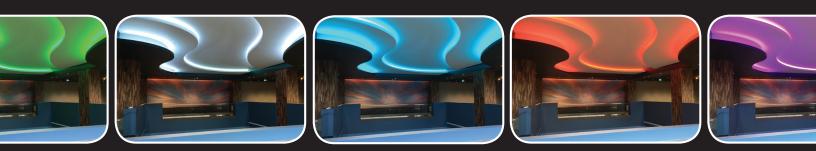
INNOVATIVE LIGHTING SOLUTIONS

NATIONAL SPECIALTY LIGHTING

2018 - 2019



Ø 59.9mm

ARCHITECTURAL AND DECORATIVE LIGHTING

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LED Tape Light High Power Indoor

NSL offers a large variety of LED Tape Light ranging from 2.1 watts per foot to 5.8 watts per foot.

High Power Single Color LTP-20 Series

Features

- 50,000 hours life
- High brightness 5060 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls (custom cuts available)
- Safe, 24V class 2 power supplies (sold separately)
- Fully dimmable with dimmable power supplies (sold separately)
- 20' spools come with 6 ft. pre-soldered power feeds
- 3 year limited warranty

Applications

- Aisle and stairway lighting
- Cabinet and cove lighting
- Back lighting
- Showcase lighting
- · Linear decorative lighting

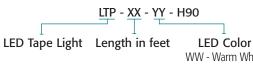
Specifications

Electrical	24V DC, 4.3W/ft
LED Type	High Brightness 5060 SMD LEDs
Viewing Angle	120°
LED Life	50,000 hours to 70% initial lumen output
LED Spacing	16mm
# of LEDs per foot (304mm)	18
Maximum Single Run	20'
Custom Cuttable	4″
Lumen Output	325 Lumens per ft Cool White, 300 Lumens per ft Neutral White 285 Lumens per ft Warm White
Efficacy	75 LPW Cool White, 70 LPW Neutral White, 66 LPW Warm White
Color Temperature	Warm White 3000K, Neutral White 4000K, Cool White 6500K
CRI	> 80 , >90 (H90)
Approvals	cETLus

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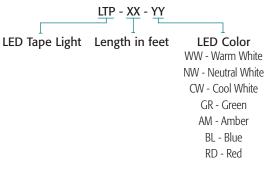
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90 CRI Product Codes

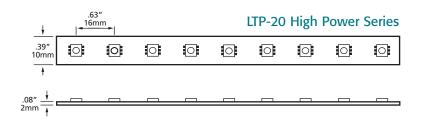


WW - Warm White NW - Neutral White CW - Cool White

80 CRI Product Codes



3





LTP-001-6R 72" Power feed connector for single color indoor. Add "-L" to code for opposite end, add "-CM" for through wall connections.

LTP-001-12R 12FT Power Feed Connector.

LTP-002 In-line connector for single color indoor.



LTP-TBC Terminal block connector for power feed and in-line connections

LTP-STP-6IN 5.9" (15cm) LTP-STP-2IN 2"(5cm) LTP-STP-2 2'(61cm) LTP-STP-12 12'(3.65m) In-line connector for single color indoor.

177



LMSII-001 Terminal block and junction box for connection to additional lengths of power cable if needed.



LTP-010-S Clear PVC mounting "U" channel



LTP-003-6DC DC connector for LED Tape Light with 6" wire and DC connector



LV-SPIR-1CH-LV PIR Motion Sensor, 1 Channel, 24V DC

Indoor/Outdoor Dimmable Drivers

TRE24L40DC

Max recommended load 36W or 8' LED Tape Light, min 8W or 2' LED Tape Light 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE24L96DC

Max recommended load 90W or 20' LED Tape Light, min 8W or 2' LED Tape Light 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

Non Dimmable Drivers

LEDDR-24-120W

Indoor/Outdoor driver Max. recommended load 90W or 20' (6.1m) per single tap, 120W or 27' (8.23m) combined two secondary taps. 120W hardwire Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

Non-dimmable Plug In Drivers

LMS-24-18W LMS-24-60W

LED Tape Light Low Power Indoor

NSL offers a large variety of LED Tape Light ranging from 2.1 watts per foot to 5.8 watts per foot.

Low Power Single Color LTP-20-LP Series

Features

- 50,000 hours life
- High brightness 5060 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls (custom cuts available)
- Safe, 24V class 2 power supplies (sold separately)
- Fully dimmable with dimmable power supplies (sold separately)
- 20' spools come with 6 ft. pre-soldered power feeds
- 3 year limited warranty

Applications

- Aisle and stairway lighting
- Cabinet and cove lighting
- Back lighting
- Showcase lighting
- · Linear decorative lighting



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Specifications	
Electrical	24V DC, 2.1W/ft
LED Type	High Brightness 5060 SMD LEDs
Viewing Angle	120°
LED Life	50,000 hours to 70% initial lumen output
LED Spacing	32mm
# of LEDs per foot (304mm)	9
Maximum Single Run	40'
Custom Cuttable	6.5″
Lumen Output	165 Lumens per ft Cool White, 150 Lumens per ft Neutral White 145 Lumens per ft Warm White
Efficacy	75 LPW Cool White, 72 LPW Neutral White, 66 LPW Warm White
Color Temperature	Warm White 3000K, Neutral White 4000K, Cool White 6500K
CRI	> 80 , >90 (H90)
Approvals	cETLus

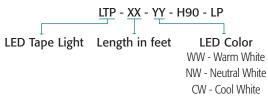
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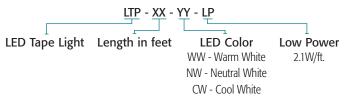
+240 +240

GND

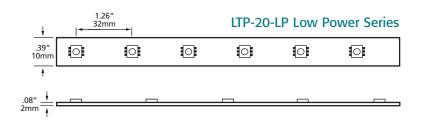
90 CRI Product Codes



80 CRI Product Codes



NATIONAL SPECIALTY LIGHTING • www.nslusa.com





LTP-001-6R 72" Power feed connector for single color indoor. Add "-L" to code for opposite end, add "-CM" for through wall connections.

LTP-001-12R 12FT Power Feed Connector.



LTP-002 In-line connector for single color indoor.



LTP-TBC Terminal block connector for power feed and in-line connections



LTP-STP-6IN 5.9" (15cm) LTP-STP-2IN 2"(5cm) LTP-STP-2 2'(61cm) LTP-STP-12 12'(3.65m) In-line connector for single color indoor.



LMSII-001 Terminal block and junction box for connection to additional lengths of power cable if needed.



LTP-010-S Clear PVC mounting "U" channel



LTP-003-6DC DC connector for LED Tape Light with 6" wire and DC connector



LV-SPIR-1CH-LV PIR Motion Sensor, 1 Channel, 24V DC

Indoor/Outdoor Dimmable Drivers

TRE24L40DC

Max recommended load 36W or 16' LED Tape Light, min 8W or 4' LED Tape Light 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE24L96DC

Max recommended load 90W or 40' LED Tape Light, min 8W or 4' LED Tape Light 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

Non Dimmable Drivers

LEDDR-24-120W Indoor/Outdoor driver Max. recommended load 90W or 40' (12.1m) per single tap, 120W or 56' (17m) combined two secondary taps. 120W hardwire Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

Non-dimmable Plug In Drivers

LMS-24-18W LMS-24-60W

LED Tape Light High Power RGB Indoor

NSL offers a large variety of LED Tape Light ranging from 2.1 watts per foot to 5.8 watts per foot.

High Power RGB LTP-20-RGB Series

Features

- 50,000 hours life
- High brightness 5060 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls
- 20' spools come with 6 ft. pre-soldered power feeds
- Safe, 24V class 2 power supplies (sold separately)
- · Controllers sold separately
- 3 year limited warranty

Applications

- · Aisle and stairway lighting
- · Cabinet and cove lighting
- Back lighting
- Showcase lighting
- Linear decorative lighting

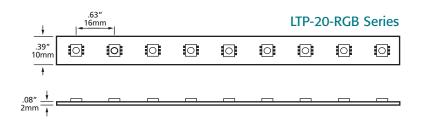
Specifications

Electrical	24V DC, 4.3W/ft
LED Type	High Brightness 5060 SMD LEDs
Viewing Angle	120°
LED Life	50,000 hours to 70% initial lumen output
LED Spacing	16mm
# of LEDs per foot (304mm)	18
Maximum Single Run	20'
Custom Cuttable	4″
CRI	> 80
Approvals	cETLus

NOTE: Controllers and signal amplifiers on page 119.

Product Codes LTP - 20 - YY LED Tape Light LED Color RGB - Color Change







LTP-001-RGB-6R 72" Power feed connector for RGB indoor. Add "-L" for opposite end.



LTP-002-RGB In-line connector for RGB indoor.

LTP-001-RGB-6IN 6" In-line connector for RGB indoor. LTP-001-RGB-2IN 2" In-line connector for RGB indoor.



LMSII-001 Terminal block and junction box for connection to additional lengths of power cable if needed.



LV-RF103EXSS 6" RF extension cable for RGB Tape Light



LTP-010-S

"U" channel

Clear PVC mounting

LT-O9S-RF 6 Key RGB "touch" controller 12/24V DC



LN-CON-WIFI-3CH-XV WiFi controller for RGB, CCT, and dimming, c/w RF remote 12/24VDC



LEDDR-24-120W Indoor/Outdoor driver Max. recommended load 90W or 20' (6.1m) per single tap, 120W or 27' (8.23m) combined two secondary taps. 120W hardwire Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

LED Tape Light High Power RGBW Indoor

NSL offers a large variety of LED Tape Light ranging from 2.1 watts per foot to 5.8 watts per foot.

High Power RGBW LTP-20-RGBW Series

Features

- 50,000 hours life
- High brightness 5050 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls
- RGB color change plus WW, NW, CW color temperatures
- + 20' spools come with 6 ft. pre-soldered power feeds
- Safe, 24V class 2 power supplies (sold separately)
- 3 year limited warranty

Applications

- · Aisle and stairway lighting
- Cabinet and cove lighting
- Back lighting
- Showcase lighting
- Linear decorative lighting

Specifications

Electrical	24V DC, 3.5W/ft
LED Type	High Brightness 5050 SMD LEDs
Viewing Angle	120°
LED Life	50,000 hours to 70% initial lumen output
LED Spacing	16mm
# of LEDs per foot (304mm)	18
Maximum Single Run	20'
Color Temperature	RGBWW = 3000K RGBNW = 4000K RGBCW = 6500K
Custom Cuttable	4"
CRI	> 80
Approvals	cETLus

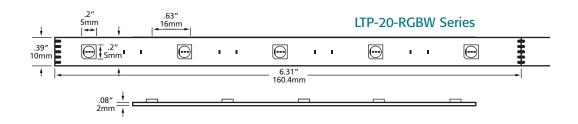
NOTE: Controllers and signal amplifiers on page 119.

Product Codes

<u>LTP</u> - 20 - RGBXX

LED Tape Light

LED Color WW - Warm White NW - Neutral White CW - Cool White







LTP-001-RGBW-6 72" Power feed connector for RGBW indoor.

LTP-001-RGBW-12 144" Power feed connector for RGBW indoor.

LTP-002-RGBW In-line connector for RGBW indoor.

LTP-001-RGBW-6IN

6" In-line connector for

RGBW indoor.



LMSII-001 Terminal block and junction box for connection to additional lengths of power cable if needed.



LTP-010-S Clear PVC mounting "U" channel



LT-11S-RF RGBW controller



Non Dimmable Drivers

LEDDR-24-120W Indoor/Outdoor driver Max. recommended load 90W or 25' (7.6m) per single tap, 120W or 34' (10m) combined two secondary taps. 120W hardwire Input: 100 - 240V AC

Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

LED Tape Light Low Power RGB Indoor

NSL offers a large variety of LED Tape Light ranging from 2.1 watts per foot to 5.8 watts per foot.

Low Power RGB LTP-20-RGB-LP Series

Features

- 50,000 hours life
- High brightness 5060 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls
- 20' spools come with 6 ft. pre-soldered power feeds
- Safe, 24V class 2 power supplies (sold separately)
- 3 year limited warranty

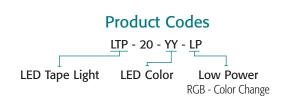
Applications

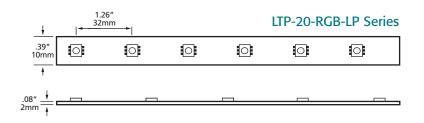
- · Aisle and stairway lighting
- · Cabinet and cove lighting
- Back lighting
- Showcase lighting
- Linear decorative lighting

Specifications

Electrical	24V DC, 2.1W/ft
LED Type	High Brightness 5060 SMD LEDs
Viewing Angle	120°
LED Life	50,000 hours to 70% initial lumen output
LED Spacing	32mm
# of LEDs per foot (304mm)	9
Maximum Single Run	40'
Custom Cuttable	6.5″
CRI	> 80
Approvals	cETLus

NOTE: Controllers and signal amplifiers on page 119.







LTP-001-RGB-6R 72" Power feed connector for RGB indoor. Add "-L" for opposite end.



LTP-002-RGB In-line connector for RGB indoor.



LTP-001-RGB-6IN 6" In-line connector for RGB indoor. LTP-001-RGB-2IN 2" In-line connector for RGB indoor.



LMSII-001 Terminal block and junction box for connection to additional lengths of power cable if needed.



LV-RF103EXSS 6" RF extension cable for RGB Tape Light



LTP-010-S

"U" channel

Clear PVC mounting

LT-O9S-RF 6 Key RGB "touch" controller 12/24V DC



LN-CON-WIFI-3CH-XV WiFi controller for RGB, CCT, and dimming, c/w RF remote 12/24VDC



LEDDR-24-120W

Indoor/Outdoor driver Max. recommended load 90W or 40' (12.1m) per single tap, 120W or 56' (17m) combined two secondary taps. 120W hardwire Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

LED Tape Light CCT Indoor



NSL offers a large variety of LED Tape Light ranging from 2.1 watts per foot to 5.8 watts per foot.

CCT Color Temp Adjust Series

Features

- 50,000 hours life
- High brightness 3528 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 16' (4.88m) rolls
- + $\,$ 16' spools come with 6 ft. pre-soldered power feeds
- Safe, 24V class 2 power supplies (sold separately)
- Controller sold separately
- 3 year limited warranty

Applications

- · Aisle and stairway lighting
- · Cabinet and cove lighting
- Back lighting
- Showcase lighting
- Linear decorative lighting

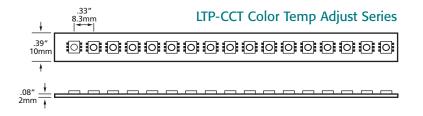
Specifications

Electrical	24V DC, 5.8W/ft
LED Type	High Brightness 3528 SMD LEDs
Viewing Angle	120°
LED Life	50,000 hours to 70% initial lumen output
LED Spacing	8.3mm
# of LEDs per foot (304mm)	36
Maximum Single Run	16'
Custom Cuttable	2″
Lumen Output	300 Lumens per ft average
Color Temperature	2500K – 7000K
CRI	> 80
Approvals	cETLus

NOTE: Controllers and signal amplifiers on page 119.

Product Codes

LTP - 16 - YY LED Tape Light LED Color CCT - Color Adjust





LTP-001-CCT-6 6' Power feed connector for CCT series indoor.



In-line connector for CCT series indoor.



LTP-010-S Clear PVC mounting "U" channel

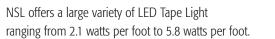


LT-031-RF 6 Key CCT Adjustable "touch" controller 12/24V DC

Non Dimmable Drivers

LEDDR-24-120W Indoor/Outdoor driver 16' (4.88m) per single tap, 20' (6.1m) combined two secondary taps. 120W hardwire Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

LED Tape Light High Power Outdoor



High Power Single Color LTP-OD Series

Features

- 50,000 hours life
- High brightness 5060 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls
- Safe, 24V class 2 power supplies (sold separately)
- Fully dimmable with dimmable power supplies (sold separately)
- 3 year limited warranty

Applications

- Aisle and stairway lighting
- · Cabinet and cove lighting
- Back lighting
- Showcase lighting
- Linear decorative lighting

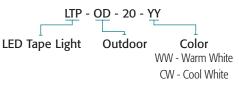
Specifications

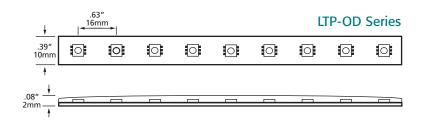
Electrical	24V DC, 4.3W/ft
LED Type	High Brightness 5060 SMD LEDs
Viewing Angle	120°
LED Life	50,000 hours to 70% initial lumen output
LED Spacing	16mm
# of LEDs per foot (304mm)	18
Maximum Single Run	20'
Custom Cuttable	4″
Lumen Output	325 Lumens per ft Cool White, 285 Lumens per ft Warm White
Efficacy	75 LPW Cool White, 66 LPW Warm White
Color Temperature	Warm White 3000K, Cool White 6500K
CRI	> 80
Approvals	cETLus

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DIMMABLE

Product Codes







LTP-001-OD-6FT 72" Power feed connector for single color outdoor



LMS11-001 Terminal block connector and junction box



LV-FS-MC-004 Mounting clips



End caps



LTP-010-S Clear PVC mounting "U" channel



LV-SPIR-1CH-LV PIR Motion Sensor, 1 Channel, 24V DC

Indoor/Outdoor Dimmable Drivers

TRE24L40DC

Max recommended load 36W or 8' LED Tape Light, min 8W or 2' LED Tape Light 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE24L96DC

Max recommended load 90W or 20' LED Tape Light, min 8W or 2' LED Tape Light 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

NOTE: For outdoor installations, please add E-KO-SR strain relief.

Non Dimmable Drivers

LEDDR-24-120W Indoor/Outdoor driver Max. recommended load 90W or 20' (6.1m) per single tap, 120W or 27' (8.23m) combined two secondary taps. 120W hardwire Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

LED Tape Light Low Power Outdoor

NSL offers a large variety of LED Tape Light ranging from 2.1 watts per foot to 5.8 watts per foot.

Low Power Single Color LTP-OD-LP Series

Features

- 50,000 hours life
- High brightness 5060 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls
- Safe, 24V class 2 power supplies (sold separately)
- Fully dimmable with dimmable power supplies (sold separately)
- 3 year limited warranty

Applications

- Aisle and stairway lighting
- · Cabinet and cove lighting
- Back lighting
- Showcase lighting
- Linear decorative lighting

Specifications

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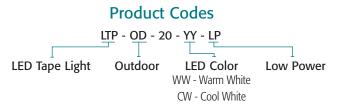
Electrical	24V DC, 2.1W/ft
LED Type	High Brightness 5060 SMD LEDs
Viewing Angle	120°
LED Life	50,000 hours to 70% initial lumen output
LED Spacing	32mm
# of LEDs per foot (304mm)	9
Maximum Single Run	40'
Custom Cuttable	6.5″
Lumen Output	165 Lumens per ft Cool White, 145 Lumens per ft Warm White
Efficacy	75 LPW Cool White, 66 LPW Warm White
Color Temperature	Warm White 3000K, Cool White 6500K
CRI	> 80
Approvals	cETLus

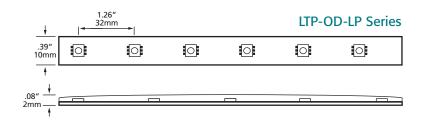
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DIMMABLE

+240 +240

GND







LTP-001-OD-6FT 72" Power feed connector for single color outdoor



Terminal block connector and junction box



LV-FS-MC-004 Mounting clips



LV-FS-EC-001 End caps



LTP-010-S Clear PVC mounting "U" channel



LV-SPIR-1CH-LV PIR Motion Sensor, 1 Channel, 24V DC

Indoor/Outdoor Dimmable Drivers

TRE24L40DC

Max recommended load 36W or 16' LED Tape Light, min 8W or 4' LED Tape Light 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE24L96DC

Max recommended load 90W or 40' LED Tape Light, min 8W or 4' LED Tape Light 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

NOTE: For outdoor installations, please add E-KO-SR strain relief.

Non Dimmable Drivers

LEDDR-24-120W Indoor/Outdoor driver Max. recommended load 90W or 40' (12.1m) per single tap, 120W or 56' (17m) combined two secondary taps. 120W hardwire Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

LED Tape Light RGB Outdoor

NSL offers a large variety of LED Tape Light ranging from 2.1 watts per foot to 5.8 watts per foot.

High Power RGB Outdoor LTP-OD-RGB Series

Features

- 50,000 hours life
- High brightness 5060 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls
- Safe, 24V class 2 power supplies (sold separately)
- 3 year limited warranty

Applications

- Aisle and stairway lighting
- Cabinet and cove lighting
- Back lighting
- Showcase lighting
- Linear decorative lighting

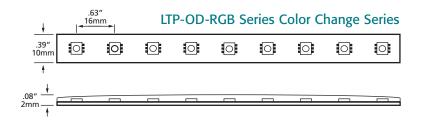
Specifications

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Electrical	24V DC, 4.3W/ft
LED Type	High Brightness 5060 SMD LEDs
Viewing Angle	120°
LED Life	50,000 hours to 70% initial lumen output
LED Spacing	16mm
# of LEDs per foot (304mm)	18
Maximum Single Run	20'
Custom Cuttable	4″
CRI	> 80
Approvals	cETLus

NOTE: Controllers and signal amplifiers on page 119.









LTP-RGB-001-OD-6FT 72" Power feed connector for RGB outdoor



LV-FS-MC-004 Mounting clips



LV-FS-EC-001 End caps



LTP-010-S Clear PVC mounting "U" channel



LT-O9S-RF 6 Key RGB "touch" controller 12/24V DC



LN-CON-WIFI-3CH-XV WiFi controller for RGB, CCT, and dimming, c/w RF remote 12/24VDC

Non Dimmable Drivers

LEDDR-24-120W Indoor/Outdoor driver Max. recommended load 90W or 20' (6.1m) per single tap, 120W or 27' (8.23m) combined two secondary taps. 120W hardwire Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

LED Tape Light Low Power RGB Outdoor

NSL offers a large variety of LED Tape Light ranging from 2.1 watts per foot to 5.8 watts per foot.

Low Power RGB LTP-OD-RGB-LP Series

Features

- 50,000 hours life
- High brightness 5060 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls
- Safe, 24V class 2 power supplies (sold separately)
- 3 year limited warranty

Applications

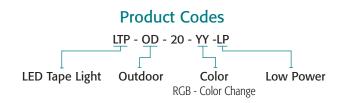
- Aisle and stairway lighting
- Cabinet and cove lighting
- Back lighting
- Showcase lighting
- Linear decorative lighting

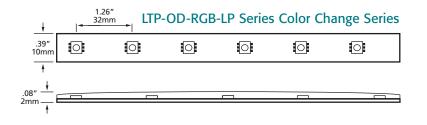
Specifications

-

Electrical	24V DC, 2.1 W/ft
LED Type	High Brightness 5060 SMD LEDs
Viewing Angle	120°
LED Life	50,000 hours to 70% initial lumen output
LED Spacing	32mm
# of LEDs per foot (304mm)	9
Maximum Single Run	40'
Custom Cuttable	6.5"
CRI	> 80
Approvals	cETLus

NOTE: Controllers and signal amplifiers on page 119.







LTP-RGB-001-OD-6FT 72" Power feed connector for RGB outdoor



LV-FS-MC-004 Mounting clips



LV-FS-EC-001 End caps



LTP-010-S Clear PVC mounting "U" channel



LT-O9S-RF 6 Key RGB "touch" controller 12/24V DC



LN-CON-WIFI-3CH-XV WiFi controller for RGB, CCT, and dimming, c/w RF remote 12/24VDC

Non Dimmable Drivers

LEDDR-24-120W Indoor/Outdoor driver Max. recommended load 90W or 40' (12.1m) per single tap, 120W or 56' (17m) combined two secondary taps. 120W hardwire Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

High Density LED Tape Light High Power Indoor



NSL offers a large variety of LED Tape Light ranging from 2.1 watts per foot to 5.8 watts per foot.

High Density Single Color LTP-HD Series





specifications	
Electrical	24V DC, 5.8 W/ft
LED Type	High Brightness 3528 Epistar LEDs
Viewing Angle	120°
LED Life	50,000 hours to 70% initial lumen output
LED Spacing	4.2mm
# of LEDs per foot (304mm)	72
Maximum Single Run	16.4'
Custom Cuttable	1″ (25mm)
Lumen Output	514 Lumens per ft Cool White, 450 Lumens per ft Warm White, 468 Lumens per ft Neutral White
Efficacy	88 LPW Cool White, 80 LPW Neutral White, 77 LPW Warm White
Color Temperature	Warm White 3000K, Neutral White 4000K, Cool White 6500K
CRI	> 80
Approvals	cETLus

Product Codes

LTP - 16 - YY - HD LED Tape Light LED Color WW - Warm White NW - Neutral White

CW - Cool White

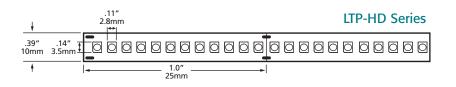
Linear Lighting

Features

- 50,000 hours life
- High brightness 3528 Epistar LEDs
- Field cuttable
- Low power consumption
- Available in 16.4' (5m) rolls (custom cuts available)
- 16.4' spools come with 6Ft pre-soldered power feeds
- Safe, 24V class 2 power supplies (sold separately)
- Fully dimmable with dimmable power supplies (sold separately)
- 3 year limited warranty

Applications

- · Aisle and stairway lighting
- · Cabinet and cove lighting
- Back lighting
- Showcase lighting
- · Linear decorative lighting





LTP-001-HD-HP-6 72" Power feed connector for high density indoor



LMSII-OO1 Terminal block and junction box for connection to additional lengths of power cable if needed.



LTP-010-S Clear PVC mounting "U" channel



LV-SPIR-1CH-LV PIR Motion Sensor, 1 Channel, 24V DC

Indoor/Outdoor Dimmable Drivers

TRE24L40DC

Max recommended load 36W or 6' LED Tape Light, min 8W or 2' LED Tape Light 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE24L96DC

Max recommended load 90W or 16' LED Tape Light, min 8W or 2' LED Tape Light 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

Non Dimmable Drivers

LEDDR-24-120W

Indoor/Outdoor driver Max. recommended load 90W or 16' (4.8m) per single tap, 120W or 20' (6.1m) combined two secondary taps. 120W hardwire Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

High Density LED Tape Light Low Power Indoor



D25 D2

NSL offers a large variety of LED Tape Light ranging from 2.1 watts per foot to 5.8 watts per foot.

High Density Single Color LTP-HD-LP Series

Features

- 50,000 hours life
- High brightness 3528 Epistar LEDs
- Field cuttable
- Low power consumption
- Available in 16.4' (5m) rolls (custom cuts available)
- 16.4' spools come with 6Ft pre-soldered power feeds
- Safe, 24V class 2 power supplies (sold separately)
- Fully dimmable with dimmable power supplies (sold separately)
- 3 year limited warranty

Applications

- Aisle and stairway lighting
- Cabinet and cove lighting
- Back lighting
- Showcase lighting
- · Linear decorative lighting

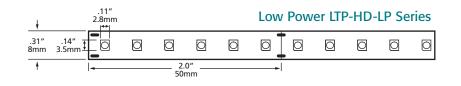
Specifications

Electrical	24V DC, 2.9 W/ft
LED Type	High Brightness 3528 Epistar LEDs
Viewing Angle	120°
LED Life	50,000 hours to 70% initial lumen output
LED Spacing	8.3mm
# of LEDs per foot (304mm)	36
Maximum Single Run	31'
Custom Cuttable	2″ (50mm)
Lumen Output	257 Lumens per ft Cool White, 225 Lumens per ft Warm White, 234 Lumens per ft Neutral White
Efficacy	88 LPW Cool White, 80 LPW Neutral White, 77 LPW Warm White
Color Temperature	Warm White 3000K, Neutral White 4000K, Cool White 6500K
CRI	> 80
Approvals	cETLus

Product Codes

LED Tape Light LED Co WW - Warr NW - Neutr

LED Color WW - Warm White NW - Neutral White CW - Cool White





LTP-001-HD-6 72" Power feed connector for high density indoor



LTP-002-HD In-line connector for high density indoor



LTP-STP-HD-6IN 6" In-line connector for high density indoor.



LMSII-OO1 Terminal block and junction box for connection to additional lengths of power cable if needed.



LTP-010-S Clear PVC mounting "U" channel



LV-SPIR-1CH-LV PIR Motion Sensor, 1 Channel, 24V DC

Indoor/Outdoor Dimmable Drivers

TRE24L40DC

Max recommended load 36W or 12' LED Tape Light, min 8W or 3' LED Tape Light 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE24L96DC

Max recommended load 90W or 31' LED Tape Light, min 8W or 3' LED Tape Light 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

Non Dimmable Drivers

LEDDR-24-120W

Indoor/Outdoor driver Max. recommended load 90W or 31' (9.4m) per single tap, 120W or 41' (12.5m) combined two secondary taps. 120W hardwire Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

LED Tape Light Extrusions

LV-LB-D3-FR

Surface mount aluminum extrusion and frosted PC cover



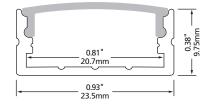
0.59" 0.59" 0.79" 0.79" 0.79" LV-ALP2208

Surface mount aluminum extrusion and frosted PC cover



End Caps LV-ALP2208-EC LV-ALP2208-EC-WF Mounting Clips

LV-ALP2208-MC



LV-ALP007

Surface mount aluminum extrusion and frosted PC cover



End Caps LV-ALP007-EC LV-ALP007-EC-WF

Mounting Clips LV-ALP007-MC

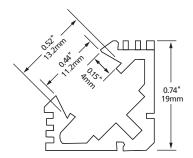
LV-LB-V3-FR

Corner surface mounted aluminum extrusion and frosted PC cover

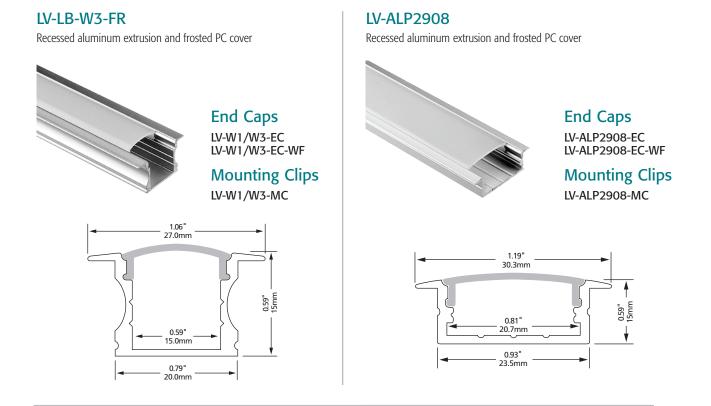


End Caps LV-V1/V3-EC LV-V1/V3-EC-WF

Mounting Clips LV-V1/V3-MC



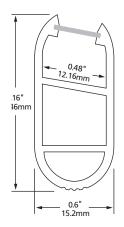




LV-1401

Closet aluminum extrusion with mounting brackets and frosted PC cover





1M (39") extrusion ships complete with two mounting end caps and one support bracket

LED eStrip

LED eStrip is our most versatile linear lighting product. Now with 3014 type LEDs, LED eSTRIP is brighter and better than ever!





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DIMMABLE

Features

- 40,000 hours life
- Safe low voltage (24V)
- Virtually maintenance free
- Ultra low power consumption
- Crushproof to 100psi
- Field cuttable
- Inter-connectable
- Highly flexible (min. bend radius 1.5")
- Indoor/outdoor use
- Impact resistant
- Six brilliant colors
- Dimmable
- 2 year limited warranty

Applications

- Building outlines
- Coves
- · Stairway and aisle lighting
- Signage
- Backlit panels
- Decks
- Edgelit glow
- Emergency lighting
- Pathway lighting
- Billboards
- Highlighting architectural features
- Over/Under cabinets

Specifications

Electrical	24V DC, 0.96W/ft
Viewing Angle	120°
LED Life	40,000 hours
LED Spacing	1″ (25.4mm)
Maximum length	90' (27.4m)
Cutting Lengths	6" (152.4mm)
Lumen Output	61 Lumens per ft. Cool White 55 Lumens per ft. Warm White
LED Colors	Amber, Red, Blue, Green, Cool White, Warm White
Min/Max Surface Temperature for Mounting	-40°C – 40°C (-40°F – 104°F)
PVC body color	Clear
Dimensions	.25" X .5" (6mm x 12mm)
Approvals	cETLus

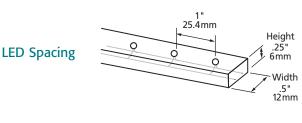
Color Specifications

Color		Product Code
Amber	590 nm	LES-XX-AM
Red	630 nm	LES-XX-RD
Blue	465 nm	LES-XX-BL
Pure Green	525 nm	LES-XX-GR
Cool White	5800K (± 200K)	LES-XX-CW
Warm White	3000K (± 200K)	LES-XX-WW

Product Codes

LES - XX - YY LED eStrip Strip Length

Color of LED WW - Warm White CW - Cool White BL - Blue RD - Red GR - Green AM - Amber





LES-001-6BR Outdoor 6' Power connector for burial connections, 1/4" x 1/2" (6mm x 12mm). Comes with end cap

LES-001-6CL Indoor 6' Power connector for through wall connections



LMSII-001 Terminal block and junction box for connection to additional lengths of power cable if needed.



LES-001-12BR Outdoor Power connector, with SJTW-2 12 ft wires 1/4" x 1/2" (6mm x 12mm) Comes with end cap LES-001-12CL Indoor 12' Power connector

for through wall connections



LES-STP-2BR Outdoor 2' Step cord for burial connections LES-STP-2CL Indoor 2' Step cord (shown) for through wall connections



LES-STP-12BR Outdoor 12' Step cord (shown) for burial connections LES-STP-12CL Indoor 12' Step cord for through wall connections



LES-FLEX-BR Outdoor Step cord for burial connections

LES-FLEX-CL Indoor Step cord (shown) for through wall connections



LES-BFLN L type connector, 1/4" X 1/2" (6mm x 12mm)



LES-002 In-Line connector set, male and female, 1/4" X 1/2" (6mm x 12mm)



LES-BFTD T type connector, 1/4" X 1/2" (6 x 12mm), male connector in bottom



LES-003-2 Cutting end cap, 0.25" X 0.5" (6mm x 12mm) LES-003-3 Molded end cap (not shown)



LES-BFTR T type connector, 1/4" X 1/2" (6 x 12mm), male connector in right or left



LES-005 Wood nail clips, 1/4" X 1/2" (6mm x 12mm)



LES-008 Tie wrap and mounting saddle



LES-BFXN X type connector, 1/4" X 1/2" (6mm x 12mm)



LES-BFDN 6 x 12mm splice kit (pins, pad and shrink tube)



LES-010 4' plastic mounting channel, indoor use LES-010-S Predrilled with screws LES-010-T With double sided tape

NN-C10-POLY For outdoor use

Indoor/Outdoor Dimmable Drivers

TRE24L40DC Max 37.5' (11.4m) Min 8 Watts, 9' LED eStrip (2.7m) 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE24L96DC Max 90' (27.4m) Min 8 Watts, 9' LED eStrip (2.7m) 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

NOTE: For outdoor installations, please add E-KO-SR strain relief.

Non Dimmable Drivers

LEDDR-24-120W

Indoor/Outdoor driver Max 90' (27.4m) per single tap Max 120' (36.5m) combined 2 secondary taps Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

LES-24-65W

Indoor Plug In Driver Input: 100-240V AC Output: 24V DC 4.7" x 2" x 1.3" (119.4 x 50.8 x 33mm)

High Power LED eStrip

New High Power eStrip with twice the lumen output of our regular eSTRIP!





Features

- 40,000 hours life
- Safe low voltage (24V)
- Virtually maintenance free
- Ultra low power consumption
- Crushproof to 100psi
- Field cuttable
- Inter-connectable
- Highly flexible (min. bend radius 1.5")
- Indoor/outdoor use
- Impact resistant
- Dimmable
- 2 year limited warranty

Applications

- Building outlines
- Coves
- Stairway and aisle lighting
- Signage
- Backlit panels
- Decks
- Edgelit glow
- Emergency lighting
- Pathway lighting
- Billboards
- Highlighting architectural features
- Over/Under cabinets

Specifications

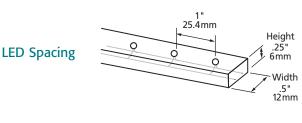
Electrical	24V DC, 2.2W/ft
Viewing Angle	120°
LED Life	40,000 hours
LED Spacing	1″ (25.4mm)
Maximum length	40' (12m)
Cutting Lengths	6" (152.4mm)
Lumen Output	155 Lumens per ft. Cool White 137 Lumens per ft. Warm White
LED Colors	Cool White, Warm White
Min/Max Surface Temperature for Mounting	-40°C – 40°C (-40°F – 104°F)
PVC body color	Clear
Dimensions	.25" X .5" (6mm x 12mm)
Approvals	cETLus

Color Specifications

Color		Product Code
Cool White	5800K (± 200K)	LESHP-XX-CW
Warm White	3000K (± 200K)	LESHP-XX-WW

Product Codes

LE	<u>SHP - XX - YY</u>	
High Power LED eStrip	Strip Length 40 - 40ft.	Color of LED WW - Warm White
		CW - Cool White





LES-001-6BR Outdoor 6' Power connector for burial connections, 1/4" x 1/2" (6mm x 12mm). Comes with end cap

LES-001-6CL Indoor 6' Power connector for through wall connections



LMSII-001 Terminal block and junction box for connection to additional lengths of power cable if needed.



LES-001-12BR Outdoor Power connector, with SJTW-2 12 ft wires 1/4" x 1/2" (6mm x 12mm) Comes with end cap LES-001-12CL Indoor 12' Power connector

for through wall connections



LES-STP-2BR Outdoor 2' Step cord for burial connections LES-STP-2CL Indoor 2' Step cord (shown) for through wall connections



LES-STP-12BR Outdoor 12' Step cord (shown) for burial connections LES-STP-12CL Indoor 12' Step cord for through wall connections



LES-FLEX-BR Outdoor Step cord for burial connections

LES-FLEX-CL Indoor Step cord (shown) for through wall connections



LES-BFLN L type connector, 1/4" X 1/2" (6mm x 12mm)



LES-002 In-Line connector set, male and female, 1/4" X 1/2" (6mm x 12mm)



LES-BFTD T type connector, 1/4" X 1/2" (6 x 12mm), male connector in bottom



LES-003-2 Cutting end cap, 0.25" X 0.5" (6mm x 12mm) LES-003-3 Molded end cap (not shown)



LES-BFTR T type connector, 1/4" X 1/2" (6 x 12mm), male connector in right or left



LES-005 Wood nail clips, 1/4" X 1/2" (6mm x 12mm)



LES-008 Tie wrap and mounting saddle



LES-BFXN X type connector, 1/4" X 1/2" (6mm x 12mm)



LES-BFDN 6 x 12mm splice kit (pins, pad and shrink tube)



LES-010 4' plastic mounting channel, indoor use LES-010-S Predrilled with screws LES-010-T With double sided tape

NN-C10-POLY For outdoor use

Indoor/Outdoor Dimmable Drivers

TRE24L40DC Max 16' (4.8m) Min 8 Watts, 4' LED eStrip (1.2m) 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE24L96DC Max 40' (12.1m) Min 8 Watts, 4' LED eStrip (1.2m) 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

NOTE: For outdoor installations, please add E-KO-SR strain relief.

Non Dimmable Drivers

LEDDR-24-120W

Indoor/Outdoor driver Max 40' (12m) per single tap Max 54' (16.4m) combined 2 secondary taps Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

LES-24-65W

Indoor Plug In Driver Input: 100-240V AC Output: 24V DC 4.7" x 2" x 1.3" (119.4 x 50.8 x 33mm)

RGB LED eStrip

RGB eSTRIP utilizes RGB LEDs allowing you to produce dramatic color change effects for building outlines, architectural features or anywhere eye catching color changing display lighting is needed.



Features

- 40,000 hours life
- Safe low voltage (24V)
- Virtually maintenance free
- Ultra low power consumption
- Crushproof to 100psi
- Field cuttable
- Inter-connectable
- Highly flexible (min. bend radius 1.5")
- Indoor/outdoor use
- Impact resistant
- 2 year limited warranty

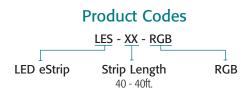
Applications

- Building outlines
- Coves
- Stairway and aisle lighting
- Signage
- Backlit panels
- Decks
- Edgelit glow
- Emergency lighting
- Pathway lighting
- Billboards
- Highlighting architectural features
- Over/Under cabinets

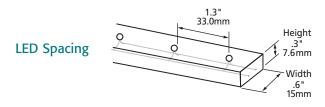
Specifications

•	
Electrical	24V DC, 2.2W/ft
Viewing Angle	120°
LED Life	40,000 hours
LED Spacing	1.3″ (33mm)
Maximum length	40' (12m)
Cutting Lengths	8" (198mm)
LED Colors	RGB
Min/Max Surface Temperature for Mounting	-40°C – 40°C (-40°F – 104°F)
PVC body color	Clear
Dimensions	.3" X .6" (7.6mm x 15mm)
Approvals	cETLus

NOTE: Controllers and signal amplifiers on page 119.



NOTE: Sold in 2ft. increments





LES-BTFN Female connector



LES-BTMN Male connector



LES-BTSN In line connector



1.5' Power connector



LES-STFN Female end cap



LES-BTMC-G4-SI Signal in connector for RGB eStrip connection to outdoor signal amplifier

LES-STPV-T

Clear PVC mounting

"U" channel (1M)



LES-BTMC-G4-SO Signal out connector for RGB eStrip connection to outdoor signal amplifier



LES-SNPT Wood nail clips, 1/4" X 1/2" (6mm x 12mm)



LES-001-OD-6FT Power feed connector for connection to outdoor signal amplifier

LES-C-6

Tie wrap



LES-STCN Cutting end cap

LES-MX-1

Allen key



TCJ-E06 6' (1.8m) Extension cord **TCJ-E30** 30' (9.1m) Extension cord



LT-O9S-RF 6 Key RGB "touch" controller 12/24V DC



LN-CON-WIFI-3CH-XV WiFi controller for RGB, CCT, and dimming, c/w RF remote 12/24VDC

Non Dimmable Drivers

LEDDR-24-120W

Indoor/Outdoor driver Max 40' (12.1m) per single tap Max 54' (16.46m) combined 2 secondary taps Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

LED Globe Light

LED Globe Light is a Marquee style decorative string light designed for the toughest of weather conditions.





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DIMMABLE

Features

- 50,000 hours life
- Low power consumption
- Safe class 2, 24V power supply
- Field cuttable
- Multiple lamp spacings available
- Durable construction for indoor and outdoor use
- 2 year limited warranty

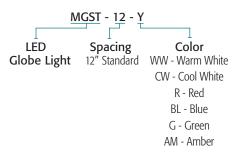
Applications

- Building outlines
- String across patios, walk ways, streets and public areas
- Under soffits
- Bridges
- Architectural features
- Window decorations
- Decks and patios

Specifications

DC, .5W
tly wired to class 2, 24V power supply
black SPT2, 16AWG outdoor rated
0 hours
(45.6M) Not to exceed 180 lamps
mens
umens per Watt
White 6000K, Warm White 2700K Blue, Green and Amber also available request
to 65°C

Product Codes



NOTE: Custom spacing available on request.

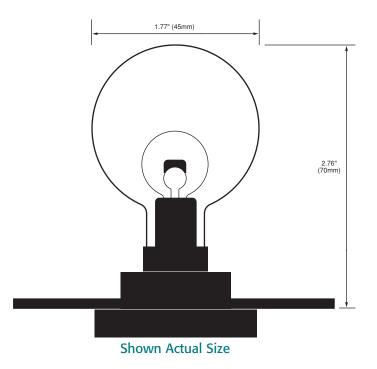
Globe Light Assembly Product Codes <u>MGST</u> - Y

LED Globe Light

Color WW - Warm White CW - Cool White R - Red BL - Blue G - Green AM - Amber

Outdoor Rated Cable

for attaching Globe Light Lamp Assemblies ST16W





MGST-XX-LAMP Replacement lamp

ST16W Outdoor rated cable for DIY mounting of LED Globe Light



MGST-Y LED Globe Light lamp assembly (Specify color – see product codes)

MGTP Double sided tape (Bag of 50 pieces)



MGEC End cap for wire (Bag of 10)



MGNC Wood nail mounting clip (Bag of 100)



MGWC Tie wrap for mounting to wire (Bag of 100)

Indoor/Outdoor Dimmable Drivers

TRE24L40DC

Min 8 Watts, 16 Globes Max number of Globes = 80 40 Watts 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE24L96DC

Min 8 Watts, 16 Globes Max number of Globes = 180 96 Watts 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

NOTE: For outdoor installations, please add E-KO-SR strain relief.

Non Dimmable Drivers

LEDDR-24-120 Indoor/Outdoor driver Max number of Globes = 180* 120W hardwire Input: 100 - 240V AC Output: 24V DC 120 Watts 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

* 180 on a single tap or 200 combined two secondary taps.



LED Wedge Light

LED Wedge Light is a robust all-weather product, ideal for building outlines and other decorative lighting applications.





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DIMMABLE

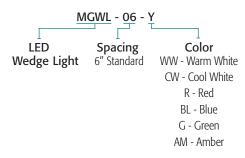
Features

- 50,000 hours life
- Low power consumption
- Safe class 2, 12V power supply
- Field cuttable
- Multiple lamp spacings available
- Durable construction for indoor and outdoor use
- Available in Cool White and Warm White
- Optional Red, Blue, Green & Amber LEDs are also available
- 2 year limited warranty

Applications

- Building outlines
- Under soffits
- Bridges
- Architectural features
- Coves
- Window decorations
- Decks and patios

Product Codes



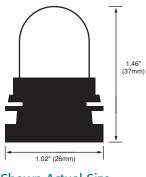
NOTE: Custom spacing available on request.

Specifications

Electrical	12V DC, .25W
Wiring	Directly wired to class 2, 24V power supply
Cable	PVC black SPT2, 16AWG outdoor rated
LED Life	50,000 hours
Maximum length	150' (45.6M) Not to exceed 200 lamps
Lumen Output	15 lumens
Efficacy	60 Lumens per Watt
CRI	> 80
LED Colors	Cool White 6000K, Warm White 2700K Red, Blue, Green and Amber also available upon request
Operating Temperature	-25°C to 65°C
Approvals	cETLus

Wedge Light Assembly Product Codes MGWL - Y

LED Wedge Light Color WW - Warm White CW - Cool White R - Red BL - Blue G - Green AM - Amber



Shown Actual Size

Accessories



MGWL-XX-LAMP Replacement Lamp

ST16W Outdoor rated cable for DIY mounting of LED Wedge Light



MGWL-Y LED Wedge Light lamp assembly (Specify color – see product codes)

MGTP Double sided tape (Bag of 50 pieces)



MGEC End cap for wire (Bag of 10).



MGNC Wood nail mounting clip (Bag of 100)



MGWC Tie wrap for mounting to wire (Bag of 100)

Indoor/Outdoor Dimmable Drivers

TRE12L20DC

Min 8 Watts, 32 Wedges Max number of Wedges = 80 20 Watts 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE12L60DC

Min 8 Watts, 32 Wedges Max number of Wedges = 200 60 Watts 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

NOTE: For outdoor installations, please add E-KO-SR strain relief.

Non Dimmable Drivers

LEDDR-12-60 Indoor/Outdoor driver Max number of Wedges = 200 60W hardwire Input: 100 - 240V AC Output: 12V DC 9 11/16" x 2 9/16" x 2 1/16" (246 x 65 x 52mm)

Gen 2 LED Hard Strip

Gen 2 LED Hard Strip is a new and improved energy efficient linkable strip, that provides a smooth, even lighting, eliminating any hot spots. Encased in an aluminum casing, the LED's are cool to the touch and provide 120° beam spread. Available in 4 sizes.

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DIMMABLE

Features

- 50,000 hours life
- Use high brightness 0.5W Epistar LEDs as lighting source
- Even light distribution with 120° viewing angle
- 24V DC
- 4 sizes 11 13/16", 19 11/16", 39 3/8", 47 1/4"
- Convenient connector between two strips
- Diffused frosted lens to reduce glare
- Temperature rating: -35C 50C
- 3 year limited warranty

Specifications

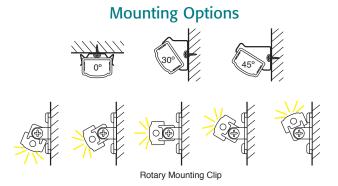
P	pplications	
•	Under Counter	

- Display Cases
- Cabinet Interiors
- Work Stations
- Linear interior decorative lighting

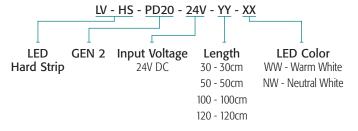
Specifications				
	LV-HS-PD20-24V-30-XX*	LV-HS-PD20-24V-50-XX*	LV-HS-PD20-24V-100-XX*	LV-HS-PD20-24V-120-XX*
Input Voltage (V DC)	24			
Power per strip	4W	7W	13W	16W
LED Qty. per strip	36	60	132	156
Lumens (lm) Neutral White Warm White	400 380	664 621	1066 1036	1150 1100
Color Temperature Warm White Neutral White	3000K +/- 200K 4200K +/- 200K			
Viewing Angle	120°			
Lens	Frosted			
Size (inch)	11 13/16″	19 11/16″	39 3/8″	47 1/4"

* XX = LED color: WW = Warm White (3000K), NW = Neutral White (4200K)

NOTE: Each Hard Strip bar ships with 2pcs of 0° mounting clips and one end cap.



Product Codes







LV-HS-PD20-PF1-12 12" Power Feed for LED Hard Strip single color, Bar -DC plug power supply



LV-HS-PD20-PF1-39 39" Power Feed for LED Hard Strip single color, Bar -DC plug power supply



LV-HS-PD20-PF1-HW 39" Power Feed for LED Hard Strip single color, Bar - Hard wire power supply



LV-HS-PD20-PC1-12 12" Power Connector for LED Hard Strip single color, Bar - Bar



LV-HS-PD20-PC1-39 39" Power Connector for LED Hard Strip single color, Bar - Bar



LV-HS-PD20-PC1-3 3" Power Connector for LED Hard Strip Single Color, Bar - Bar



LV-HS-CN-3DC Connector for Hard Strip, with 12" wire lead and 3 DC connectors LV-HS-CN-2DC

Connector for Hard Strip, with 12" wire lead and 2 DC connectors



LV-HS-EC End Cap for LED Hard Strip



LV-HS-MCO Mounting clip (2pk)



LV-HS-MC30 Mounting clip 30° (2pk)



LV-HS-MC45 Mounting clip 45° (2pk)



LV-HS-MCRT Rotary Mounting clip (2pk)

Non Dimmable Portable Drivers

LP-HSDR-36-24-PC

36W plug-in driver, 24V, DC Portable Driver, 1.5A output, 100V–240V input voltage; with six foot (72") power cord to polarized 2-prong AC plug and 60" lead wire to DC plug and switch cUL/us Listed

LP-HSDR-60-24-PC

60W plug-in driver, 24V, DC Portable Driver, 2.5A output, 100V–240V input voltage; with six foot (72") power cord to polarized 2-prong AC plug and 60" lead wire to DC plug and switch cUL/us Listed

Dimmable Drivers

TRE24L40DC Max recommended load 36W, min_8W LED Hard Strin

min. 8W LED Hard Strip 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE24L96DC Max recommended load 90W, min. 8W LED Hard Strip

6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

Non Dimmable Drivers

LEDDR-24-120W

Indoor/Outdoor driver Max. recommended load 90W per single tap, 120W combined two secondary taps. 120W hardwire Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm

LED Thin Star

An elegantly thin fixture that provides excellent task lighting capabilities with a slim profile.





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DIMMABLE

Features

- Available in: 6 LED (11" / 281mm) 12 LED (21.8" / 553mm)
- 40,000 hour lamp life
- Low power consumption of 3.5W and 7.0W per respective lengths
- · cETLus listed for indoor surface mount locations
- Available in White, Black, Bronze and Brushed Aluminum finishes
- Warm White 3000K color temperature
- · Safe 24V class 2 operation
- Easy installation with double sided tape or mounting screws provided with fixture
- · Quick connect joiners in various lengths for easy wiring
- Ultra slim profile
- Dimmable
- 3 year limited warranty

Applications

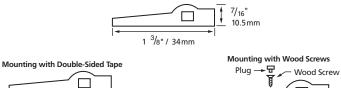
- Shelves
- Display cases
- Under cabinets
- Above cabinets
- Accent lighting
- Work stations
- Podiums and consoles

Specifications

-	LTH-6-YY	LTH-12-YY
Power consumption	3.5W (Max.)	7.0W (Max.)
Current	0.12A	0.24A
Voltage	24V	DC
LED Type	56	30
LED Life	40,000) hours
LED Number	6 pcs	12 pcs
LED CRI	>	80
Luminous flux (lm) (+/-10% tolerance)	155 lm	300 lm
Luminous Efficiency	44 lm/w	43 lm/w
Illumination @ 45cm (+/- 10% tolerance)	345 Lux	594 Lux
CRI	>	80
LED Colors	Warm White (3	5000K +/- 200K)
Fixture Color	Aluminum / Black / White / Bronze	
Lens	Clear Glass	
Mounting	Double sided tape and wood screws (included)	
Size	1 1/8" x 1 3/8" x 7/16" (281 x 34 x 11mm)	21 7/8" x 1 3/8" x 7/16" (553 x 34 x 11mm)
Approvals	cETLus	

Product Codes

LED Thin Star 6 - 6 LED (11") 12 - 12 LED (21 7*/8") BK - Black BZ - Bronze WH - White





Push Plug Out

Accessories



LTH-JOIN-WH White Joiner Male/Male LTH-JOIN-BN Brown Joiner Male/Male LTH-JOIN-BK Black Joiner Male/Male



Paper Backing

LTH-001-6-WH White Power Supply Cords Female (from Driver) 6' (1.83m) LTH-001-12-WH

White Power Supply Cords Female (from Driver) 12' (3.6m)



LTH-001-6-BN Brown Power Supply Cords Female (from Driver) 6' (1.83m)

LTH-001-12-BN Brown Power Supply Cords Female (from Driver) 12' (3.6m)



LTH-001-6-BK Black Power Supply Cords Female (from Driver) 6' (1.83m)

LTH-001-12-BK Black Power Supply Cords Female (from Driver) 12' (3.6m)



LTHMM-1.5-WH White Connector Cords Male/Male (between fixtures) LTHMM-1.5-WH - 1.5' (45.7cm) LTHMM-3-WH - 3' (91.4cm) LTHMM-6-WH - 6' (1.83m)



LTHMM-1.5-BN Bronze Connector Cords Male/Male (between fixtures) LTHMM-1.5-BN - 1.5' (45.7cm) LTHMM-3-BN - 3' (91.4cm) LTHMM-6-BN - 6' (1.83m)



LTHMM-1.5-BK Black Connector Cords Male/Male (between fixtures) LTHMM-1.5-BK - 1.5' (45.7cm) LTHMM-3-BK - 3' (91.4cm) LTHMM-6-BK - 6' (1.83m)



WSC-004 Wire Screw Clips



LMSII-001 Terminal block and junction box for connection to additional lengths of power cable if needed.

Dimmable Drivers

TRE24L40DC

Max. recommended load 36 watts or 60 Thin Star LEDs Min. recommended load 8 watts or 18 Thin Star LEDs (see number of LEDs per fixture in specs) 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

Non Dimmable Drivers

LTH-24-65W 65W plug in Maximum 10 pcs LTH-6, maximum 5 pcs LTH-12 or any combination up to 60 LEDs Input: 100 – 240 V AC Output: 24 V DC 4 3/4" x 2 1/2" x 1 1/2" (120mm x 58mm x 38mm)

LED Britestrip

NSL's popular Britestrip provides the ultimate in linear lighting systems.



DIMMABLE

Features

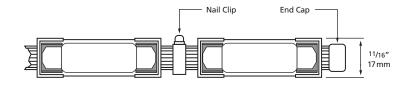
- Indoor use only
- 0.52W, 24V LED modules for up to 85% energy savings
- 3, 4 or 5 lamps per foot models
- · Snap in lamp holders for easy lamp replacement
- MR-11 lamp adaptors for hi-lighting items in showcases
- Mounts with 3M double sided tape or mounting clips
- Parallel wiring means loss of one bulb does not affect others •
- Field cuttable
- 50,000 hour average lamp life
- Fully dimmable with dimmable power supply (sold separately)
- 2 year limited warranty

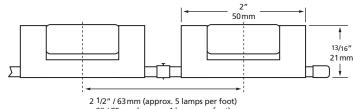
Applications

- Under cabinets
- Above cabinets
- Showcase lighting
- Cove lighting
- Indirect lighting
- Sign back lighting
- Shelf lighting
- Decorative accents

Product Codes

LED Britestrip	Lamps/Ft 2 - 2 bulbs/ft. 3 - 3 bulbs/ft. 4 - 4 bulbs/ft.	Strip Length Custom length or 100 - 100' spool	Light Strip Color WH - White BK - Black





2 1/2" / 63mm (approx. 5 lamps per foot) 3" / 75mm (approx. 4 lamps per foot) 4" / 100mm (approx. 3 lamps per foot)

Lamp Product Codes

Festoon Lamps – LED Average Lamp Life: 50,000 hours Maximum Single Run: 158 LED festoon modules (82 Watts)

LBL-24-.5CW 24V, 0.52W, 5000-5300K, 36 lumens output

LBL-24-.5WW 24V, 0.52W, 2300-2600K, 32 lumens output





BL-001/WH White Assembly Kit (required to ship with every cut). Includes junction box, terminal block and end cap. 2.2"L x 1.8"W x 1"H (55.9 x 45.7 x 25.4mm) **BL-001/BK** Black Assembly Kit



BL-003/WH White End caps BL-003/BK Black End Caps



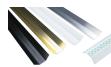
Mounting Options



Double Sided Tape on every socket



BL-005/WH White Nail Clips BL-005/BK Black Nail Clips



BLF-4-BA BLF-4-PB BLF-4-GW BLF-4-GB Britestrip Reflector. Sold in 4' lengths only. Custom cutting for pieces less than 4' available.



BLCOVE-4-GW Cove Reflector. Sold in 4' lengths only. Custom cutting for pieces less than 4' available.

Dimmable Drivers

TRE24L40DC

Max 76 LED Britestrip lamps, Min 16 LED Britestrip lamps 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE24L96DC

Max 180 LED Britestrip lamps, Min 16 LED Britestrip lamps 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

Non Dimmable Drivers

LEDDR-24-120W

Indoor driver Max. 110 LED Britestrip lamps Single secondary tap, max. 185 total Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 55.6mm)

Xenon Britestrip

NSL's popular Britestrip provides the ultimate in linear lighting systems. With a bend radius of 5.75 cm (inside or outside), Xenon Britestrip can evenly illuminate the tightest of curved surfaces. Even 90 degree corners are simple to do. The lamp holders have a metal reflector built in which deflects heat away from the mounting surface and reflects light onto the surface being illuminated.

Features

- Safe 24V operation
- · Flexible design allows for wide variety of applications
- Parallel wiring means loss of a bulb does not affect remaining strip
- · Snap in bulb socket design for ease of installation and replacement
- Field cuttable
- Simple, safe, effective terminal blocks and covers for connecting to power
- Each socket has its own $3M^{\ensuremath{\text{\tiny B}}}$ double sided tape for mounting
- Optional nail clips for wood or porous surfaces
- 1 year limited warranty

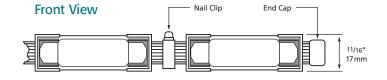
Applications

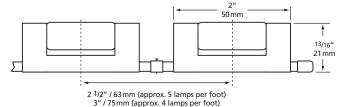
- Under cabinets
- Above cabinets
- Showcase lighting
- Cove lighting
- Indirect lighting
- Sign back lighting
- Shelf lighting
- Decorative accents

Product Codes

<u>LBL</u> - <u>Z</u> - <u>XX/YY</u>				
⊥ Xenon Britestrip	Bulbs/Ft 2 - 2 bulbs /ft.	Strip Length Custom length or	Light Strip Color	
-	3 - 3 bulbs /ft. 4 - 4 bulbs /ft.	100 - 100' spool	Wh - White BK - Black	





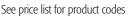


3" / 75mm (approx. 4 lamps per foot) 4" / 100mm (approx. 3 lamps per foot)

Lamps

Festoon Lamps – Xenon

Average Lamp Life (24 volt, 3W): 10,000 hours Average Lamp Life (24 volt, 5W): 15,000 hours Maximum Single Run: 200 watts







BL-001/WH White Assembly Kit BL-001/BK Black Assembly Kit Required to ship with every cut. Includes junction box, terminal block and end cap. 2.2"L x 1.8"W x 1"H (55.9 x 45.7 x 25.4mm)



BL-003/WH White End caps BL-003/BK Black End Caps



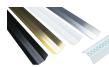
Mounting Options



Double Sided Tape on every socket



BL-005/WH White Nail Clips BL-005/BK Black Nail Clips



BLF-4-BA BLF-4-PB BLF-4-GW BLF-4-GB Britestrip Reflector. Sold in 4' lengths only. Custom cutting for pieces less than 4' available.



BLCOVE-4-GW Cove Reflector. Sold in 4' lengths only. Custom cutting for pieces less than 4' available.

Power Supplies

Use "TR" or "TECLT" transformers

LED Task Star PRO Color CHANGEABLE

LTSPRO is constructed with aluminum housing and a matte polycarbonate diffuser. This sleek fixture features edge lit technology which means no hot spots on the polished marble or granite counter top.



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DIMMABLE

Features

- 50,000 hours life
- Adjustable to 3 color temperatures: 2700K, 3300K and 4000K (warm white to cool white)
- Dimmable with most ELV dimmers
- Comes with High / Low Switch
- Low power consumption
- Edge Lit technology eliminates hot spots smooth luminance
- Fast and easy installation quick connects, captive mounting holes
- · Comes with cord and plug as well as knockouts for hardwire
- 3/8" connector provided
- Shallow profile conceals fixture
- Linkable up to 400 watts. Each fixture ships with 8" jumper cable and end-to-end connector
- 90 CRI the best in the business!
- Available in 6 sizes 9", 12", 18", 24", 32" and 40"
- cETLus and Energy Star listed
- 3 year limited warranty

Applications

- Under cabinet task light
- Over cabinet accent light
- · Display cases and exhibits
- Merchandising
- Indirect accent light
- Wall units and bars
- Office work stations

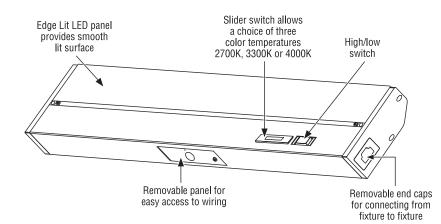
Specifications	
Input Voltage	120V AC
Power Consumption	9'' = 3W 12'' = 5W 18'' = 8W 24'' = 12W 32'' = 16W 40'' = 20W
Power Factor	0.95
LEDs	Epistar
LED Life	50,000 hours
CCT	2700K – 4000K
Lumen Output	9" = 150 - 200 Lumens 12" = 250 - 300 Lumens 18" = 380 - 450 Lumens 24" = 650 - 700 Lumens 32" = 850 - 900 Lumens 40" = 950 - 1000 Lumens
CRI	> 90
Cover Finish	Extruded Aluminum housing / High impact PC plastic end caps / Matte white polycarbonate diffuser
Appearance Size (L x W x H)	9" - 9" x 3.5" x 1" (22.9 x 8.9 x 2.5cm) 12" - 12" x 3.5" x 1" (30.5 x 8.9 x 2.5cm) 18" - 18" x 3.5" x 1" (45.7 x 8.9 x 2.5cm) 24" - 24" x 3.5" x 1" (61.0 x 8.9 x 2.5cm) 32" - 32" x 3.5" x 1" (81.3 x 8.9 x 2.5cm) 40" - 40" x 3.5" x 1" (101.6 x 8.9 x 2.5cm)
Approvals	cETLus listed and Energy Star rated

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Specifications

Product Codes

LTSPR	<u>0</u> - <u>XX</u> – <u>YY</u>	
LED Task Star PRO	Size	Trim Finish
	9 - 9″	WH - White
	12 - 12″	BK - Black
	18 - 18"	BZ - Bronze
	24 - 24"	SN - Satin Nickel
	32 - 32″	
	40 - 40″	



Accessories (ordered separately)



LTSPRO-J-12*

12" jumper cable

LTSPRO-J-18* 18" jumper cable LTSPRO-J-24*

24" jumper cable

LTSPRO-J-32* 32" jumper cable



72" replacement power cord and plug



Hardwire junction box for LTSPRO fixtures - allows for direct wiring installation, eliminating the visible household wire. Add (-BK) at the end of part number for black finish.



RC-01 3/8" Romex connector

* NOTE: add (-BK) at the end of part number for black cable.

**Each fixture ships with one 8" jumper cable, one end-to-end connector and one 3/8" Romex connector.

Replacement Parts

LTSPRO-SW-BK (HI-OFF-LOW) Replacement Rocker Switch, Black

LTSPRO-SW-WH (HI-OFF-LOW) Replacement Rocker Switch, White

LED Task Star

All of the convenience and light output of traditional task lights with the benefits of dimmable LED technology. There are no remote or internal LED drivers to worry about as the replaceable modules work directly off of line voltage. Simply connect directly to 120 Volt power.



Save up to 80% in energy consumption with same light output as 18 watt xenon!



Features

- Dimmable with most ELV dimmers
- Low power consumption as low as 5.2 watts per module
- Warm White color temperature (3100K +/- 200)
- 40,000 hour useful lamp life
- Fast and easy installation push in terminals for hard . wire connection
- 120 volt through wiring
- Available in 1, 2, 3, 4 & 5 LED module units •
- Secure hinged lens •
- · Captive mounting screws in lamp compartment
- · Available in 4 colors: White, Bronze, Black and Brushed Aluminum
- 3 year limited warranty

Applications

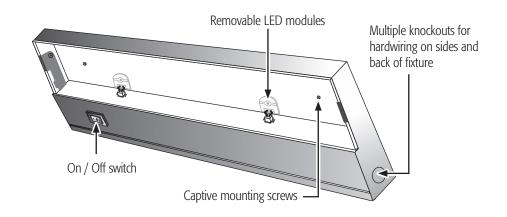
- Under cabinet task light
- Over cabinet accent light
- · Display cases and exhibits
- Merchandising
- Indirect accent light •
- · Wall units and bars
- Office work stations

Specifications

1	
Electrical	Input: AC 120V 5.2 watts per LED module
LED Life	40,000 hours
Number of LED modules per fixture	1 – 5
Lumen Output	175 lumens/module
Color Temperature	3100K +/-200
CRI	≥ 80
LED Color	Warm White
LED Angle	125 degrees
Replacement LED Module	LEDMOD-32-FF
Product Finish	Black & White: Powder Coating Aluminum, Bronze: Anodized
Lens	Frosted Glass
Dimensions (L x W x H) 1 LED Module Task Star 2 LED Module Task Star 3 LED Module Task Star 4 LED Module Task Star 5 LED Module Task Star	9" x 4 5/8" x 1 1/2" (229 x 113 x 39mm) 17 1/2" x 4 5/8" x 1 1/2" (445 x 113 x 39mm) 26" x 4 5/8" x 1 1/2" (659 x 113 x 39mm) 34 1/2" x 4 5/8" x 1 1/2" (875 x 113 x 39mm) 38 1/2" x 4 5/8" x 1 1/2" (967 x 113 x 39mm)
Approvals	cETLus listed

Product Codes

LTS - X - HW/YY				
LED Task Star	Number of	Wiring Option	Finish	
	LED Modules	HW - Hard Wire	WH - White	
	1 - 1 LED Module		BK - Black	
	2 - 2 LED Modules		BZ - Bronze	
	3 - 3 LED Modules		AL - Aluminum	
	4 - 4 LED Modules			
	5 - 5 LED Modules			



Available in 1, 2, 3, 4 and 5 module units.



LEDMOD-32-FF Warm white LED replacement module 3100K ± 200

Xenon Task Light

Xenon Task Light (XTL) is the perfect affordable solution for under cabinet, counter and shelf lighting. Xenon bulbs burn significantly cooler, have four times the lamp life and are half the cost of halogen.



Features

- Safety low pressure 18 watt xenon lamps that burn cooler than halogen
- 10,000 hours lamp life
- Easily dimmable
- Fast and easy installation push in terminals for wire connection, snap on covers
- 120 volt through wiring
- Available in 1, 2, 3, 4 & 5 lamp units
- Hinged lens for easy relamping
- Captive mounting screws included in bulb compartment
- Available in 4 colors: White, Bronze, Black and Brushed Aluminum
- 1 year limited warranty

Applications

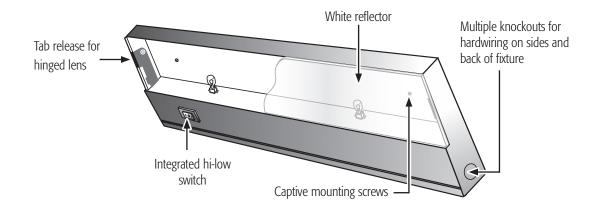
- Under cabinet task light
- Over cabinet accent light
- Display cases and exhibits
- Merchandising
- Indirect accent light
- Wall units and bars
- Office work stations

Specifications

Specifications	
Operating Voltage	120V AC
Energy Usage	XTL-1 = 18W XTL-2 = 36W XTL-3 = 54W XTL-4 = 72W XTL-5 = 90W
Max. Number of bulbs per Circuit	Hardwire units can be daisy chained up to 66 bulbs or 1188 watts
Replacement Lamp	12 V, 18 W, product code XEN-12-18W
Product Material	Aluminum body, ABS end covers
Product Finish	Black & White: Powder Coating Aluminum, Bronze: Anodized
Product Color	Black, White, Aluminum, Bronze
Lens	Frosted Glass
Cover Finish	Side Cover (Black, White & Bronze): Plastic Injection Side Cover (Aluminum): Vacuum Plating
Dimensions XTL-1 XTL-2 XTL-3 XTL-4 XTL-5	9" x 4 5/8" x 1 1/2" (229 x 113 x 39mm) 17 1/2" x 4 5/8" x 1 1/2" (445 x 113 x 39mm) 26" x 4 5/8" x 1 1/2" (659 x 113 x 39mm) 34 1/2" x 4 5/8" x 1 1/2" (875 x 113 x 39mm) 38 1/2" x 4 5/8" x 1 1/2" (967 x 113 x 39mm)
Weight	XTL-1 = 350g XTL-2 = 760g XTL-3 = 1100g XTL-4 = 1450g XTL-5 = 1680g
Approvals	cETLus

Product Codes

$\underline{XTL} - \underline{X} - \underline{YY}/\underline{ZZ}$				
Xenon Task Light	Number of Bulbs	Wiring Options	Finish Color	
	1 - 1 Bulb	HW - Hard Wire	Al - Aluminum	
	2 - 2 Bulbs		BK - Black	
	3 - 3 Bulbs		BZ - Bronze	
	4 - 4 Bulbs		WH - White	
	5 - 5 Bulbs			





Replacement Parts

XEN-12-18W- 12V 18 watt Replacement Bulb

XTL-12-60W- 12V 60 watt Replacement Transformer

XTL-12-80W- 12V 80watt Replacement Transformer XTL-SW-2-BK (HI-OFF-LOW) Replacement Rocker Switch, Black

XTL-SW-2-WH (HI-OFF-LOW) Replacement Rocker Switch, White

LED Mini Star II

This award winning product is a sleek and powerful fixture ideal for in cabinet, under cabinet and showcase lighting.



Specifications





Features

- · Light weight, ultra slim profile
- Fully dimmable with dimmable power supplies, sold separately
- Replaceable LED modules
- Long life 40,000 hours
- Comes with terminal block connector and cover for connection to low voltage power supply
- Available in 4 finishes White, Black, Bronze and Aluminum
- Safe 24V class 2 operation
- Easy to install
- 3 year limited warranty

Applications

- Under cabinets
- Over cabinets
- Indirect lighting
- Display cases
- Furniture
- Shelf lighting
- Ceilings

Electrical 24V DC, 3.26W Current 136mA LED Life 40,000 hours LEDs per fixture 6 Lumen Output 137 lumens of LED Module 42 Lumens per Watt Efficacy Fixture Illuminance 404 lux 17 3/4" (45cm) above surface CRI 83 Color Temperature 3000K **Operating Temperature** -5°C to 50°C

Product Material	Aluminum base, PC cover
Lens	Frosted glass
Cover Colors	White, Black, Bronze, Aluminum
Mounting	Wood screws provided or double sided tape provided
Dimensions	2 15/16" x 2 15/16" x 1/2" (75mm x 75mm x 13mm)
Approvals	cETLus

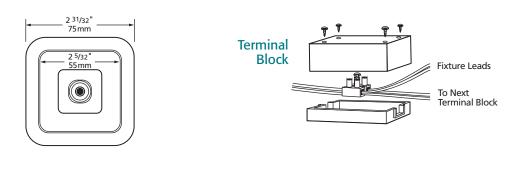
Product Codes

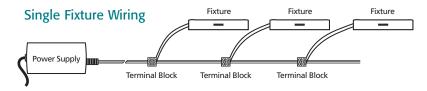
Single Fixtures

LMSII - F - Y

LED Mini Star II

Cover Color AL - Aluminum BK - Black BZ - Bronze WH - White







LEDMOD-24-LP Warm white LED replacement module, 2900K ± 200



WSC-004 Wire screw clips



LMSII-001 Terminal block and junction box for connection to additional lengths of power cable if needed.

Indoor/Outdoor Dimmable Drivers

TRE24L40DC

Maximum 10 LED Mini Star II fixtures Min. load 8 watts or 3 LED Mini Star II fixtures 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE24L96DC

Maximum 25 LED Mini Star II fixtures Min. load 8 watts or 3 LED Mini Star II fixtures 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

Non Dimmable Drivers

LMS-24-18W

18 W plug in Maximum 4 LED Mini Star II fixtures Input: 100 – 240 V AC Output: 24 V DC 3.46" x 1.97" x 1.34" (88 x 50 x 34mm)

LMS-24-60W

60 W plug in Maximum 16 LED Mini Star II fixtures Input: 100 – 240 V AC Output: 24 V DC 4 3/4" x 2 1/2" x 1 1/2" (120 x 58 x 38mm)

LEDDR-24-120W

Indoor/Outdoor driver Maximum 32 LED Mini Star II fixtures, 16 per single tap Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 55.6mm)

LED LP Puck Lights

LED LP Puck Lights are a sleek and powerful lighting fixture ideal for in cabinet, under cabinet and show case lighting.



Features

- · Warm White (3000K) LED light with 80 CRI
- · Produces minimal heat helps keep displays cool
- · Easy installation no lamps to replace, no dimmers to install!
- Long life LEDs last up to 30,000 hours
- High light output each puck delivers 125 lumens
- 2 year limited warranty

Applications

- Under cabinets
- Over cabinets
- Indirect lighting
- Display cases
- Furniture •
- Shelf lighting

Specifications

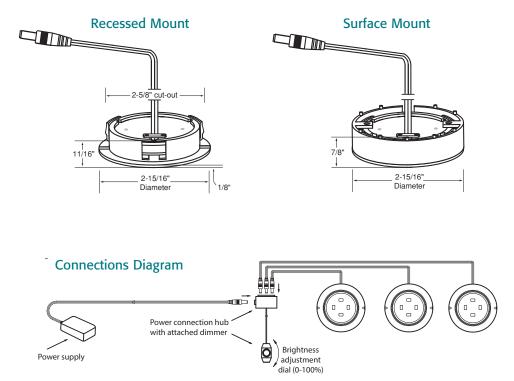
Input Voltage	120V DC, 60 Hz AC operation (140mA driver output)
Wattage	LP-1-WH (Single Puck) = 2.9W LP-3-WH (3 Puck Kit) = 8.2W LP-5-WH (5 Puck Kit) = 13W
Lead Wires	60" lead wires
LED Specs	5630 SMD LEDs, 30,000 hours rated life
Maximum	Run 6 single pucks or one 5-light kit plus one single puck using LP-6P-15W (included with 5-light kits)
Efficacy	42 Lumens per Watt
Fixture Illuminance	404 lux 17 3/4" (45cm) above surface
Color Temperature	Warm White (3000K)
CRI	> 80
Dimmers	Dimmable with in-line dimmer attached to plug-in drivers (LP-3P-9W and LP-6P-15W)
Product Material	Heavy duty, hard durable plastic
Cover Colors	White
Mounting	Recessed or surface mount
Dimensions	H = 7/8" (surface mounted), $H = 1/8"$ (recessed mounted), Diameter = 2-15/16"
Cut-out	2-5/8" hole size for recessed mounting
Approvals	cULus
	A

Product Codes

LP - X - WH LED LP Puck Light Kit 1 - Single Puck 3KIT - 3 Puck Kit 5KIT - 5 Puck Kit

NOTE:

LP-3KIT-WH Kit includes 3-hub connector, 9W plug-in driver and in-line dimmer. LP-5KIT-WH Kit includes 6-hub connector, 15W plug-in driver and in-line dimmer.



Dimmable Drivers

LP-3P-9W

9W plug-in driver 120V, AC input 15V, 140mA output Six foot (72") power cord to polarized 2-prong AC plug and 60" lead wire to hub Includes 3-port hub and in-line linear dimmer 58" lead wire CUL/us Listed

LP-6P-15W

15W plug-in driver 120V, AC input 15V, 140 mA output Six foot (72") power cord to polarized 2-prong AC plug and 60" lead wire to hub Includes 6-port hub and in-line linear dimmer 58" lead wire CUL/us Listed

LED Edgelit Puck Lights

The Edge Lit Puck Lights are sleek and powerful surface mount lighting fixtures, combining the easy installation with high performance LED's. Featuring strong internal magnets, these fixtures can be installed on metal surfaces, without screws or mounting holes.



Features

- 30,000 hours life
- Edgelit design with smooth light output
- Safe 24V DC low voltage operation
- Operating temperature: -30°C to 40°C
- · Durable die-cast aluminum housing suitable for dry location
- · Strong magnet and stamped steel plate for surface mounting
- 72 inch pre-installed lead wire
- 3-year limited warranty

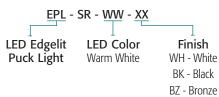
Applications

- Under cabinets
- Over cabinets
- Indirect lighting
- Display cases
- Furniture
- Shelf lighting

Specifications

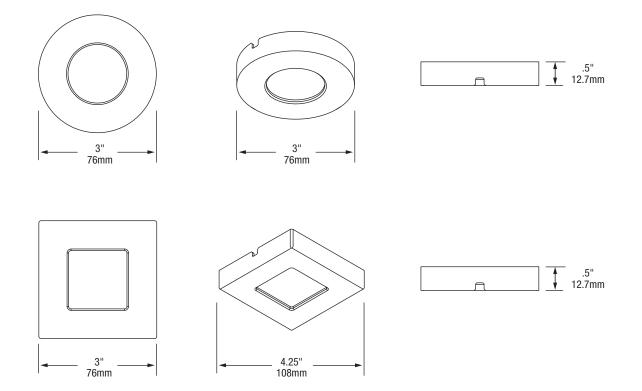
Electrical	24V DC, 4W
LED Specs	5630 SMD LEDs
Efficacy	50 Lumens per Watt
Fixture Illuminance	200 Lumens
Color Temperature	Warm White (3000K)
CRI	> 90
Product Material	Die-cast aluminum
Finish	White, Black, Bronze
Mounting	Surface mount
Approvals	cETLus

Product Codes (Round)



Product Codes (Square)

EPL -	SS - <u>WW</u> - <u>XX</u>	
⊥ LED Edgelit Puck Light	LED Color Warm White	L Finish WH - White
-		BK - Black
		BZ - Bronze





LMSII-001 Terminal block and junction box for connection to additional lengths of power cable if needed.

Indoor/Outdoor Dimmable Drivers

TRE24L40DC

Max recommended load 36W or 9 Edge Lit Puck Lights, min 8W or 2 Edge Lit Puck Lights 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE24L96DC

Max recommended load 92W or 23 Edge Lit Puck Lights, min 8W or 2 Edge Lit Puck Lights 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

Non-dimmable Drivers

LEDDR-24-120W

Indoor/Outdoor driver Max. recommended load 96W or 24 Edge Lit Puck Lights per single tap, 120W or 30 Edge Lit Puck Lights combined two secondary taps. 120W hardwire Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

Non-dimmable Plug In Drivers

LMS-24-18W max. 16W or 4 Edge Lit Puck Lights LMS-24-60W max. 56W or 14 Edge Lit Puck Lights Sleek design and beautiful finishes combined with xenon technology. Xenon Mini Light uses safe 12V, 18W xenon lamps that burn much cooler than halogen.







Features

- 10,000 hours life
- · Safety burns significantly cooler than halogen
- Low pressure lamps safer than halogen
- Bulbs last 4 times longer than halogen 10,000 hours
- No UV rays won't damage articles under lamp, provides a whiter, more natural light
- Easy relamping
- Fast and easy installation Surface or recess mount
- · Innovative design oval shaped trim is aesthetically pleasing
- Available individual or 3 light kits
- 1 year limited warranty

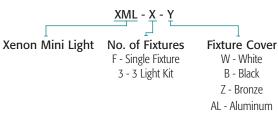
Applications

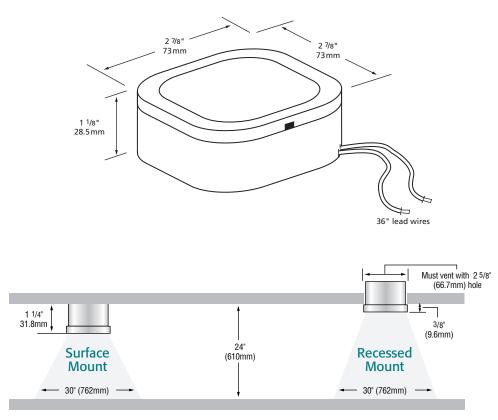
- Under cabinet task light
- Kitchen task lighting
- · Display cases and exhibits
- Shelf lighting
- Wall units and bars
- Office task lighting

Specifications

Electrical	12V, 18W
Lead wire	36″
Maximum Number of Fixtures	3 with 60W transformers (TECLT-12-60) 8 with 150W transformers (TECLT-12-150)
Replacement Lamp	12V, 18 W, product code XEN-12-18W
Product Finish	Black, White, Aluminum, Bronze
Dimensions	2 7/8" x 2 7/8" x 1 1/8" H (73 x 73 x 28.5mm)
Approvals	cETLus

Product Codes





Xenon Mini Lights should be no closer than 3 1/2" (89mm) from any cabinet wall or in a compartment smaller than 7" x 7" x 4" (178mm x 178mm x 102mm)

Power Supplies

TECLT-12-60

Max. recommended load 3 fixtures Electronic Input: 120V AC Output: 12V, 60W 6.5" x 1.5" x 1.5" (165.1mm x 38.1mm x 38.1mm)

TECLT-12-150

Max. recommended load 8 fixtures Electronic Input: 120V AC Output: 12V, 150W 7.1" x 1.75" x 1.75" (180.34mm x 44.5mm x 44.5mm)

LED Disc Light

A robust LED marker light ideal for public or residential applications, indoor or outdoor.





Amber LED, that meets



Features

- Fully dimmable with dimmable power supply (sold separately)
- Long life 50,000 hours
- Low power consumption of 3 watts per fixture
- Safe 12 volt, Class 2 power supply (not included)
- Up to 30 fixtures per power supply
- · cETLus listed for in-wall, IC ceiling, in-floor, outdoor wet, and outdoor burial applications
- Fits in any 1.5" diameter hole, 4" long
- · No UV, no infrared, no radiated heat
- 3 year limited warranty

Applications

- Steps
- Aisles
- Paths
- Driveways
- Direction lighting
- Information lighting
- Decorative lighting •
- Merchandising
- · Landscape accents

Replacement LED Modules

LEDD-MOD-WH LED Disc Light module, 12V, white LED 5500K LEDD-MOD-WW LED Disc Light module, 12V, warm white LED 2700K

Installation Wire

LW-18G-BUR For outdoor burial connections

LW-18G-CL2 For indoor through wall connections

NOTE: One of the above wires MUST be used in order to maintain product warranty.

Specifications

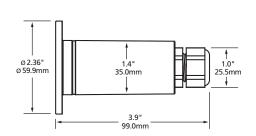
Electrical	12V DC, 3.0W
Wiring Options	Fixtures can be parallel wired or "Daisy chained" together with up to 18 fixtures on our largest driver. See adjacent power supply chart for details. NOTE: Use LW-18G-CL2 for all in-wall applications. Use LW-18G-BUR for all burial applications.
LED Specs	5050
LED Life	50,000 hours
Lumen Output and Color Options	Cool White 98 lumens @ 5500K Warm White 95 lumens @ 2700K
CRI	> 80
Cover Finish	Stainless Steel
Barrel Finish	Stainless Steel
Lens	Frosted or Clear Tempered Glass
Approvals	cETLus listed and labeled for wet, IC, ceiling, wall and direct burial applications.

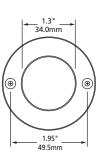
Product Codes

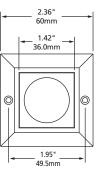
	LEDD - Y - XX	
LED Disc Light	Tempered Glass F - Frosted	Color of LED WH - White
	C - Clear	WW - Warm White
		AM - Amber

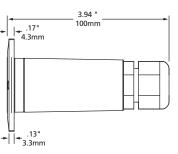
Product Codes (Square)

LEDD - Y - XX - SQ			
LED Disc Light	Tempered Glass F - Frosted	Color of LED WH - White	
	C - Clear	WW - Warm White	
		AM - Amber	











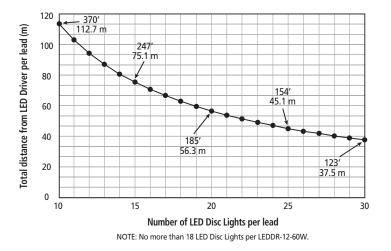
LEDD-CF

LED Disc Light concrete form for concrete pour applications. Fits over most 3/4" conduit junction boxes.

LEDD-CF-SQ LED Disc Light Square concrete form for concrete pour applications. Fits over most 3/4" conduit junction boxes.

100% LED Light Output Chart

With every foot of lead wire and every light fixture, there is voltage loss. With too much voltage loss all light fixtures will not develop 100% of their potential output. Below is a chart of acceptable voltage loss which will maintain 100% of the potential light output of the LED Disc Light. Simply plot the number of LED Disc Light you wish to place on one lead on the horizontal axis, with the total distance from the LED Diver to the last LED Disc Light on the vertical axis. If the resulting plot is at or below the line shown, you will have acceptable voltage loss and your LED Disc Light will output 100% of their potential.



Indoor/Outdoor Dimmable Drivers

TRE12L20DC

20 Watts

Max. recommended load 18 W or 6 LED Disc Lights Min. recommended load 8 W or 3 LED Disc Lights 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE12L60DC

60 Watts

Max. recommended load 54 W or 18 LED Disc Lights Min. recommended load 8 W or 3 LED Disc Lights 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

NOTE: For outdoor installations, please add E-KO-SR strain relief.

Non Dimmable Drivers

LEDDR-12-60W

Indoor/Outdoor driver 60W hardwire Input: 100 - 240V AC Output: 12V DC Max. 18 LED Disc Lights 9 11/16" x 2 9/16" x 2 1/16" (246 x 65 x 52mm)

LED MiniDisc Light

A robust LED marker light ideal for public or residential applications, indoor or outdoor.



Features

- Now dimmable on the primary power supply side with our new dimmable LED Drivers!
- Long life 50,000 hours
- Low power consumption of 0.24 watts per fixture
- Safe 12 volt, Class 2 power supply (not included)
- Up to 100 fixtures per power supply
- cETLus listed for in-wall, IC ceiling, in-floor, outdoor wet, and outdoor burial applications
- Fits in any 1" diameter hole, 3 1/2" long
- 2 year limited warranty, 3 years on stainless steel

Applications

- Steps
- Aisles
- Paths
- Driveways
- Direction lighting
- Information lighting
- Decorative lighting
- Merchandising
- Landscape accents

Replacement LED Modules

LCL-LEDMOD-WH LED Mini Disc Light module, 12V, white LED 5400K LCL-LEDMOD-WW LED Mini Disc Light module, 12V, warm white LED 2900K

Installation Wire

LW-18G-BUR

For outdoor burial connections LW-18G-CL2 For indoor through wall connections

NOTE: One of the above wires MUST be used in order to maintain product warranty.

Specifications

Electrical	12V DC, 20mA, 0.24W
Wiring Options	Each LED Driver can power up to 200 LED MiniDisc Lights by parallel wiring ("daisy chain") between fixtures. NOTE: Use LW-18G-CL2 for all in-wall applications. Use LW-18G-BUR for all burial applications.
LED Life	50,000 hours
LED Colors	White 5400K, Warm White 2900K, Blue, Green, Amber, Red
Construction	Both cover and barrel are die cast aluminum or stainless steel for corrosion protection, strength, weight and consistency of finish.
Cover Finish	Aluminum, White, Bronze, Black, Stainless Steel
Barrel Finish	Aluminum, White, Bronze, Black, Stainless Steel
Lens	Frosted Tempered Glass
Approvals	cETLus listed and labeled for wet, IC, ceiling, wall and direct burial applications.

Product Codes

LEDMD - XX - YY

l	1	1
LED MiniDisc Light	Color of LED	Finish
-	AM - Amber	AL- Aluminum
	BL - Blue	BK - Black
	GR - Green	BZ - Bronze
	RD - Red	WH - White
	CW - White 5400K	SS - Stainless Steel
	WW - Warm White 2900K	

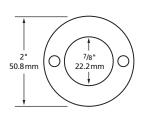
Product Codes (Square)

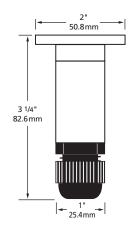


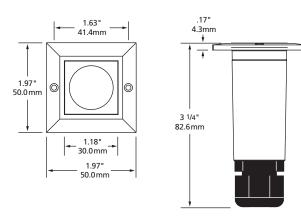
.13"

3.3mm

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Accessories

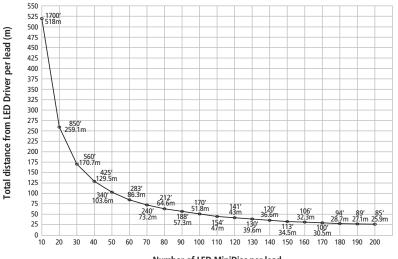


LEDMD-CF LED MiniDisc concrete form for concrete pour applications. Fits over most 1/2" (12.7mm) conduit junction boxes.

LEDMD-CF-SQ LED MiniDisc Light Square concrete form for concrete pour applications. Fits over most 1/2" (12.7mm) conduit junction boxes.

100% LED Light Output Chart

With every foot of lead wire and every light fixture, there is voltage loss. With too much voltage loss all light fixtures will not develop 100% of their potential output. Below is a chart of acceptable voltage loss which will maintain 100% of the potential light output of the LED MiniDisc Light. Simply plot the number of LED MiniDiscs you wish to place on one lead on the horizontal axis, with the total distance from the LED Driver to the last LED MiniDisc on the vertical axis. If the resulting plot is at or below the line shown, you will have acceptable voltage loss and your LED MiniDisc will output 100% of their potential.



Number of LED MiniDisc per lead NOTE: No more than 200 LED MiniDisc Lights per LEDDR-12-60W.

Indoor/Outdoor Dimmable Drivers

TRE12L20DC

20 Watts

Max. recommended load 18 W or 75 LED MiniDisc Lights Min. recommended load 8 W or 34 LED MiniDisc Lights 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE12L60DC

60 Watts

Max. recommended load 54 W or 200 LED MiniDisc Lights Min. recommended load 8 W or 34 LED MiniDisc Lights 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

NOTE: For outdoor installations, please add E-KO-SR strain relief.

Non Dimmable Drivers

LEDDR-12-60W Indoor/Outdoor driver 60W hardwire Input: 100 - 240V AC Output: 12V DC Max. 200 MiniDisc Lights 9 11/16" x 2 9/16" x 2 1/16" (246 x 65 x 52mm)

LED MiniDisc Light (Scoop)

LED MiniDisc Scoop is designed to direct light where you want it. Ideal for stair lighting when placed on risers to avoid glare. Great for theatre aisle ways.



Now available with Amber LED, that meets FWC requirements



Features

- Now dimmable on the primary power supply side with our new dimmable LED Drivers!
- Long life 50,000 hours
- Low power consumption of 0.24 watts per fixture
- Safe 12 volt, Class 2 power supply (not included)
- Up to 100 fixtures per power supply
- cETLus listed for in-wall, IC ceiling, in-floor, outdoor wet, and outdoor burial applications
- Fits in any 1" diameter hole, 3 1/2" long
- 2 year limited warranty, 3 years on stainless steel

Applications

- Steps
- Aisles
- Paths
- Driveways
- Direction lighting
- Information lighting
- Decorative lighting
- Merchandising
- Landscape accents

Specifications

12V DC, 20mA, 0.24W
Each LED Driver can power up to 200 LED MiniDisc Lights by parallel wiring ("daisy chain") between fixtures. NOTE: Use LW-18G-CL2 for all in-wall applications. Use LW-18G-BUR for all burial applications.
50,000 hours
White 5400K, Warm White 2900K, Blue, Green, Amber, Red
Both cover and barrel are die cast aluminum or stainless steel for corrosion protection, strength, weight and consistency of finish.
Aluminum, White, Bronze, Black
Aluminum, White, Bronze, Black
Frosted Tempered Glass
cETLus listed and labeled for wet, IC, ceiling, wall and direct burial applications.

Product Codes

LEDMDS - XX - YY			
]	
LED MiniDisc Light - Scoop	Color of LED	Finish	
	AM - Amber	AL- Aluminum	
	BL - Blue	BK - Black	
	GR - Green	BZ - Bronze	
	RD - Red	WH - White	
	CW - White 5400K		
	WW - Warm White 2900K		

Replacement LED Modules

LCL-LEDMOD-WH

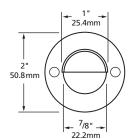
LED Mini Disc Light module, 12V, white LED 5400K **LCL-LEDMOD-WW** LED Mini Disc Light module, 12V, warm white LED 2900K

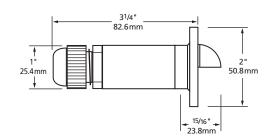
Installation Wire

LW-18G-BUR

For outdoor burial connections LW-18G-CL2 For indoor through wall connections

NOTE: One of the above wires MUST be used in order to maintain product warranty.



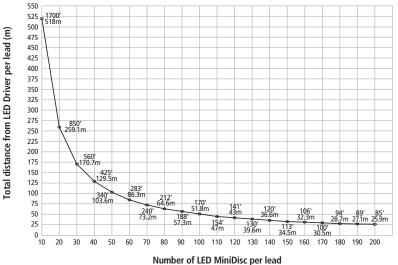


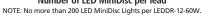


LEDMD-CF LED MiniDisc concrete form for concrete pour applications. Fits over most 1/2" (12.7mm) conduit junction boxes.

100% LED Light Output Chart

With every foot of lead wire and every light fixture, there is voltage loss. With too much voltage loss all light fixtures will not develop 100% of their potential output. Below is a chart of acceptable voltage loss which will maintain 100% of the potential light output of the LED MiniDisc Light. Simply plot the number of LED MiniDiscs you wish to place on one lead on the horizontal axis, with the total distance from the LED Driver to the last LED MiniDisc on the vertical axis. If the resulting plot is at or below the line shown, you will have acceptable voltage loss and your LED MiniDisc will output 100% of their potential.





Indoor/Outdoor Dimmable Drivers

TRE12L20DC

20 Watts

Max. recommended load 18 W or 75 LED MiniDisc Lights Min. recommended load 8 W or 34 LED MiniDisc Lights 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE12L60DC

60 Watts

Max. recommended load 54 W or 200 LED MiniDisc Lights Min. recommended load 8 W or 34 LED MiniDisc Lights 6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

NOTE: For outdoor installations, please add E-KO-SR strain relief.

Non Dimmable Drivers

LEDDR-12-60W

Indoor/Outdoor driver 60W hardwire Input: 100 - 240V AC Output: 12V DC Max. 200 MiniDisc Lights 9 11/16" x 2 9/16" x 2 1/16" (246 x 65 x 52mm)

Ceiling Lights

Ceiling Lights will compliment any designer look, at home or in your place of business. Typically, these fixtures will replace any existing traditional indoor ceiling fixtures, providing designer quality light solutions, while creating tremendous energy savings.

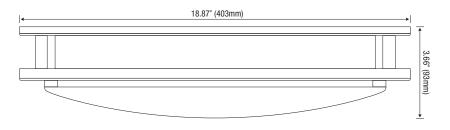




- Elegant and energy efficient design
- Available in brushed nickel trim
- Suitable for damp location
- Input voltage 120VAC
- Dimmable with most ELV dimmers
- 50,000 hours life
- cETLus listed
- Easy installation
- Maintenance free
- Even light distribution
- 5 year warranty

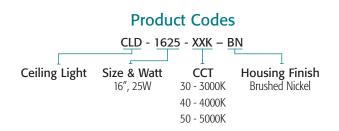
Applications

- Kitchens
- Lobbies
- Hallways
- Banquet halls
- Retail
- Restaurants



Specifications

120 VAC, 25W	
50,000 hours	
1875 Lumens	
≥ 80	
Brushed Nickel	
cETLus listed and Energy Star rated	



NOTE: 3000K is stock, all other color temperatures are special order, MOQ required.

Vanity Lights and Wall Sconces

Beautifully designed, elegant and a great addition to any decor, Vanity Lights and Wall Sconces will compliment any designer look. These fixtures can replace any existing indoor accent lighting, creating tremendous energy savings, at an extremely affordable price.

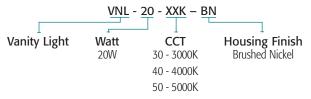
Features

- Elegant and energy efficient design
- Brushed nickel trim finish
- Input voltage 120V AC
- Dimmable with most ELV dimmers
- 50,000 hours life
- Suitable for damp location
- cETLus listed
- Easy installation
- Maintenance free
- Even light distribution
- 5 year warranty

Applications

- Hallways
- Lobbies
- Banquet halls
- Retail
- Restaurants

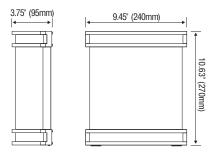




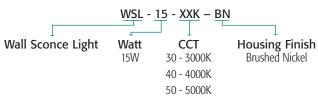
NOTE: 3000K is stock, all other color temperatures are special order, MOQ required.

Specifications

Electrical Vanity Light Wall Sconce	120V AC, 20W 120V AC, 15W
LED Life	50,000 hours
Lumen Output Vanity Light Wall Sconce	1200 Lumens 1600 Lumens
CRI	≥ 80
Housing Finish	Brushed Nickel
Approvals	cETLus listed and Energy Star rated



Product Codes



NOTE: 3000K is stock, all other color temperatures are special order, MOQ required.



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DIMMABLE

UL2108 Certified



Thin-line LED Down Lights

Thin-line LED Down Lights are a breakthrough in LED downlight technology. Clever placement of 2835 LEDs around our diffusing glass lens provide brilliant and efficient LED lighting from a fixture that is only 1/2" (13mm) thick. Thin-line LED Down Lights are designed for retrofit and new construction installations and are very simple to install. They are ideal for shallow ceiling plenums since no IC can or box is required above the fixture.



We carry the widest selection of LED Down Light fixtures on the market!

UL2108 Certified



Specifications

Input: AC 100 – 120V 3" = 6W, 21V DC, 300mA constant current 4" = 9W, 21V DC, 320mA constant current 6" = 12W, 30V DC, 320mA constant current 8" = 15W, 18V DC, 700mA constant current 10" = 20W, 24V DC, 700mA constant current 12" = 24W, 42V DC, 600mA constant current
3'' = 28 4'' = 40 6'' = 50 8'' = 60 10'' = 80 12'' = 120
50,000 hours
3" = 400 WW, 450 NW 4" = 575 WW, 600 NW 6" = 800 WW, 900 NW 8" = 1200 WW, 1300 NW 10" = 1700 WW, 1800 NW 12" = 1872 WW, 2110 NW
3" = 67 WW, 75 NW 4" = 64 WW, 67 NW 6" = 67 WW, 75 NW 8" = 80 WW, 87 NW 10" = 89 WW, 95 NW 12" = 78 WW, 88 NW
Warm White 3000K, Neutral White 4000K
> 80
cETLus listed for wet locations, Energy Star rated

• Energy Star

- Energy Star rated up to 80% energy savingsDimmable to 5% with most standard dimmers
- 120° beam spread
- Warm White and Neutral White color temperatures
- Two spring loaded clips to attach to any ceiling material
- 4 trim finishes available
- Suitable for wet location
- No IC can required, for direct contact with insulation and combustible materials
- Connects directly to 120V power supply
- Optional 277V Step-Down Transformer (non-dimmable)
- 50,000 hour life
- Airtight
- cETLus and Energy Star listed
- 5 year limited warranty

Residential Applications

- Kitchens
- Pantries
- Laundry rooms
- Bathrooms
- In showers
- Under soffits (outdoor)

Commercial Applications

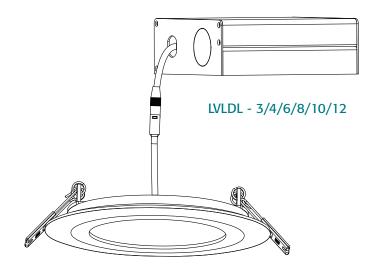
- Lobbies
- Hallways
- Banquet halls
- Elevators
- Stairways
- Retail
- Restaurants
- Office lighting
- Under cabinet
- In cabinet
- Wall mount for egress lighting
- Under soffits (outdoor)

NOTE: Each fixture requires one constant current power supply.

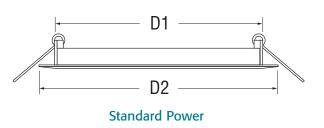
Product Codes

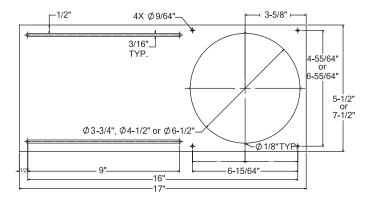
<u>LVLDL</u> - <u>XX</u> - <u>YY</u> - <u>ZZ</u> - R - L			
Thin-line	Size	LED Color	Trim Color
LED Down Light	03 - 3″	WW - Warm White (3000K)	WH - White Gloss Enamel
	04 - 4″	NW - Neutral White (4000K)	BK - Black
	06 - 6″		BZ - Bronze
	08 - 8″		BN - Brushed Nickel
	10 - 10″		
	12 - 12″		

NOTE: WH, BZ and BN are stock, BK is special order, MOQ required.



Size	D1	D2
3″	3.35″	4″
4″	4.33″	4.875″
6″	6.3″	6.875″
8″	8.07″	8.78″
10″	10.39″	10.63″
12″	11.34″	11.81″





Construction Plate LVLDL-CP-XX 3"/4"/6"

High Power Thin-line LED Down Lights

High Power Thin-line LED Down Lights are a breakthrough in LED downlight technology. Clever placement of SMD2835 LEDs around our diffusing glass lens provide brilliant and efficient LED lighting from a fixture that is only 1" (25mm) thick. High Power Thin-line LED Down Lights are designed for retrofit and new construction installations and are very simple to install. They are ideal for shallow ceiling plenums since no IC can or box is required above the fixture.

Features

- Energy Star rated up to 80% energy savings
- Dimmable to 5% with most standard dimmers
- 120° beam spread
- · Warm White and Neutral White color temperatures
- Two spring loaded clips to attach to any ceiling material
- cETLus listed for damp locations
- No IC can required, for direct contact with insulation and combustible materials
- Connects directly to 120V power supply
- Optional 277V Step-Down Transformer (non-dimmable)
- 50,000 hour life
- 5 year limited warranty
- Airtight
- cETLus and Energy Star listed

Residential Applications

- Kitchens
- Pantries
- Laundry rooms
- Under soffits (outdoor)

Commercial Applications

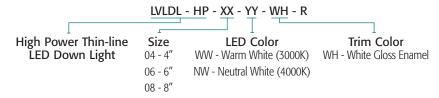
- Lobbies
- Hallways
- Banquet halls
- Elevators
- Stairways
- Retail
- Restaurants
- Office lighting
- Under cabinet
- In cabinet
- Wall mount for egress lighting
- Under soffits (outdoor)

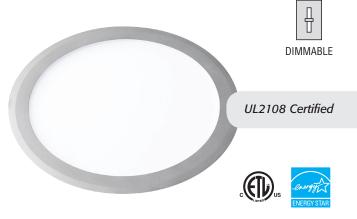
,	•	or box	'		



NOTE: Each fixture requires one constant current power supply.

Product Codes

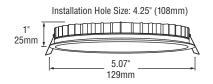




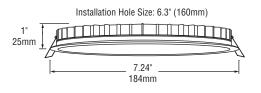
Specifications

Electrical	Input: AC100 – 120V 4" = 11W, 42V DC, 280mA constant current 6" = 15W, 42V DC, 350mA constant current 8" = 25W, 42V DC, 500mA constant current
Number of SMD2835 LEDs	4" = 72 6" = 120 8" = 192
LED Life	50,000 hours
Lumen Output WW = Warm White NW = Neutral White	4" = 1068 WW, 1072 NW 6" = 1425 WW, 1483 NW 8" = 2575 WW, 2648 NW
Lumen Efficacy (LPW) WW = Warm White NW = Neutral White	4" = 97 WW, 97 NW 6" = 95 WW, 99 NW 8" = 103 WW, 106 NW
Color Temperature	Warm White 3000K, Neutral White 4000K
CRI	> 80
Approvals	cETLus listed for damp locations, Energy Star rated

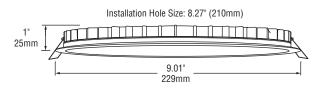
4" High Power Thin-line LED Down Light

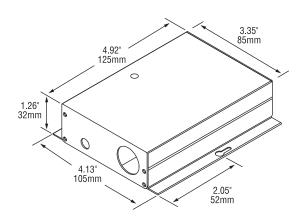


6" High Power Thin-line LED Down Light



8" High Power Thin-line LED Down Light





High Power Remote Driver

Thin-Line Square LED Down Lights

The Thin-line Square Down Lights are rated for wet locations and designed for new construction and retrofit installations. They are ideal for for shallow ceiling plenums since no IC can or box is required above the fixture.



Specifications

Features

- Low profile, perfect for shallow ceiling plenums
- No IC can required, for direct contact with insulation and combustible materials
- 80+ CRI
- Two spring loaded clips to attach to any ceiling material
- 120 degrees beam spread
- · Edge lit technology eliminates hot spots
- 50,000 hours life
- Dimmable with most standard dimmers
- cETLus listed for wet locations
- 5 year limited warranty

Residential Applications

- Kitchens
- Pantries
- Laundry rooms
- Bathrooms
- In showers
- Under soffits (outdoor)

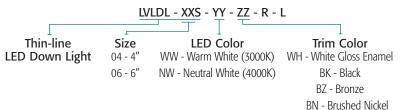
Commercial Applications

- Lobbies
- Hallways
- Banquet halls
- Elevators
- Stairways
- Retail
- Restaurants
- Office lighting
- Under cabinet
- In cabinet
- Wall mount for egress lighting
- Under soffits (outdoor)

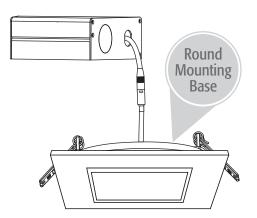
Electrical	Input: AC 100 – 120V 4"= 9W, 21V DC, 320mA constant current 6"= 12W, 30V DC, 320mA constant current
Power Factor	0.95
LEDs	Epistar
LED Life	50,000 hours
Lumen Output WW = Warm White NW = Neutral White	4" = 575 WW, 600 NW 6" = 800 WW, 900 NW
Lumen Efficacy (LPW) WW = Warm White NW = Neutral White	4" = 64 WW, 67 NW 6" = 67 WW, 75 NW
Color Temperature	Warm White 3000K, Neutral White 4000K
CRI	≥ 80
Appearance Size (L x W x H)	4" = 5.08" x 5.08" x 0.5" (129mm x 129mm x 13mm) 6" = 7.16" x 7.16" x 0.5" (182mm x 182mm x 13mm)
Dimensions (J-Box) (L x W x H)	4" = 3.31" x 3.31" x 1.14" (84mm x 84mm x 29mm) 6" = 3.31" x 3.31" x 1.14" (84mm x 84mm x 29mm)
Approvals	cETLus listed for wet locations, Energy Star rated

NOTE: Each fixture requires one constant current power supply.

Product Codes



NOTE: WH, BZ, and BN are stock, BK is special order, MOQ required.



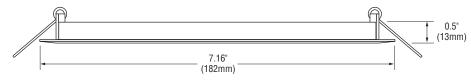
4" Thin-line Square Down Light

Installation Hole Size: 4.65" (118mm)



6" Thin-line Square Down Light

Installation Hole Size: 6.15" (156mm)



Round LED Surface Mount Down Lights

LED Surface Mount Down Light is a low-profile downlight intended for ceiling mount applications. Features driver on board (DOB) technology, with no external driver needed. These flush mount LED ceiling lights mount directly into a 4" junction box. Ideal for general LED Lighting in residential and commercial applications.

Features

- Driver on Board Technology, provides a 120V alternating current source and eliminates the need for traditional LED driver
- Quick & easy to install on standard junction box, ceiling mount with mounting plate
- · Die-cast aluminum housing
- Smooth and continuous dimming, dimmable with most standard dimmers
- Rated for 50,000 hours
- No light bulbs to replace or dispose
- Instant full brightness (including in sub-zero temperatures)
- 80+ CRI
- cETLus listed for wet locations
- 5 year limited warranty

Residential Applications

- Kitchens
- Pantries
- Laundry rooms
- Under soffits (outdoor)

Commercial Applications

- Lobbies
- Hallways
- Banquet halls
- Elevators
- Stairways
- Retail
- Restaurants
- Office lighting
- Under cabinet
- In cabinet
- Wall mount for egress lighting
- Under soffits (outdoor)





Specifications

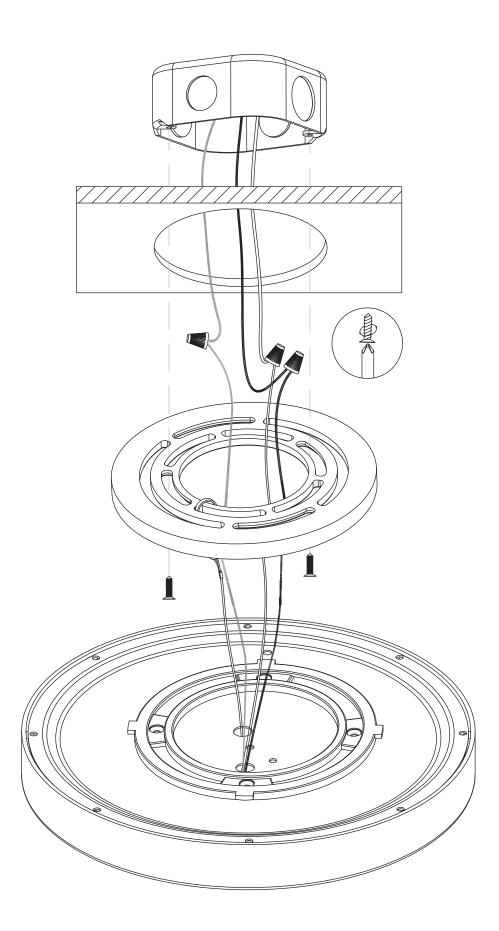
Electrical	Input: AC 100 – 120V 6" = 11W 8" = 14W 10" = 17W 12" = 22W
Power Factor	0.95
LEDs	Epistar
LED Life	50,000 hours
Lumen Output WW = Warm White NW = Neutral White	6" = 880 WW, 900 NW 8" = 1000 WW, 1050 NW 10" = 1200 WW, 1250 NW 12" = 1800 WW, 1850 NW
Lumen Efficacy (LPW) WW = Warm White NW = Neutral White	6" = 80 WW, 82 NW 8" = 71 WW, 75 NW 10" = 70 WW, 73 NW 12" = 82 WW, 84 NW
Color Temperature	Warm White 3000K, Neutral White 4000K
CRI	≥ 80
Appearance Size (D x H)	6" = 6" x 1" (152mm x 25mm) 8" = 8" x 1" (203mm x 25mm) 10" = 10" x 1" (254mm x 25mm) 12" = 12" x 1" (305mm x 25mm)
Approvals	cETLus listed for wet locations, Energy Star rated

Product Codes

	LVI	<u>DL - SR</u> - <u>XX</u> - <u>YY</u> - <u>ZZ</u> - L	
	1		
Round LED Surface	Size	LED Color	Trim Color
Mount Down Light	06 - 6″	WW - Warm White (3000K)	WH - White Gloss Enamel
	08 - 8″	NW - Neutral White (4000K)	BK - Black
	10 - 10″		BZ - Bronze
	12 - 12″		BN - Brushed Nickel
	10 - 10"	NW - Neutral White (4000K)	BZ - Bronze

NOTE: WH, BZ, and BN are stock, BK is special order, MOQ required.

Down Lighting



Square LED Surface Mount Down Lights

LED Surface Mount Down Light is a low-profile downlight intended for ceiling mount applications. Features driver on board (DOB) technology, with no external driver needed. These flush mount LED ceiling lights mount directly into a 4" junction box. Ideal for general LED Lighting in residential and commercial applications.

Features

- Driver on Board Technology, provides a 120V alternating current source and eliminates the need for traditional LED driver
- Quick & easy to install on standard junction box, ceiling mount with mounting plate
- · Die-cast aluminum housing
- Smooth and continuous dimming, dimmable with most standard dimmers
- Rated for 50,000 hours
- · No light bulbs to replace or dispose
- · Instant full brightness (including in sub-zero temperatures)
- 80+ CRI
- cETLus listed for wet locations
- 5 year limited warranty

Residential Applications

- Kitchens
- Pantries
- Laundry rooms
- Under soffits (outdoor)

Commercial Applications

- Lobbies
- Hallways
- Banquet halls
- Elevators
- Stairways
- Retail
- Restaurants
- Office lighting
- Under cabinet
- In cabinet
- Wall mount for egress lighting
- Under soffits (outdoor)



Specifications

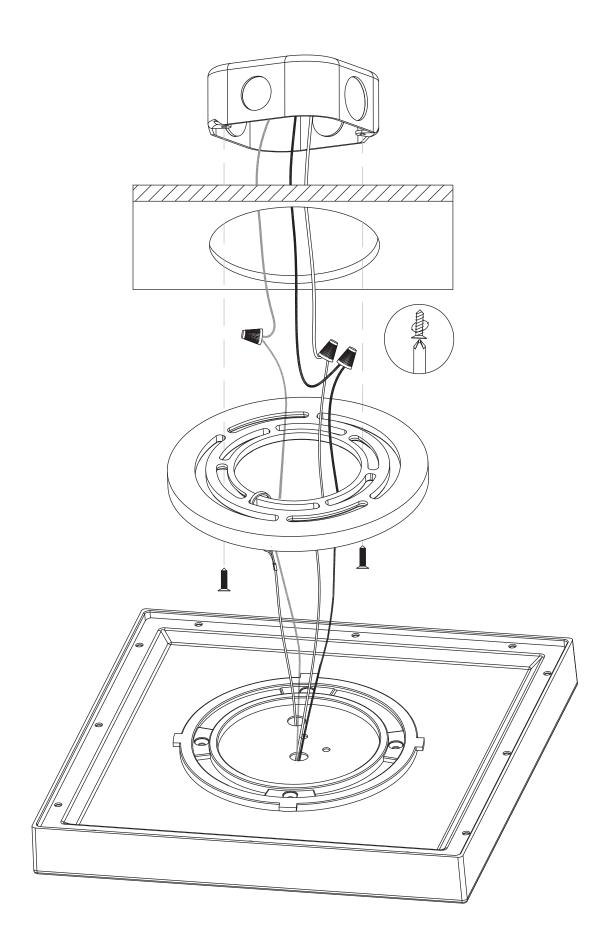
Electrical	Input: AC 100 – 120V 6" = 11W 8" = 14W 10" = 17W 12" = 22W
Power Factor	0.95
LEDs	Epistar
LED Life	50,000 hours
Lumen Output WW = Warm White NW = Neutral White	6" = 880 WW, 900 NW 8" = 1000 WW, 1050 NW 10" = 1200 WW, 1250 NW 12" = 1800 WW, 1850 NW
Lumen Efficacy (LPW) WW = Warm White NW = Neutral White	6" = 80 WW, 82 NW 8" = 71 WW, 75 NW 10" = 70 WW, 73 NW 12" = 82 WW, 84 NW
Color Temperature	Warm White 3000K, Neutral White 4000K
CRI	≥ 80
Appearance Size (L x W x H)	6" = 6" x 6" x 1"(152mm x 152mm x 25mm) 8" = 8" x 8" x 1"(203mm x 203mm x 25mm) 10" = 10" x 10" x 1"(254mm x 254mm x 25mm) 12" = 12" x 12" x 1"(305mm x 305mm x 25mm)
Approvals	cETLus listed for wet locations, Energy Star rated

Product Codes

<u>LVLDL - SS</u> - <u>XX</u> - <u>YY</u> - <u>ZZ</u> - L Square LED Surface Trim Color Size LED Color Mount Down Light 06 = 6''WW - Warm White (3000K) WH - White Gloss Enamel 08 = 8''NW - Neutral White (4000K) BK - Black BZ - Bronze 10 = 10''BN - Brushed Nickel 12 = 12''

NOTE: WH, BZ, and BN are stock, BK is special order, MOQ required.

Down Lighting



Surface/Recessed LED Down Lights

LED Down Light is a simple yet beautiful solution for flush mount and recessed applications without requiring the use of a recessed can. The DL-4-9D/DL-6-15D series features a 120V AC alternating current source which eliminates the need for a traditional LED driver. In addition, the DL-4-9D/DL-6-15D is wet location listed and installs easily on standard ceiling junction box or can be retrofitted to existing recessed cans with included hardware.

Features

- 120V AC source, no driver needed
- Installs easily on standard ceiling junction box with included hardware
- Included mounting springs allow existing recessed cans to be retrofitted
- Die cast aluminum trim routes heat away from electrical components
- White polycarbonate diffuser eliminates hot spots creating uniform light distribution
- · Wet location listed suitable for virtually any application
- Suitable for use in IC or NON-IC Applications
- 90+ CRI, the absolute best in the industry
- Dimmable to 5% with most standard dimmers
- Approved by ETL Standards for Canada and USA
- Energy Star / T24 Compliant
- 5 year limited warranty

Applications

- Lobbies
- Hallways
- Banquet halls
- Elevators
- Stairways
- Retail
- Restaurants
- Residential

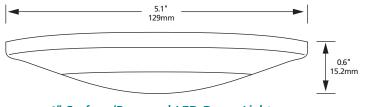


Specifications

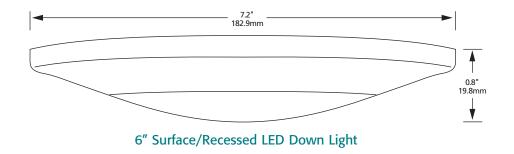
Electrical	4" = 120V AC, 9W 6" = 120V AC, 15W
LEDs	Epistar
LED Life	50,000 hours
Luminous Flux	4" = 650 lumens 6" = 1000 lumens
Beam Angle	120°
Color Temperature	2700K – 4000K
CRI	> 90
Operating Temperature	-40C - +40C
Construction	Die cast aluminum, white polycarbonate lens
Finish	White, Rubbed Oil Bronze, Satin Nickel
Appearance Size (W x H)	4" = 5.1" x 0.6" (129.5mm x 152.0mm) 6" = 7.2" x 0.78" (182.9mm x 19.8mm)
Approvals	cETLus listed for wet locations, Energy Star rated

Product Codes

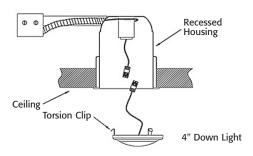
	<u>[</u>	<u>DL</u> - X - XD - Y	YY - <u>ZZ</u>	
Surface/Recessed LED Down Light	Fixture Size 4 - 4" fixture	Watt 9D - 9 watts	Color Temperature 27 - 2700K	Trim Color WH - White
0	6 - 6" fixture	15D - 15 watts	30 - 3000K 40 - 4000K	RB - Rubbed Oil Bronze SN - Satin Nickel

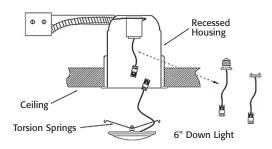


4" Surface/Recessed LED Down Light

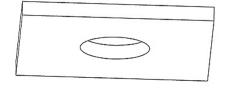


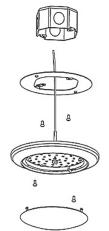
Recessed Mounting





Junction Box Mounting





LV-DL Series

The LV-DL Series Down Lights are easy to install and can replace traditional MR16 and PAR ceiling fixtures widely used indoors, in residential homes and commercial applications such as retail, hotel and museums. Both LV-DL down lights feature a custom designed heat sink to disperse heat and are powered by a constant current power supply that is dimmable with most trailing edge electronic dimming systems.

Features

- Energy efficient up to 80% energy savings
- High Brightness COB LED's
- Low power consumption
- · Warm White and Neutral White color temperatures
- · Available in two standard beam angles
- New Construction, IC and remote installations
- ETL listed for direct contact with insulation and combustible materials (LV-DL13)
- · Self resetting thermal protector
- Easy to install, modular design
- 50,000 hour life
- 5 year limited warranty

Residential Applications

- Kitchens
- Pantries
- Laundry rooms
- Bathrooms

Commercial Applications

- Lobbies
 Retail
- Hallways
 Restaurants
- Elevators
 Office lighting
- Stairways

Product Codes LV-DL8

LV	-DL8 - <u>XX</u> - YY	
LV-DL8 Series	Beam Angle	LED Color
	25 - 25°	WW - Warm White
	45 - 45°	NW - Neutral White

HOUSINGS:

New Construction: LV-DL8-NC-A, IC : LV-DL8-IC-A, Remote LV-DL8-R Order as 3 separate components for complete fixture I.E. LV-DL8-NC-B housing, LV-DL8-45-WW module, LV-DL8-B5-WH Trim



Specifications

Electrical	LV-DL8: 8.5W, 29V DC*, 280mA constant current LV-DL13: 12W, 42V DC*, 280mA constant current
Beam Angle	LV-DL8: 25/45° LV-DL13: 30/60°
Color Temperature Warm White Neutral White	3000-3500K 4000-4500K
Lumens Warm White Neutral White	LV-DL8: 618 LV-DL13: 1080 LV-DL8: 625 LV-DL13: 1240
Size (mm)	LV-DL8:
Approvals	cETLus listed, Energy Star rated

* Each fixture requires one constant current power supply.

Product Codes LV-DL13

	<u>LV-DL13</u> - X	<u>X</u> - <u>YY</u> - <u>WW</u>	
LV-DL13 Series	Beam Angle 30 - 30° 60 - 60°	LED Color WW - Warm White NW - Neutral White	↓ Trim Finish Al - Aluminum WH - White

LV-DL8 Trim Options

A Series	Description
LV-DL8-A1-AL	Regressed baffle trim, Aluminum, A Series \$3 5/32" (80mm)
LV-DL8-A1-BK ^{††}	Regressed baffle trim, Black, A Series \$3 5/32" (80mm)
LV-DL8-A1-WH	Regressed baffle trim, White, A Series
B Series	
LV-DL8-B5-AL	Double gimbal flush trim, Aluminum, B Series Ø4 1/16" (103mm)
LV-DL8-B5-WH	Double gimbal flush trim, White, B Series \$4 1/16" (103mm)
C Series	
LV-DL8-C3-AL	Deep regressed baffle trim, Aluminum, C Series \$4 11/94" (109mm)
LV-DL8-C3-WH	Deep regressed baffle trim, White, C Series \$4 11/94" (109mm)
LV-DL8-C4-AL	Deep recessed square baffle trim, Aluminum, C Series \$4 11/94" (109mm)
LV-DL8-C4-WH	Deep recessed square baffle trim, White, C Series

 $\dagger\dagger~$ NOTE: White and aluminum are stock, black is special order.

LV-DL8 Housings & Accessories

NC Housing	Description
LV-DL8-NC-A	Regressed baffle trim, Aluminum, A Series \$3 5/32" (80mm)
LV-DL8-NC-B	Regressed baffle trim, Black, A Series \$3 5/32" (80mm)
LV-DL8-NC-C	Regressed baffle trim, White, A Series ϕ 3 5/32" (80mm)
IC Housings	
LV-DL8-IC-A	Insulated ceiling housing c/w driver, A Series \$2.69" (68mm)
LV-DL8-1C-B	Insulated ceiling housing c/w driver, B Series \$3.125" (79mm)
LV-DL8-IC-C	Insulated ceiling housing c/w driver, C Series \$3.75" (95mm)
Remote	
LV-DL8-R	Remote driver, 4.92" L x 3.35" W x 1.26" H (125mm x 85mm x 32mm), 280mA, constant current
Extension cords	
LV-DL-EX-10-CM	10' (304cm) Remote extension lead
LV-DL-EX-30-CM	30' (9.14m) Remote extension lead

LV-DL13 Housings & Accessories

NC Housing	Description
LV-DL13-NC-C	New construction housing c/w driver, \$3.75" (95mm)
IC Housings (optional)	
LV-DL13-IC-C*	Insulated ceiling housing c/w driver, \$3.75" (95mm)
Remote	
LV-DL13-R	Remote driver, 4.92" L x 3.35" W x 1.26" H (125mm x 85mm x 32mm), 280mA, constant current
Extension cords	
LV-DL-EX-10-CM	10' (304cm) Remote extension lead
LV-DL-EX-30-CM	30' (9.14m) Remote extension lead

* IC Housings are optional - all fixtures are IC rated without IC housing.

Trim Options



LV-DL8-C4-WH

LED Gimbal Down Lights

Our new and improved directional LED Gimbal Down Lights, are the perfect solution for a multitude of residential and commercial applications. The adjustable LED gimbal fixtures are 80% more efficient than incandescent luminaires and they are available in multiple trim finish options to match any style of décor.

GDL-3

Features

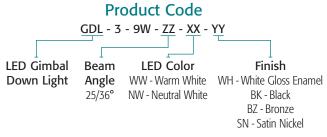
- Energy efficient up to 80% energy savings
- High Brightness COB LED's
- Low power consumption
- · Warm White and Neutral White color temperatures
- · Available in two standard beam angles
- · New Construction, IC and remote installations
- cETLus listed for direct contact with insulation and . combustible materials
- · Easy to install, modular design
- 50,000 hour life
- 3 year limited warranty

Residential Applications

- Kitchens
- Pantries .
- Laundry rooms
- Bathrooms

Commercial Applications Retail

- Lobbies
- Hallways
- Restaurants Office lighting
- Elevators Stairways

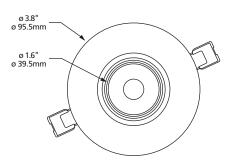


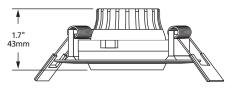
NOTE: WH finish is stock, all other options are special order, MOQ required.

Specifications

Power Consumption	9W
Input Voltage	21V DC*, 320mA constant current
Beam Angle	25/36°
Color Temperature Warm White Neutral White	3000 K 4000 K
Lumens Warm White Neutral White	650 700
Size	3.8" x 1.7"
Approvals	cETLus listed for damp locations

* Each fixture requires one constant current power supply





DIMMABLE

UL2108 Certified

A

LED Gimbal Down Lights

Our new and improved directional LED Gimbal Down Lights, are the perfect solution for a mulitude of residential and commercial applications. The adjustable LED gimbal fixtures are 80% more efficient than incandescent luminaires and they are available in multiple trim finish options to match any style of décor.

GDL-4

Features

- Energy efficient up to 80% energy savings
- High Brightness COB LED's
- Low power consumption
- · Warm White and Neutral White color temperatures
- · Available in two standard beam angles
- New Construction, IC and remote installations •
- cETLus listed for direct contact with insulation and combustible materials
- · Easy to install, modular design
- 50,000 hour life •
- 3 year limited warranty

Residential Applications

- Kitchens
- Pantries
- Laundry rooms •
- Bathrooms

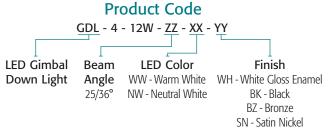
Commercial Applications Retail

- Lobbies
- Hallways
 - Office lighting

Restaurants

Elevators Stairways

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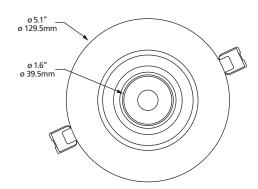


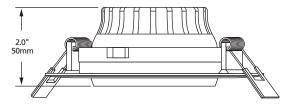
NOTE: WH finish is stock, all other options are special order, MOQ required.

Specifications

1	Power Consumption
DC*, 320mA constant current	Input Voltage
36°	Beam Angle
ЭК 9К	Color Temperature Warm White Neutral White
	Lumens Warm White Neutral White
x 2″	Size
us listed for damp locations	Approvals
x 2"	Beam Angle Color Temperature Warm White Neutral White Lumens Warm White Neutral White Size

* Each fixture requires one constant current power supply.





LED Panel Light

NSL's LED Panel Lights are designed to replace traditional fluorescent troffers while providing superior light with virtually no maintenance. These state of the art, edge lit LED panels come in three sizes and are made with premium materials assuring you of optimum performance and the best lumen maintenance in the industry.



Features

- Super bright LM80 LED 0.5W 2835SMD, Ra>80
- Lumen output: 110–120lm/w DLC4.2 Standard, 125–140lm/w DLC4.2 Premium
- Longbright brand isolated driver, PF>0.9, THD≤15%
- AC100-277V, 0-10V dimmable
- PMMA LGP 3mm thick, Anti-Yellowing
- Non-flicker, No glare, No dark spot
- cUL DLC certifications
- Ideal replacement for traditional troffer with over 35% energy saving
- 5 Years warranty

Residential Applications

- Kitchens
- Bathrooms
- Laundry rooms
- Pantries
- Rec Rooms

Commercial Applications

- Retail
- Offices
- Hallways
- Elevators
- Banquet Halls
- Restaurants

Product Codes DLC 4.2 Standard

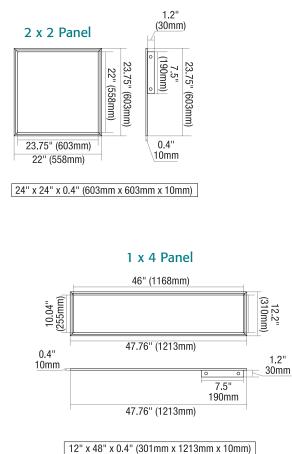
	<u>PL</u> - <u>XXX</u> -	- <u>YYW</u> - <u>ZZ</u>	
LED Panel Light	Size	Watts	LED Color
	2X2 - 2′ x 2′	40 - 40 Watts	30 - 3000K
	1X4 - 1′ x 4′	60 - 60 Watts	40 - 4000K
	2X4 - 2' x 4'		50 - 5000K

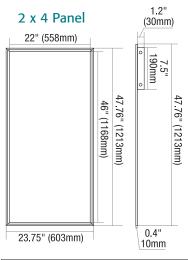
Specifications

opeenieurono	
Electrical	120V AC, 277V AC
Power Factor	0.90 Non-Flicker, 40W/60W
LEDs	High bright SMD2835
Number of LEDs	PL-2X2-40W-XX = 192 PL-1X4-40W-XX = 192 PL-2X4-60W-XX = 336 PLP-2X2-40W-XX = 192 PLP-1X4-40W-XX = 192 PLP-2X4-60W-XX = 384
LED Life	50,000 hours
THD	≤ 15%
CCT	3000K, 4000K, 5000K
Lumen Output	PL-2X2-40W-XX = 4400 Lumens PL-1X4-40W-XX = 4400 Lumens PL-2X4-60W-XX = 6600 Lumens PLP-2X2-40W-XX = 5200 Lumens PLP-1X4-40W-XX = 5200 Lumens PLP-2X4-60W-XX = 7800 Lumens
CRI	> 80
Beam Angle	120°
Material	AL+PMMA
Working Temperature	-4°F~112°F (-20°C~+45°C)
Storage Temperature	-13°F~149°F (-25°C~+65°C)
IP Grade	IP44
Approvals	cUL listed

Product Codes DLC 4.2 Premium

PLP - XXX - YYW - ZZ			
LED Panel Light	Size 2X2 - 2' x 2'	Watts 40 - 40 Watts	LED Color 30 - 3000K
	1X4 - 1' x 4'	60 - 60 Watts	40 - 4000K
	2X4 - 2' x 4'		50 - 5000K





24" x 48" x 0.4" (603mm x 1213mm x 10mm)

Accessories



PL-2X2-SMK PL-2X4-SMK PL-1X4-SMK Surface mount kit



Part# PL-2X2/1X4-SK Suspension kit for use with 2 x 2 and 1 x 4 panels. PL-2X4-SK Suspension kit for use with 2 x 4 panels.

Tri-Proof Lights

Tri-Proof Lights are an attractive and durable lighting solution that can replace traditional linear fluorescent luminaires. Tri-Proof Lights are extremely rugged, resistant to heavy impacts, dust proof, water proof and vandal resistant making them ideal for environments such as factories, warehouses, parking garages and car washes yet stylish enough for commercial and residential applications like stairwells, hallways, schools, supermarkets, apartment and condo complexes.

Features

- Water-proof (IP66), Dust-proof, Pressure-proof (IK10)
- Luminous Efficacy (LPW): 110–120
- Available in 4 ft. length / 40W version
- Excellent heat dissipation
- 50,000 hours life
- Energy efficient up to 80% energy savings
- Operating Temperature -22°F 113°F (-30°C 45°C)
- Vandal Resistant
- cETLus and DLC listed
- 5 year limited warranty

Applications

- Parking garages
- Tunnels
- Airports
- Exhibition halls
- Railway, bus and subway stations
- Warehouses and factories
- Supermarkets
- Schools



Specifications

Electrical	100-240V/277V
Working Voltage	34–40V DC, 40W
Power Efficiency	90%
LEDs	High bright SMD2835
Number of LEDs	240
Luminous Efficacy	110–120 LM/W
THD	< 15%
CRI	> 80
Beam Angle	120°
Approvals	cETLus listed, DLC certified

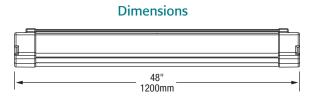
NOTE: Each fixture ships with two strain relief connectors

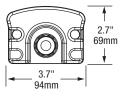
Product Codes

 SL66
 - 4FT
 - 40W
 - XX

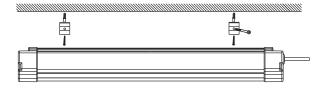
 Tri-Proof Light
 LED Color
 30 - 3000K
 40 - 4000K
 50 - 5000K
 50 - 5000K
 50 - 5000K
 55 - 6500K
 65 - 6

NOTE: 4000K is stock, all other color temperatures are special order, MOQ required.

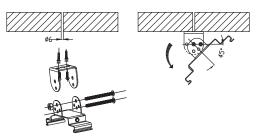




Surface Ceiling Mounting (Standard)



Swivel Mount Kit (Part# SL66-AD-MC) Sold Separately



Ů

275

Suspended Mounting (Suspension Kit - Part# SL66-SUS-KIT) Sold Separately



LED Parking Garage Light

The LED Parking Garage Light delivers a bright, uniform illumination for improved visibility and safety in parking garages, gas stations, and warehouses.



Features

- 50,000 hours life
- cULus certified
- IP65 wet location rated
- Excellent visibility for safer driving
- Easy installation
- 5 year limited warranty

Applications

- Gas stations
- Service stations
- Underground parking lots
- Warehouses
- Garages

Specifications

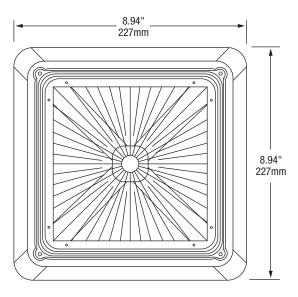
opeenieurono	
Electrical	40 W / 100–277V AC, 50/60Hz
Working Voltage	34-40V DC
Power Efficiency	90%
LEDs	Epistar SMD2835 (0.5W)
Number of LEDs	120
Lumen Output	5082 lumens
Luminous Efficacy	127 LM/W
THD	≤20%
PF	≥0.9
CRI	>80
Color Temperature	5000K
Viewing Angle	160°
Housing	Aluminum + PC
Housing Color	White
Cover	Striped lens
Operating Temperature	-20°C-45°C
Operating Humidity	20-90 RH
Storage Temperature	-30°C-80°C
Storage Humidity	10-95 RH
Application	Indoor / Outdoor
Dimensions	8.94" x 8.94" x 4.53" (227mm x 227mm x 115mm)
Approvals	cULus listed

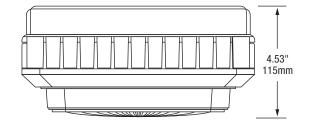
Product Codes

PG - XXX - 40W - X - aaK LED Parking Voltage Colour Temperature Garage Light 120 - 120V 50 - 5000K

Industrial Lighting

Dimensions





High Power LED Flood Light

Available in various beam angles and color temperatures these High Power LED Flood Lights are suitable for a variety of indoor or outdoor applications. With our unique beam profile and uniform photometric distribution, the LED Flood Light series achieves high optical efficiency with state-of-the-art technology to boost overall system efficiency.



Features

Fold-Fin Heatsink (FFH) technology

- Thin aluminum sheets that are pressed into the desired fin structures by fully automated machines
- The heatsink is soldered together using a high temperature furnace resulting in a large total surface area that is extremely light weight

Air ventilation housing design

- Designed to allow very effective air flow across the heatsink
- Helps to direct the heat away from LED light source by natural convection

Distributed heat source

- Evenly distributed light source panel configuration spreads the heat source over larger area
- · Reduced thermal density lowers LED junction temperature

Specifications

Specifications			
Operating Voltage	90 – 305V AC, 50/60 Hz		
LED Type	Phillips Lumileds, Cree, OSRAM		
LED Life	50,000 hours		
Beam Angle	15° / 30° / 40° / 60° / 60° x 135° / 85° x 135°		
System Power (W)	60 W = 6680 W = 90100 W = 110150 W = 170200 W = 220250 W = 280300 W = 330	350 W = 390 400 W = 440 500 W = 550 600 W = 640 800 W = 880 1000 W = 1100	
Luminous Flux** (lm)	60 W = 6,600 80 W = 8,800 100 W = 11,000 150 W = 16,500 200 W = 22,000 250 W = 27,500 300 W = 33,000	350 W = 38,500 400 W = 44,000 500 W = 55,000 600 W = 64,000 800 W = 88,000 1000 W = 110,000	
Color Temperature	3000K – 7000K		
CRI	70		
Operating Temperature	-40°C – +45°C		
Approvals	cETLus listed, DLC certified		

Product Codes

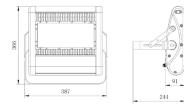
<u>FL</u> - <u>WWW</u> - <u>XX</u> - <u>YY</u> - <u>ZZ</u>					
		T	·	<u>,</u>	
FL Series	Wat	ttage	CCT	Voltage	Beam Angle
10°	060 - 60 W	300 = 300 W	30 - 3000K	UNV - 90–305V AC, 50/60 Hz	15 - 15°
10°	080 - 80 W	350 = 350 W	40 - 4000K	HV - 347–480V AC, 50/60 Hz	30 - 30°
10°	100 - 100 W	400 = 400 W	55 - 5500K		40 - 40°
10°	150 - 150 W	500 = 500 W	70 - 7000K		60 - 60°
10°	200 - 200 W	600 = 600 W			60F - 60° x 135°
10°	250 - 250 W	800 = 800 W			Blank - 85° x 135°
		1000 = 1000 W			

Optional slipfitter available FL-ST (60W-250W)

60W LED Flood Light

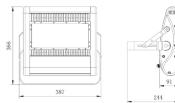


80W LED Flood Light

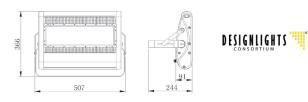


DESIGNLIGHTS

100W LED Flood Light



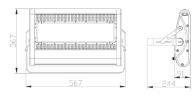
150W LED Flood Light



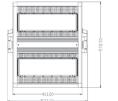
200W LED Flood Light



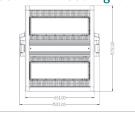
250W LED Flood Light



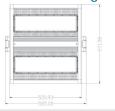
300W LED Flood Light



350W LED Flood Light

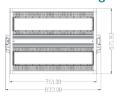


400W LED Flood Light

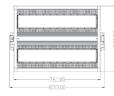




500W LED Flood Light

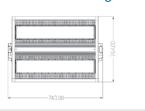


600W LED Flood Light

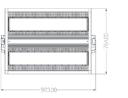


DESIGNUIGHTS

800W LED Flood Light



1000W LED Flood Light







The LED Work Light is an energy savings, impact resistant, long life temporary lighting solution for illuminating workplaces, shops, garages, and warehouses.

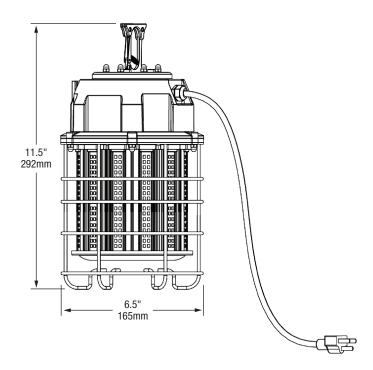


Specifications	
Electrical	AC100-277V, 100W, 50-60Hz
Surge Protection	6 KV
Driver	Internal Driver
LEDs	Epistar 2835
Number of LEDs	408
Life Span	50,000 hours
Lumen Output	12,500 lumens
Luminous Efficacy	125 LM/W
CRI	>80
CCT	5000 K
Beam Angle	360°
Dimensions	6.5" x 11.5" H (165 mm x 292 mm)
Net Weight	2.8 kg
Approvals	DLC, cUL, listed for damp location

Product Code LWL-100W-50

- 50,000 hours life
- Spring Loaded Hook
- 10ft power cord with plug
- 6 KV surge protection
- Hidden, built-in hidden socket
- Eye-catching housing
- Elecyrolytic stainless steel guard
- Epistar LEDs
- Hollow Heat Sink
- Silicone gaskets for damp location use
- 5 year limited warranty

Dimensions



Accessories



LWL-MM Magnet mount kit





LED Switch Star

Suitable for indoor or outdoor use, LED Switch Star is the perfect fixture for security or egress lighting. There are no remote drivers to deal with – LED Switch Star connects directly to 120V and is extremely easy to install. Decorative covers available include Louver, scoop or prism in both horizontal as well as vertical mount options.



DIMMABLE



Now available with Amber LED, that meets FWC requirements

Specifications

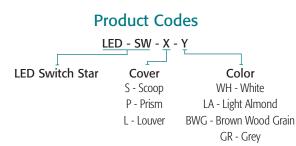
Electrical	120V AC, 1.4W, .012A
LED Type	AC LED
LED Life	40,000 hours to 70% Lumen output
Lumen Output	80
Lumen Efficacy (LPW)	57
Color Temperature	2700K or Amber
CRI	≥ 80
Beam Pattern	120°
Operating Temperature	-30°C – +60°C
Construction	Polycarbonate (5VA flame rated, F1 UV rated) & Glass
Approvals	cETLus listed

Features

- Low power consumption (1.4 watts)
- Easy installation mounts to standard 2" x 4" electrical box
- Indoor or outdoor applications
- 3 colors to choose from
- Dimmable
- 40,000 hour life
- cETLus listed
- 3 year warranty

Applications

- Hallways
- Stairways
- Night Light
- Decks and Patios
- Parking garages
- Elevators
- · Exterior commercial or residential



	``	1 17	
<u>LED - SW</u> - X - Y - COV			
LED Switch Star	Cover	Color	Replacement
	S - Scoop	WH - White	Cover
	P - Prism	LA - Light Almond	
	L - Louver	BWG - Brown Wood Gra	iin
		GR - Grey	

Replacement Cover Product Codes

(sold separately)

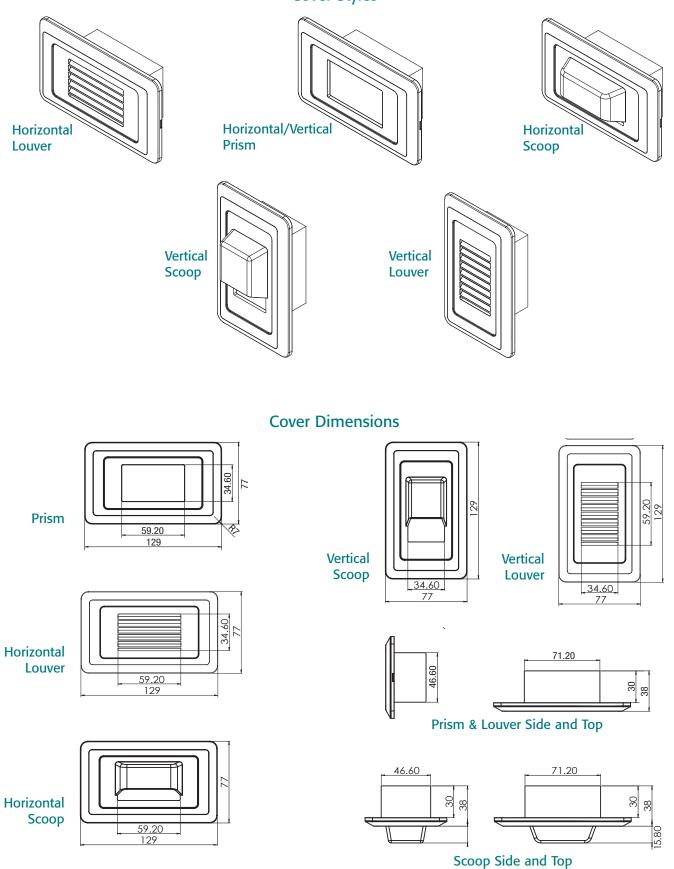
NOTE:

Add (-AM) on the part number for Amber LED fixture Scoop and Louver covers are supplied in both horizontal and vertical.

Fixture Base Only

LED-SW-MOD





LED Step Star

LED Step Star provides a safe, attractive and affordable way to light stairs, hallways and aisleways. LED Step Star is a highly effective and energy efficient recessed fixture suitable for indoor and outdoor use. LED Step Stars are made of cast aluminum for strength and corrosion protection and are suitable for concrete pour installations.



Features

- Low power consumption just 5.2 watts
- 120V AC power input and output with quick connects for easy installation
- Long Life 40,000 hours
- Warm color temperature 3100K +/-200K
- cETLus listed for wet and IC locations
- Suitable for concrete pour installations
- Die cast aluminum construction
- Replaceable 120V DC LED module
- · Dimmable with most trailing edge electronic dimming systems
- 2 year limited warranty

Applications

- Interior stairs
- Exterior stairs
- Aisles
- Hallways
- Paths
- Emergency lighting
- Theaters
- Public areas
- Patios
- Decks

Anywhere that requires security or safety lighting in an aesthetically pleasing manner!

Specifications

opeemedicine	
Electrical	120V AC, 5.2W
Wiring Options	120V AC hardwire – can be daisy chained up to 150 fixtures per 15A circuit
LED Life	40,000 hours
Lumen Output	73.5
Color Temperature	3100K +/-200
CRI	≥ 80
LED Colors	Warm White
Cover Finish	Powder Coated White, Bronze, Brushed Aluminum, Black
Can Finish	Powder Coated White
Construction	Cover and can cast aluminum
Lens	Frosted Tempered Glass
Cover Dimensions Scoop Prism Louver	7 1/2" x 4 5/8" x 1 1/2" (190.5 x 117.5 x 38.1mm) 7 1/2" x 4 5/8" x 3/4" (190.5 x 117.5 x 19.1mm) 7 1/2" x 4 5/8" x 3/4" (190.5 x 117.5 x 19.1mm)
Can Dimensions Scoop Prism Louver	5 1/2" x 4" x 2 1/2" (139.7 x 101.5 x 63.5mm) 5 1/2" x 4" x 2 1/2" (139.7 x 101.5 x 63.5mm) 5 1/2" x 4" x 2 1/2" (139.7 x 101.5 x 63.5mm)
Approvals	cETLus listed for wall, ceiling, wet and IC locations

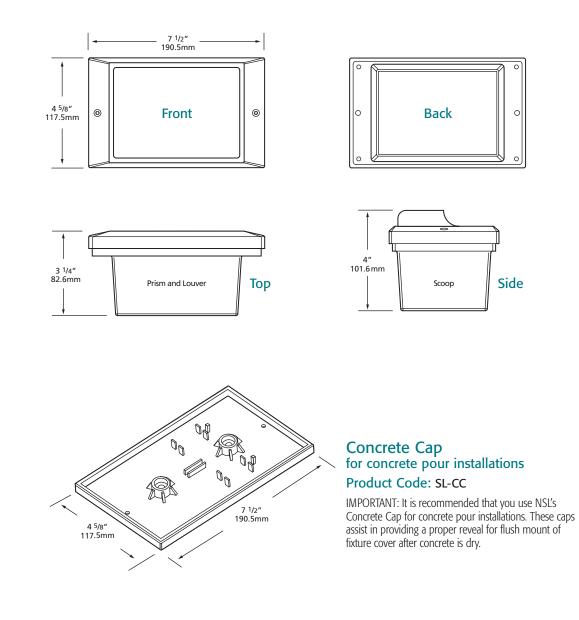


AL - Aluminum

Product Code for Concrete Cap

SL-CC Concrete cap for concrete pour installations

NOTE: For outdoor installations, a 1/2" strain relief cord connector is recommended.



Accessories



LED Brick Star

LED Brick Star provides a safe, attractive and affordable way to light stairs, aisles, paths and entrance ways. LED Brick Star delivers excellent performance at an affordable price. The LED Brick Star has been uniquely designed to the specific size of a standard brick. This provides the perfect solution for those applications where a more linear fixture is required.



120V AC, 5.2W

40,000 hours

3100K +/-200

Warm White

70.5

≥ 80

150 fixtures per 15A circuit

120V AC hardwire - can be daisy chained up to

Powder Coated White, Bronze, Brushed Aluminum,

Black or Stainless Steel in Louver model

9" x 3" x 1 1/2" (228.6 x 76.2 x 38.1mm)

9" x 3" x 3/4" (228.6 x 76.2 x 19.1mm)

9" x 3" x 3/4" (228.6 x 76.2 x 19.1mm)

Cover and can cast aluminum

Frosted Tempered Glass

Powder Coated White or fluorocarbon lacquer

Specifications

Electrical

LED Life

CRI

LED Colors

Cover Finish

Can Finish

Construction

Cover Dimensions

Lens

Scood

Prism

Louver

Wiring Options

Lumen Output

Color Temperature



Features

- · Louver style now available in Stainless Steel
- Low power consumption just 5.2 watts
- 120V AC power input and output with quick connects for easy installation
- Long life 40,000 hours
- Warm color temperature 3100° K
- cETLus listed for wet and IC locations
- Available concrete cap for easy concrete pour installations
- Die cast aluminum construction
- Available in fluorocarbon lacquer can and stainless steel Louver cover for harsh locations
- Dimmable with most trailing edge dimming systems
- Up to 150 fixtures can be daisy chained on one 15 amp circuit
- · 2 year limited warranty, 3 years on stainless steel

Applications

- Interior stairs
- Exterior stairs
- Aisles
- · Hallways
- Paths •
- Emergency lighting
- Theaters
- Public areas

LED Brick Star

- Patios
- Decks

Anywhere that requires secu lighting in an aesthetically p

		,		,
	Can Dimensions Scoop Prism Louver	7 11/16″ x 2	13/32" x 3 7/3	2" (195.6 x 61.0 x 81.3mn 2" (195.6 x 61.0 x 81.3mn 2" (195.6 x 61.0 x 81.3mn 2" (195.6 x 61.0 x 81.3mn
	Approvals	cETLus listed	l for wall, ceilin	g, wet and IC locations
s security or safety ally pleasing manner!		<u>,</u>		
Product Codes	Replacemen LBR-KIT	ıt Kit		uct Code for crete Cap BL-CC
Cover Color of LED Cover Finis	sh	(Concrete cap fo	r concrete pour installation

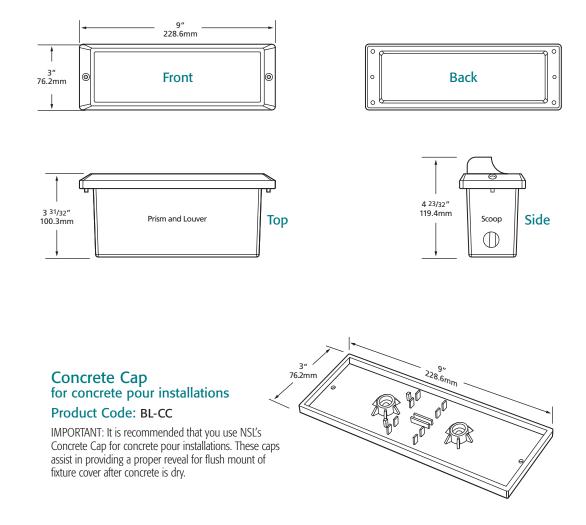
Product Code for Concrete Cap

BL-CC Concrete cap for concrete pour installations

NOTE: For outdoor installations, a 1/2" strain relief cord connector is recommended.

WH - White P - Prism White BK - Black S - Scoop BZ - Bronze L - Louver AL - Aluminum SS - Stainless Steel

NOTE: Stainless Steel finish available in Louver cover only.



Accessories



LEDMOD-32-FF Replaceable LED Module

LED Wall Star

LED Wall Star by NSL provides a safe, attractive and affordable way to light interior and exterior steps, aisles, halls, paths, entrance ways and patios & decks.







Features

- Replaceable 120V DC LED module
- Pleasingly warm color temperature of 3100K
- Three cover designs: Louver, Prism and Scoop
- Four cover color options: White, Black, Bronze or Aluminum
- Dimmable
- cETLus listed for wet and IC locations
- Use in poured concrete
- Can be surface mounted or recessed into any hole 5" diameter and 3" deep
- 2 year limited warranty

Applications

- Interior stairs
- Exterior stairs
- Aisles
- Hallways
- Paths
- Patios & Decks
- Entry lighting
- Post lighting
- Showers

Anywhere that requires security or safety lighting in an aesthetically pleasing manner!

Product Codes

	<u>LWS</u> - <u>X</u> - <u>YY</u>	
LED Wall Star	Cover Type	Cover Finish
	P - Prism	WH - White
	S - Scoop	BK - Black
	L - Louver	BZ - Bronze
		AL - Aluminum

Mounting Options





Surface mounted

Specifications

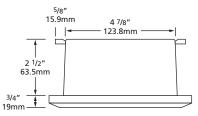
Electrical	120V AC, 43mA, 5.2 watts
Wiring Options	120V AC hardwire – can be daisy chained up to 150 fixtures per 15A circuit
LED Module Life	Replaceable 120V DC LED module rated at 40,000 hours
Color Temperature	3100K +/-200
Wiring Options	120V AC hardwire – can be daisy chained up to 150 fixtures per 15A tap. Check local code and NEC for wiring selection.
LED Colors	Warm White
Cover Finish	Powder coated white, black, bronze or natural aluminum
Can Finish	Powder coated white with white reflector
Construction	Cover and can die cast aluminum
Lens	Frosted Tempered Glass
Approvals	cETLus listed for wet and IC locations

Product Code for Concrete Cap

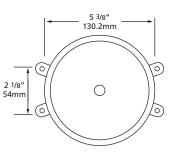
WL-CC Required for all concrete pour and brick wall applications

NOTE: For outdoor installations, a 1/2" strain relief cord connector is recommended.

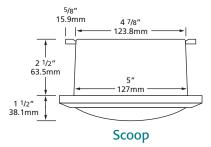




Louver, Prism



Mounting Hole Locations



Cover Types and Finish







Scoop Cover

Prism Cover

Accessories



WL-CC Wall Star Concrete Cap, required for all concrete pour and brick wall applications



LEDMOD-32-FF Replaceable LED Module

LED Wall Sconces

Suitable for indoor or outdoor use, this attractively designed fixture provides both an up light and down light component utilizing our replaceable 5.2 watt LED modules. You can also elect to have only an up light or down light component if you wish. Rugged die-cast aluminum construction in four finishes make this fixture a natural choice that will last for many years.

Features

- Replaceable 5.2 watt LED modules
- Energy efficient at just 10.4 watts overall power consumption
- · Dimmable with most trailing edge electronic dimming systems
- Rugged Cast Aluminum construction
- 40,000 hour LED life
- Mounts to CSA listed 4" octagonal junction box
- White, Bronze, Black and Aluminum finishes available
- Dual top and bottom, or, top or bottom single light operation option
- · cETLus listed wet location for exterior or interior applications
- Powder coated finish
- 2 year limited warranty

Applications

- Exterior residential
- Exterior commercial
- Entrance ways
- Hallway lighting
- Hotel hallways
- Restaurants
- Stairways
- Lobbies
- Outside elevators
- Deck Lights
- Patio Lights





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DIMMABLE

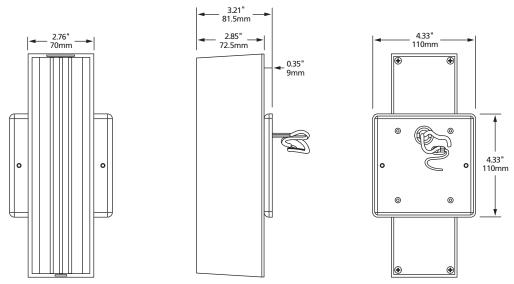
Specifications

Electrical	Input: AC 120V 2 LED modules in use 10.4 watts 1 LED module in use 5.2 watts
Wiring Options	120V AC hardwire – can be daisy chained up to 150 fixtures per 15A circuit
LED Life	40,000 hours
Max. Number of Fixtures per Circuit	75
Lumen Output	70.5
Color Temperature	3100K +/-200
CRI	≥ 80
LED Color	Warm White
LED Angle	90 degrees
Replacement LED Module	LEDMOD-32-FF
Product Finish	Brushed Aluminum, Black, Bronze, White
Construction	Cast aluminum
Lens	Tempered Glass
Dimensions	9.375" H X 2.75" W X 3.0" D
Junction Box Cover	4.375" H X 4.375" W X 0.375" D
Approvals	cETLus listed wet locations, for indoor and outdoor applications

Product Codes

<u>LSS</u> - <u>WW</u> - <u>XX</u>			
LED Wall Sconce	Color of LED	Finish	
	Warm White	WH - White	
		BK - Black	
		BZ - Bronze	
		AL - Aluminum	





Front View

Side View

Back View

Accessories



LEDMOD-32-FF Warm white LED replacement module 3100K ± 200

LED Outdoor Sconces

LED Outdoor Sconce combines the elegant design with high efficiency LEDs, making it ideal for use in up light and down light applications, for both indoor and outdoor.



Features

- Housing Rugged ADC12 die cast aluminum construction
- Mounts to CSA listed 4" octagonal junction box
- LED life: 50,000 hours
- Powder coated finish
- Photocell (optional)
- cULus listed for wet locations-IP65
- 5 year limited warranty

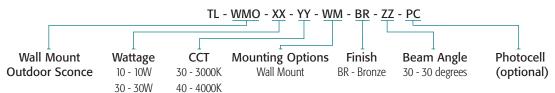
Applications

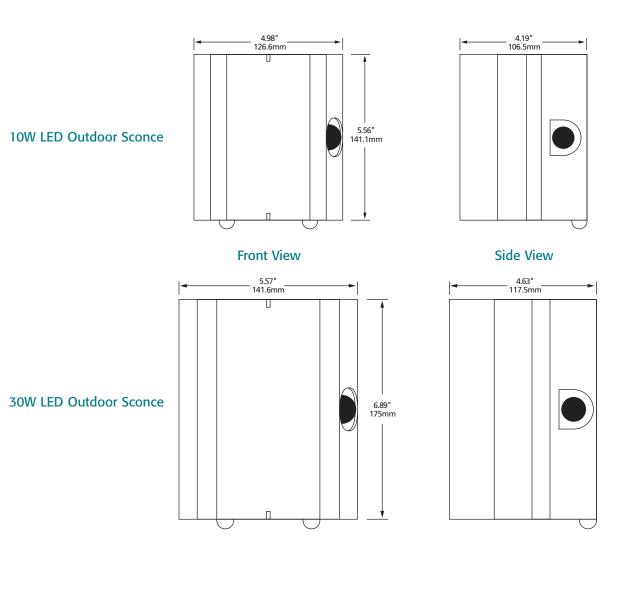
- Exterior residential
- Exterior commercial
- Entrance ways
- Hallway lighting
- Hotel hallways
- Restaurants
- Stairways
- Lobbies
- Outside elevators
- Deck Lights
- Patio Lights

Specifications

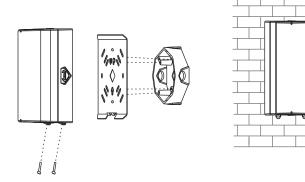
Electrical TL-WMO-10-YY-WM-BR-ZZ TL-WMO-30-YY-WM-BR-ZZ	100–277V AC, 10W, 0.15A 100–277V AC, 30W, 0.38A
Power Factor	> 0.90
LED Lifetime	> 50,000 hrs.
Lumen Output TL-WMO-10-YY-WM-BR-ZZ TL-WMO-30-YY-WM-BR-ZZ	1000 3000
Beam Angle	30°
Product Finish	Powder coated finish
Construction	ADC12-die cast aluminum
Dimensions TL-WMO-10-YY-WM-BR-ZZ TL-WMO-30-YY-WM-BR-ZZ	5 3/4" x 5" x 4 1/4" (145 x 126 x 106mm) 7" x 5 5/8" x 4 5/8" (179 x 141 x 117mm)
Approvals	cULus listed wet locations-IP65







Mounting Options



Low Voltage Mini Flood Light

Low Voltage Mini Flood Lights provide exceptional illumination in a variety of beam spreads and colors and are IP65 rated for wet locations.



Specifications

opeenieurene	
Electrical	Static Color = 24V DC, 28W max. RGB Color Change = 24V DC, 26.4W max.
Current (Static) Static Color RGB Color Change	1.2A max. 1.1A max.
LED Life	50,000 hours (L70)
No. of LEDs per module Static Color MDSL-10 RGB Color Change	10 pcs. (OSRAM) 6pcs. (Helio)
Luminous Flux Warm White (WW) Cool White (CW)	1000 lumens 1400 lumens
Color Temperature Warm White (WW) Cool White (CW)	3000K (+/-200K) 6500K (+/-500K)
CRI	Warm White $- \ge 80$, Cool White $- >70$
LED Color	Warm White, Cool White, Blue, RGB
Product Material	Aluminum Alloy
Product Finish	Plating & Sand Blast
Cover Color	Clear
Dimensions	4 13/16" x 4 13/16" x 2 3/4" (122 x 122 x 70mm)
Operating Temperature	-20°C – +50°C
Approvals	cETLus listed for wet locations

For RGB version - controllers and signal amplifiers on page 119.

Product Codes <u>MDSL</u> - <u>XX</u> - <u>YY</u> Low Voltage LED Mini Flood 10° 10° WW - Warm White 30° CW - Cool White 40° BL - Blue RGB - RGB Color Change

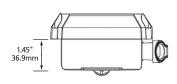
NOTE: Static Colors available in 10° & 30°, RGB available in 40°. Blue LED fixture is special order, MOQ required.

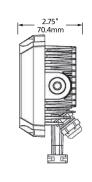
Features

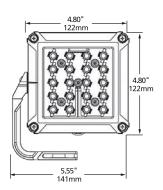
- Compact size
- Adjustable mounting arm with degree markings allows easy fixture aiming
- Safe 24 Volt operation
- Long life 50,000 hours
- Several mounting options including ground mount, wall mount, extended wall mount
- High lumen output
- Available in Warm White, Cool White, Blue and RGB color change
- Available in 10° and 30° beam spreads static colors, 40° for RGB
- Comes with 6' (1.8m) power feed wire for static colors, 6' with quick connect for RGB
- RGB can be controlled with stand alone controller or with existing DMX systems
- 2 year limited warranty

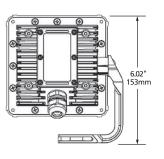
Applications

- Spot lighting architectural features
- Narrow spots for grazing building facades
- Signage illumination
- Dock lighting
- Parking lots
- Flag poles
- Landscape lighting









Accessories



HVDC-EXA Extendable Arm Wall Bracket, 9" - 12"



HVDC-GMS Ground Mount Stake



TCJ-E06 6' (1.8m) Extension Cord for RGB TCJ-E30 30' (9.1m) Extension Cord for RGB



MDSL-Y-002 RGB Y connector



LES-BTMC-G4-SI Signal in connector for RGB eStrip connection to outdoor signal amplifier



LES-BTMC-G4-SO Signal out connector for RGB eStrip connection to outdoor signal amplifier



LES-001-OD-6FT Power feed connector for connection to outdoor signal amplifier



LV-ZJFFS-3CH-6INW WD Signal amplifier for RGB 12/24V DC, 3 channel, outdoor



LT-O9S-RF 6 Key RGB "touch" controller 12/24V DC



LN-CON-WIFI-3CH-XV WiFi controller for RGB, CCT, and dimming, c/w RF remote 12/24VDC

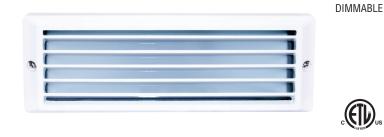
Indoor/Outdoor Non Dimmable Drivers

LEDDR-24-120W

Maximum 4 Low Voltage Mini Flood Lights. 120W hardwire Input: 100 - 240V AC Output: 24V DC 10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

Xenon Brick Light

Xenon Brick Light provides a safe, attractive and affordable way to light stairs, aisles, paths and entrance ways. Xenon Brick Light (XBL) comes with an 18 watt xenon lamp and has been uniquely designed to fit a standard brick void. This provides the perfect solution for those applications where a more linear fixture is required.



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Features

- · Louver style now available in Stainless Steel
- · Safety burns significantly cooler than halogen
- · Low pressure lamps are safer than halogen
- Easy to re-lamp
- Long life 10,000 hours
- · No harmful UV rays from lamp
- Fast and easy installation •
- cETLus listed for wet locations
- Die cast aluminum construction suitable for concrete pour installations
- Available in fluorocarbon lacquer can and stainless steel Louver cover for harsh locations
- 120 volt push in connectors for ease of power input
- Bulb replacement has low voltage safety (12 volt class 2 transformer in each fixture)
- Dimmable
- 1 year limited warranty

Applications

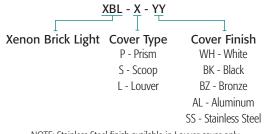
- Interior stairs Exterior stairs
- Theaters Public areas
- Patios
- Aisles Hallways
- Paths

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- Emergency lighting
- Decks Anywhere that requires security or safety lighting in an aesthetically pleasing manner!

Product Codes



NOTE: Stainless Steel finish available in Louver cover only.

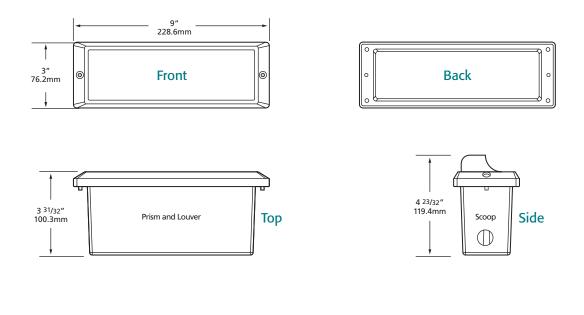
Specifications

Electrical	120V AC, 18W
Wiring Options	120V AC hardwire – can be daisy chained up to 66 fixtures per 15A circuit
Average Lamp Life	10,000 hours
Color Temperature	2750K
Replacement Lamp	12V, 18W, product code XEN-12-18W
Cover Finish	Powder Coated White, Bronze, Brushed Aluminum, Black or Stainless Steel in Louver model
Can Finish	Powder Coated White or fluorocarbon lacquer
Construction	Cover and can cast aluminum
Lens	Frosted Tempered Glass
Cover Dimensions Scoop Prism Louver	9" x 3" x 1 1/2" (228.6 x 76.2 x 38.1mm) 9" x 3" x 3/4" (228.6 x 76.2 x 19.1mm) 9" x 3" x 3/4" (228.6 x 76.2 x 19.1mm)
Can Dimensions Scoop Prism Louver	7 11/16" x 2 13/32" x 3 7/32" (195.6 x 61.0 x 81.3mm) 7 11/16" x 2 13/32" x 3 7/32" (195.6 x 61.0 x 81.3mm) 7 11/16" x 2 13/32" x 3 7/32" (195.6 x 61.0 x 81.3mm)
Approvals	cETLus listed for wall, ceiling, wet and IC locations

Product Code for Concrete Cap

BL-CC Concrete cap for concrete pour installations

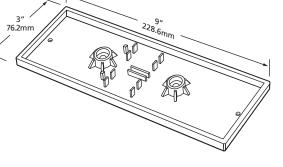
NOTE: For outdoor installations, a 1/2" strain relief cord connector is recommended.



Concrete Cap for concrete pour installations

Product Code: BL-CC

IMPORTANT: It is recommended that you use NSL's Concrete Cap for concrete pour installations. These caps assist in providing a proper reveal for flush mount of fixture cover after concrete is dry.



Replacement Transformer XSL-TRANS

Xenon Step Light

Xenon Step Light provides a safe, attractive and affordable way to light stairs, hallways and aisleways. Xenon Step Light (XSL) comes with an 18 watt xenon lamp. Xenon Step Light is made of die cast aluminum and comes with integral 12 volt transformer and housing for easy installation into walls of any construction.



Features

- Safety burns significantly cooler than halogen
- Low pressure lamps are safer than halogen
- Easy to re-lamp
- Long life 10,000 hours
- No harmful UV rays from lamp
- Lamp lumen output 264 lumens
- Fast and easy installation
- · cETLus listed for wet locations
- Die cast aluminum construction suitable for concrete pour installations
- 120 volt push in connectors provided for ease of power input
- Bulb replacement has low voltage safety (12 volt class 2 transformer in each fixture)
- Dimmable
- 1 year limited warranty

Applications

- Interior stairs
- Exterior stairs
- Aisles
- Hallways
- Paths
- Emergency lighting
- Decks Anywhere that requires security or safety lighting in an aesthetically pleasing manner!

TheatersPublic areas

Patios

Specifications

Electrical	120V AC, 18W
Wiring Options	120V AC hardwire – can be daisy chained up to 66 fixtures per 15A circuit
LED Life	10,000 hours
Color Temperature	2750К
Replacement Lamp	12V, 18W, product code XEN-12-18W
Cover Finish	Powder Coated White, Bronze, Black, Brushed Aluminum
Can Finish	Powder Coated White
Construction	Cover and can cast aluminum
Lens	Frosted Tempered Glass
Cover Dimensions Scoop Prism Louver	7 1/2" x 4 5/8" x 1 1/2" (190.5 x 117.5 x 38.1mm) 7 1/2" x 4 5/8" x 3/4" (190.5 x 117.5 x 19.1mm) 7 1/2" x 4 5/8" x 3/4" (190.5 x 117.5 x 19.1mm)
Can Dimensions Scoop Prism Louver	5 1/2" x 4" x 2 1/2" (139.7 x 101.5 x 63.5mm) 5 1/2" x 4" x 2 1/2" (139.7 x 101.5 x 63.5mm) 5 1/2" x 4" x 2 1/2" (139.7 x 101.5 x 63.5mm)
Approvals	cETLus listed for wall, ceiling, wet and IC locations

Product Codes

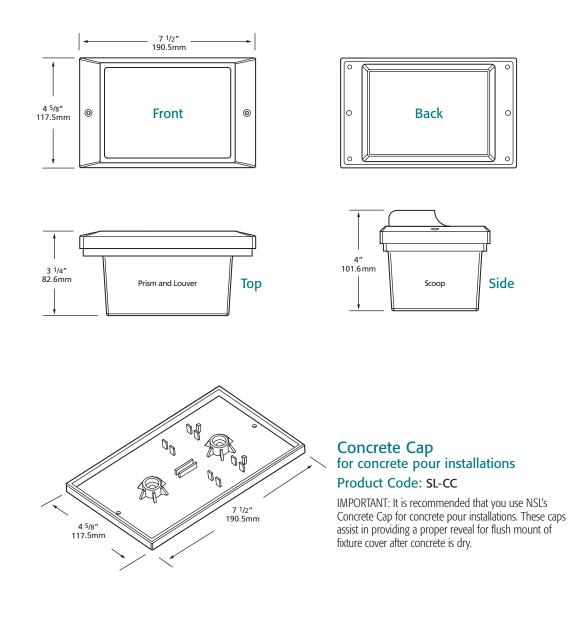
<u>XSL</u> - X - YY						
Xenon Step Light	Cover Type P - Prism	Cover Finish WH - White				
	S - Scoop	BK - Black				
	L - Louver	BZ - Bronze				
		AL - Aluminum				

Product Code for Concrete Cap

SL-CC

Concrete cap for concrete pour installations

NOTE: For outdoor installations, a 1/2" strain relief cord connector is recommended.



Replacement Transformer XSL-TRANS

Xenon Wall Light

Xenon Wall Light by NSL provides a safe, attractive and affordable way to light interior and exterior steps, aisles, halls, paths, patios and entrance ways. There are three decorative covers to choose from: Louver, Scoop or Prism. Each cover is available in White, Black, Brushed Aluminum or Bronze.





Features

- Xenon lamps burn significantly cooler than halogen
- Brighter than fluorescent
- Four times the lamp life, at half the replacement cost of 120 V halogen
- No harmful UV rays
- Safe low pressure bulbs
- Dimmable
- cETLus listed for wet and IC locations
- Diecast aluminum construction suitable for concrete pour installations
- 1 year limited warranty

Applications

- Interior stairs
- Exterior stairs
- Aisles
- Hallways
- Paths
- Patios & Decks
- Emergency lighting
- Theaters
- Public areas
- Patios

Anywhere that requires security or safety lighting in an aesthetically pleasing manner!

Specifications

Electrical	120V AC, 18W
Wiring Options	120V AC hardwire – can be daisy chained up to 66 fixtures per 15A circuit
LED Life	10,000 hours
Color Temperature	2750K
Replacement Lamp	12V, 18W, product code XEN-12-18W
Cover Finish	Powder Coated White, Bronze, Black, Brushed Aluminum
Can Finish	Powder Coated White
Construction	Cover and can cast aluminum
Lens	Frosted Tempered Glass
Cover Dimensions Scoop Prism Louver	6 3/8" x 1 1/2" (161.9 x 38.1mm) 6 3/8" x 5/8" (161.9 x 15.87mm) 6 3/8" x 3/4" (161.9 x 19.0mm)
Can Dimensions with surface mounting tabs Scoop Prism Louver	6 1/4" x 3" (159.0 x 76.2mm) 6 1/4" x 3" (159.0 x 76.2mm) 6 1/4" x 3" (159.0 x 76.2mm)
Can Dimensions with surface mounting tabs removed Scoop Prism Louver	4 7/8" x 3" (124.0 x 76.2mm) 4 7/8" x 3" (124.0 x 76.2mm) 4 7/8" x 3" (124.0 x 76.2mm)
Approvals	cETLus listed for wall, ceiling, wet and IC locations

Product Code for Concrete Cap

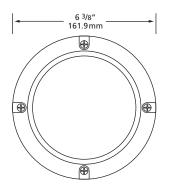
WL-CC Concrete cap for concrete pour installations

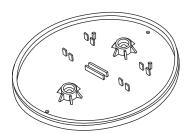
NOTE: For outdoor installations, a 1/2" strain relief cord connector is recommended.

Product Codes

<u>XWL</u> - X - YY							
Xenon Wall Light	Cover Type	Cover Finish					
	P - Prism	WH - White					
	S - Scoop	BK - Black					
	L - Louver	BZ - Bronze					
		AL - Aluminum					







Concrete Cap for concrete pour installations Product Code: WL-CC

IMPORTANT: It is recommended that you use NSL's Concrete Cap for concrete pour installations. These caps assist in providing a proper reveal for flush mount of fixture cover after concrete is dry.

Cover Types and Finish







Prism Cover

Louver Cover

Replacement Transformer XSL-TRANS

Switchex[®] LED DRIVER + DIMMER IN ONE

SWITCHEX® is a dimmer with an integrated driver that converts 120VAC to either 12VDC or 24VDC. This means SWITCHEX® is all you need between your line voltage and low voltage LED lighting. Best of all, it fits in a standard electrical box. SWITCHEX® solves two of the most common LED lighting challenges:

- Poor dimming performance that often results when a dimmer and LED driver are made by different manufacturers
- Finding a place to fit the LED driver

Features

- Eliminates driver/switch compatibility issues
- Easy in-line installation
- Integrated LED driver
- Excellent dimming performance
- Fits in a standard electrical box
- · Preset dimmer with on/off switch
- 100W, 24V DC capacity 60W, 12V DC capacity (separate model)
- 2 year limited warranty



3 switch plate faces included - Glossy Dark Brown, Glossy Light Almond, Glossy White. Glossy Black option sold separately. Electrical box not included.



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DIMMABLE

UL2108 Certified

Specifications

Electrical	SX-12V-DD-60W = 120V AC input, 12V DC output SX-24V-DD-100W = 120V AC input, 24V DC output		
Environment	Indoor		
Connection Type	Hardwire		
Mounting	Single-Gang Box		
Approvals	UL Listed 2108		

Product Codes

<u>SX</u> - <u>XX</u> V - DD - <u>YY</u> W					
		1			
Switchex	Output Voltage	Wattage			
	12 - 12VDC	60 - 60W			
	24 - 24VDC	100 - 100W			

Trim Plate Product Codes (sold separately)

<u>SX</u> - TP - <u>XX</u>

Switchex Trim Plate Finish BR - Glossy Dark Brown LA - Glossy Light Almond WH - Glossy White BL - Glossy Black*

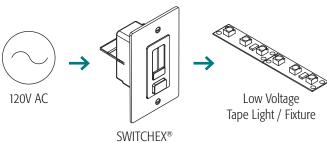
* Ships with Face Plate and Trim Plate

The Driver Is Inside

SWITCHEX[®] is all you need between your line voltage and low voltage LED lighting. The integrated driver converts 120VAC to either 12VDC or 24VDC and it fits in a standard electrical box.

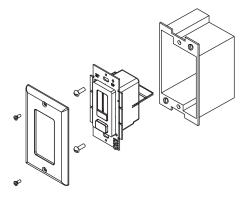


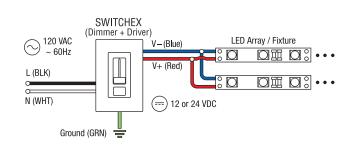




SWITCHEX[®] (Driver + Dimmer)

SWITCHEX® Driver and Dimmer Switch Diagram





LED Drivers Selector Chart

NON DIMMABLE DRIVERS











Indoor, Non-Dimmable	Low Voltage Mini Flood Light	LED Mini Star II	LED Tape Light [†]	LED Globe Light	
LMS-24-18W 24V, 18W, plug in	-	Max. 4 LEDMS II	_	_	
LMS-24-60W 24V, 60W plug in	_	Max. 16 LEDMS II	_	-	
LTH-24-65W 24V, 60W, plug in	_	_	_	_	

Indoor/Outdoor Non-Dimmable					
LEDDR-12-60W 12V, 60W, hardwire, outdoor, Max. 60W	_	_	-	_	
LEDDR-24-120W 24V, 120W, hardwire, outdoor, Max. 120W	Max. 4 MDSL single color or RGB	Max. 32 LEDMS II 16 per single secondary tap	LED Tape Light: Max. recommended load 90W or 20' (6.1m) per single tap, 120W or 27' (8.23m) combined two secondary taps. CCT series: 16' (4.88m) per single tap, 22' (6.71m) combined two secondary taps.	Max. 180 Globes per single tap, max. 120 combined two secondary taps.	

Indoor/Outdoor Dimmable					
TRE12L20DC ⁺⁺ 12V, 20W, hardwire, outdoor, dimmable, Max. 18W, Min. 10W	_	_	-	_	
TRE12L60DC++ 12V, 60W, hardwire, outdoor, dimmable, Max. 54W, Min. 30W	_	_	-	_	
TRE24L40DC†† 24V, 40W, hardwire, outdoor, dimmable, Max. 36W, Min. 20W	Max. 1 MDSL single color	Max. 10, Min. load 10W or 3 LED Mini Star II	LED Tape Light: Max. recommended load 36W or 8' (2.44m), Min. 8W or 2' (.61m). CCT series: Max. 6' (1.83m), Min. 2' (.61m).	Max. 80 Globes	
TRE24L96DC†† 24V, 100W, hardwire, outdoor, dimmable, Max. 90W, Min. 50W	Max. 3 MDSL single color	Max. 25, Min. load 10W or 3 LED Mini Star II	LED Tape Light: Max. recommended load 90W or 20' (6.1m), Min. 8W or 2' (.61m). CCT series: Max. 16' (4.88m), Min. 2' (.61m).	Max. 180 Globes	

† Note: Above maximum and minimum lengths are for Standard Tape. You may double these when using LP, Low Power Tape. †† TRE drivers require E-KO-SR for outdoor applications

LED Wedge Light	LED Hard Strip	LED Thin Star	LED Britestrip	LED eSTRIP	LED Disc Light	LED MiniDisc Light
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	_	Max. total 60 Thin Star LEDs*	_	-	_	-

Max. 200 Globes	-	-	_	-	Max. 18 LEDD	Max. 200 LEDMD
-	-	-	Festoon .52W LED modules: Max. 110 per single secondary tap, max. 185 total	Max. 90" (27.43m) per single secondary tap, max. 120' (36.58m) combined two secondary taps. RGB eStrip & HP eStrip: 40' (12.19m) per single secondary tap, 50' (15.24m) combined secondary taps	-	-

Max. 80 Globes	-	-	-	-	Max. recommended load 18W or 6 LEDD Min. recommended load 8W or 3 LED Disc Lights	Max. 75 LEDMD Min. recommended load 8W or 34 LED MiniDisc Lights
Max. 200 Globes	-	_	-	-	Max. recommended load 54W or 18 LEDD Min. recommended load 8W or 3 LED Disc Lights	Max. 200 LEDMD Min. recommended load 8W or 34 LED MiniDisc Lights
_	Max. recommended load 36W, min. 8W LED Hard Strip	Max. total 60 Thin Star LEDs* Min. recommended load 8W or 18 Thin Star LEDs	Max. 76 LED lamps Min. 16 LED lamps	LED eStrip: Max. 37.5' (11.43m), Min. 8W, 9' LED eStrip (2.7m). High Power: Max. 18' (5.49m), Min. 4' (1.2m)	-	-
-	Max. recommended load 90W, min. 8W LED Hard Strip	_	Max. 180 LED lamps Min. 16 LED lamps	LED eSTRIP: Max. 90' (27.4m), Min. 8W, 9' LED eStrip (2.7m). High Power: Max. 40' (12.19m), Min. 4' (1.2m)	-	-

* Please refer to catalogue for # of LEDs per fixture.

LED Controllers Chart

DMX DECODER	Description			
LV-DMX-IP-RGB-3CH	3CH DMX Decoder 12/24V DC output, <4A MAX, 12<144W, 24v<288W			
LV-DMX-IP-RGB-4CH	4CH DMX Decoder 12/24V DC output, <4A MAX, 12<192W, 24v<384W			
DMX CABLE	Description			
LVL-DMX-3PIN-1FT	1ft Long power cable with XLR waterproof connector			
LVL-DMX-3PIN-5FT	5ft Long power cable with XLR waterproof connector			
LVL-DMX-3PIN-10FT	10ft Long power cable with XLR waterproof connector			
LVL-DMX-3PIN-25ft	25ft Long power cable with XLR waterproof connector			
LVL-DMX-3PIN-50FT	50ft Long power cable with XLR waterproof connector			
LVL-DMX-3PIN-60FT	60ft Long power cable with XLR waterproof connector			
LVL-DMX-3PIN-100FT	100ft Long power cable with XLR waterproof connector			
DMX CONTROLLERS	Description			
SLESA-U9	Entry level, USB 256 channels			
STICK-GA2	Mid range, touch control pad 512 channels			
STICK-GU2	DMX, touch control pad, 128 channels			
STICK-DE3	Professional, touch control Pad 1024 channels			
DMX ACCESSORIES	Description			
LV-DMX-XLR3-ST	XLR3 Signal terminator			
LV-DMX-3PIN	Power cable XLR waterproof connector			
SENSOR	Description			
LV-SPIR-1CH-LV	PIR Motion sensor, 1 channel, 12/24V DC			
CONTROLLERS & AMPLIFIERS	Description			
LT-09S-RF	6 Key RGB "touch" controller 12/24V DC			
LT-390A	Signal amplifier for RGB 12/24V DC, 3 channel, indoor			
LT-031-RF	6 Key CCT Adjustable "touch" controller 12/24V DC			
LT-290A	Signal amplifier for CCT color adjust tape light 12/24V DC			
LT-032-RF	6 Key Dimming "touch" controller 12/24V DC			
LT-190A	Dimming signal amplifier			
LV-ZJFFS-3CH-6INW	WD Signal amplifier for RGB 12/24V DC, 3 channel, outdoor			
LV-RF103	Wireless RF mini RGB controller 24V, 96W			
LV-RF103-EXHS	6" Tape Light extension connector for LV-RF103 controller			
LN-CON-WiFi-3CH-XV	WiFi controller for RGB, CCT, and dimming, c/w RF remote 12/24VDC			
LT-10S-WH	Wall mount RGB controller			
LT-11S-RF	RGBW controller			
LT-490A	RGBW signal amplifier			

NSL



LT-11S-RF

LV-DMX-XLR-ST

LV-HS-CN-3DC

Cense Controller

CENSE is a low voltage Direct Current energy system that transforms the energy of a home or business from conventional High Voltage to Safe Low Voltage. CENSE can be powered from different sources and allows for direct connection to renewable energy sources. Our first module LM1 powers and controls your LED lighting.

Smart Control – Intelligent

The CENSE system is connected and intelligent. Inputs can be configured to turn off a single light, an entire building or set your lighting for movie time. Sensors can be attached to the system for full control and our THEA application puts you in control of your energy. CENSE is software controlled allowing a full integration platform to connect with other smart devices and systems.

Modular Design – Efficient

CENSE is designed with our energy future in mind. CENSE can accept different modules to power and control many DC powered devices. Our first module LM1 focuses on LED Lighting power and control. LM1 provides a truly connected, highly efficient LED DC drive solution.

Power is changing and so is the way we think about it.

Features

- Healthy lighting technology
- Flexible & capable with a total of 8 LM1 units per system
- 4 channels of control with up to 100w per channel power
- · Hot swappable allowing rapid field service
- Dimming control
- Smart IoT compatibility
- Works with Apple Homekit, Google Home, and Amazon Alexa
- DALI with power
- DMX in/out
- BACnet ready
- API integration
- Operating Ambient Temperature: -10 to +40 C
- 10 year limited warranty









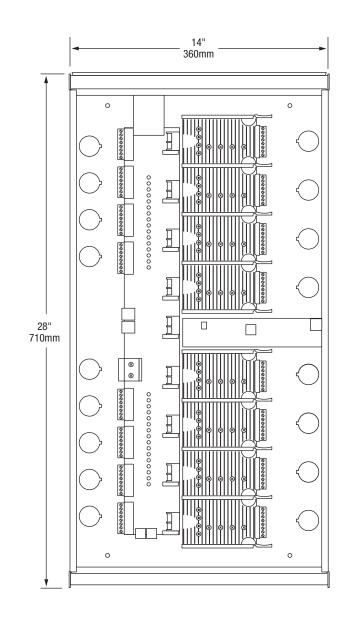
Specifications

Electrical Input	48V DC
Input Options	32 zones of hard wired control inputs 32 zones of wireless control inputs
Electrical Output	Constant Current LM1, Class II power Up to 1.8A constant current channels
LM1 Output Power	100W per channel max
LM1 Output Current	50 to 1800mA per channel
Current Range	50 to 1800mA via programming
Operating Ambient Temperature	-10 to +40 C
Approvals	cULus listed

LM1 Module



Product Code CENSE





Transformers - Magnetic

ETL listed indoor and outdoor



TR-12-240

10" x 4.25" x 3.6" 1 circuit at 240 watts for 12V AC









- All transformer and LED driver dimensions are Length x Width x Height
- All transformer dimensions are of enclosure including mounting flanges and included strain relief

NOTE:

• All transformers should be totally enclosed, and must ventilate

TR-24-960

12.5" x 7.0" x 4.75"

2 circuits at 480 watts each for 24V AC

• All LED drivers, dimmers and transformers carry a two year warranty

Transformers - Electronic

UL listed as a component ("RU" Marking).



TE-12-105 3.0" x 1.25" x 0.75" 1 circuit at 105 watts for 11.6V AC



Check your fixture listing for acceptability. All connections must be made per fixture listing and NEC. 120V AC input/11.6V AC output.

TE-12-80 2.125" x 1.25" x 0.75" 1 circuit at 80 watts for 11.6V AC



Transformers - Electronic

ETL listed as a stand alone power supply ("ETL" Marking).

Each transformer is enclosed in a painted steel enclosure with 1/2" knockouts for the incoming 120V AC and the 11.7V AC output.



TR-24-960





MISSION STATEMENT

NSL is dedicated to be a leader in providing quality innovative lighting solutions for our customers. Continuous attention to professionalism, efficiencies and ethics will allow our team to accomplish our goals in a profitable manner. Improvement is constant!

WARRANTY

National Specialty Lighting (NSL) warrants this lighting system to be free from defects in material and/or workmanship, under normal use and service, for a period of ONE YEAR (TWO YEARS to FIVE YEARS for LED products) from the date of original purchase. Please note that incandescent/ xenon lamps are EXCLUDED from this warranty.

In the event of a defect in material or workmanship during the warranty period, NSL will repair or replace (at its option) your Lighting System under the conditions of warranty. NSL will do this at its expense for the cost of materials but not for shipping. THIS REMEDY IS THE SOLE AND EXCLUSIVE REMEDY FOR ANY AND ALL CLAIMS RELATING TO ANY BREACH OF WARRANTY BY NSL.

LIMITATIONS, EXCLUSIONS AND OTHER RIGHTS

- A. Except as provided herein, NSL makes no other warranties express or implied, including but not limited to the implied warranties or merchantability or fitness for a particular purpose, and all such warranties are expressly disclaimed.
- B. In no event shall NSL be liable for indirect, incidental or consequential damages, even if NSL has been advised of the possibility of such damage. This disclaimer applies during and after warranty period.
- C. NSL is not responsible for malfunctions in and/or damage to Lighting Systems where a sale is specifically made without warranty. In such an event the disclaimers of warrant and liability, set forth above, shall continue to apply.
- D. This warranty covers normal consumer use and does not cover damage which occurs during shipment or failure which results from alteration, accident, theft, misuse, abuse, abnormal use, negligent installation, improper maintenance or where adequate care has not been taken to prevent ice or snow damage to the lighting system.
- E. Specifically, when installing mini disc lights in harsh environments such as limestone, salted areas, coastal environments etc. Please use the stainless steel version to avoid the risk of corrosion to body of fixture and voiding warranty.

If you discover a defect or malfunction during the period to which this warranty applies, call or email NSL for information or to receive warranty service.

Note: You must contact our office for a RETURN GOODS AUTHORIZATION number before returning product. After inspection it will be determined whether a credit is due.



DID YOU KNOW?



Once a customer has reached a cumulative purchase level of \$3,000.00 they are entitled to free normal UPS ground freight charges within the 48 contiguous states on every order* (residential deliveries excluded) *Minimum \$100.00 order to qualify for free freight. With our prompt delivery pledge National Specialty Lighting offers same day shipping on all non-custom orders placed before 12:00pm Eastern Time.



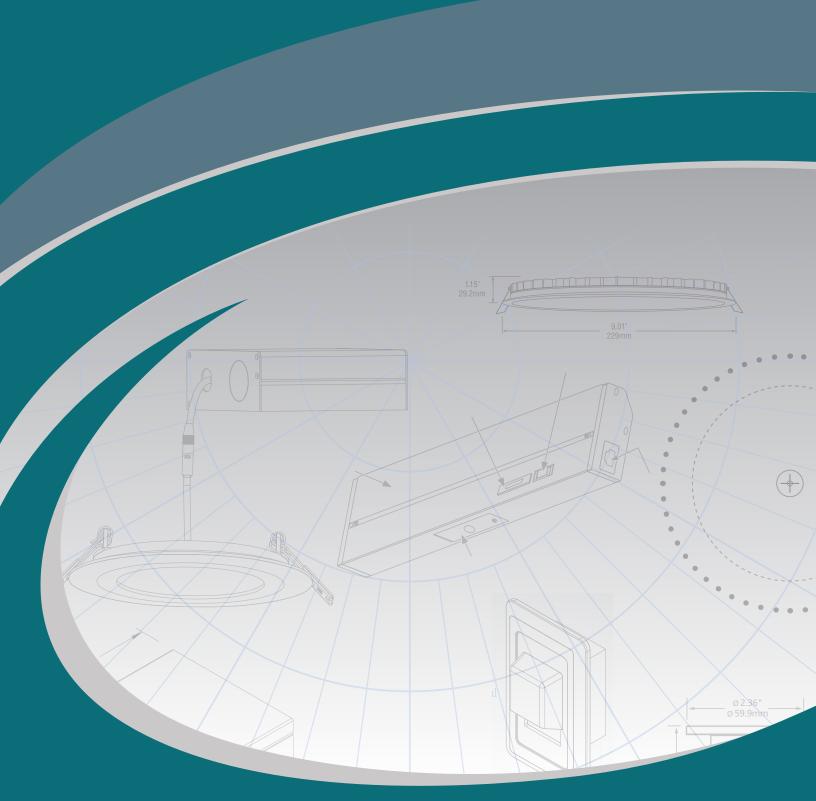
365 day return policy allow customers to take advantage of new National Specialty Lighting products, define new markets and help to build their business. A National Specialty Lighting Stocking Distributor may return any current stock item within 12 months of purchase date for a restocking fee of 50%. Restocking fee will be waived if distributor places a stock order of equal value or greater than the value of the items being returned. No special catches or exceptions. Items are sent back to National Specialty Lighting prepaid in the original packaging, and merchandise is in resalable condition.



National Specialty Lighting does not have a minimum order requirement, and never will. Some companies require you to purchase large quantities of product or meet a specific spending target. Companies use the excuse that it's the cost to process the order. National Specialty Lighting orders are filled regardless of how large or small it is! If you want to purchase just one item to finish a project no problem, your order is always treated as a priority.



Tracking Your Order has never been easier, simply provide us with an email address and you will automatically be notified when your order has been shipped. All orders are shipped though UPS. Send your email address to nslsales@nslusa.com





nslusa.com 2299 Kenmore Ave., Tonawanda, NY 14207 Tel: 303-926-1100 • Toll-Free: 1-800-527-2923 • Fax: 800-527-4358 • nslsales@nslusa.com