SPECIFICATIONS

Housing
Nominal 1'x4', 2'x2' or 2'x4' housings fabricated from 22-gauge, cold-rolled steel. Air return option available.

Door Frame
The hinged door frame is constructed of extruded aluminum center and side rails with cold-rolled steel end caps capturing three individual optical panels to form a single unit. The hinged door frame can be positioned on either side of the fixture housing to provide easy room side access for maintenance.

Finish
Matte white polyester powder paint standard for trim. Consult factory for custom colors or specify RAL colors from Architectural brochure.

Inner Housing Reflector
Formed steel with highly reflective white polyester powder paint.

Lenses/Shielding
Center Panel: Soft-White Acrylic (SWC) or Micro-Prismatic Conical De-Glaring Acrylic Lens (YBC) or Hexagonal De-Glare Lens (GHC) options available.

Side Panels: Soft-White Acrylic only.

Mounting
Recessed ceiling for grid or inaccessible sheetrock ceiling.

Grid: Accommodates 9/16" slot grid or 15/16" inverted tee or 9/16" inverted tee.

Sheetrock: Use a Drywall Grid Adapter (DGA22, DGA24, or DGA14WHS). Ordered separately.

LED Components
Multiple lumen packages available with 2700K, 3000K, 3500K, 4000K and 5000K CCT in either 80CRI or 90CRI. The Acuity Brands circuit boards use a precise binning algorithm which creates a consistent color temperature from board to board. The color a variation of no greater than a 2.5 Step MacAdam (2.55DECM) along the black body locus from board to board.

Electrical
Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 90% LED lumen maintenance at 60,000 hours (L90/60,000).

Dimming Drivers
Factory tuned constant current electronic dimming driver is standard. Flicker free dimming available down to <1%. LED drivers perform within the recommended operating areas for flicker as a function of frequency and modulation (%) IEEE Standard 1789-2015 (IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers), in typical operating conditions at representative dimming levels. Electrical specifications at maximum driver load: PF > 0.9 and THD <20%. Meets FCC Title 47 Class A or Class B. Other available drivers include Lutron, DALI, and DMX protocol drivers. All drivers are RoHS compliant.

Controls and System Networking Options
Optional integrated nLight® controls make each fixture addressable - allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors, and photocontrols. Connection to nLight is simple. It can be accomplished with remote nLight AIR wireless or through standard Cat-5 cabling. (cabling "by others") nLight offers unique plug-and-play convenience as devices and luminaires automatically discover each other, while nLight AIR is commissioned easily through an intuitive mobile app.

Emergency Battery (Optional)
Integral emergency battery (E10WLCP) for 90 minutes of operation. Emergency battery pack, 10W, Linear Constant Power. Certified in CA Title 20 MAEDBS.

Remote generator transfer device (BGTD) works in conjunction with an auxiliary generator or a central inverter system to power fixtures for safe egress lighting.

Voltage
120 thru 277v/50-60Hz: 347v/50-60Hz (optional)

Ambient Operating Temperature
-20°C (-4°F) to +25°C (+77°F).

Ambient Operating Humidity
90% relative humidity non-condensing maximum.

Environment
Suitable for damp locations. Indoor use only.

Certification
CSA certified to meet U.S. and Canadian standards (UL1598 and UL8750). This product is IC rated. Chicago plenum rating (option) available.

Fixture Weight (Without emergency or packaging)
1x4: 22lbs.

2x2: 28lbs.

2x4: 38lbs.

Buy American Act
Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

Warranty
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: *Actual performance may differ as a result of end-user environment and application.*
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

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SONNEMAN
A WAY OF LIGHT

LIGHTING TYPE N

Project:

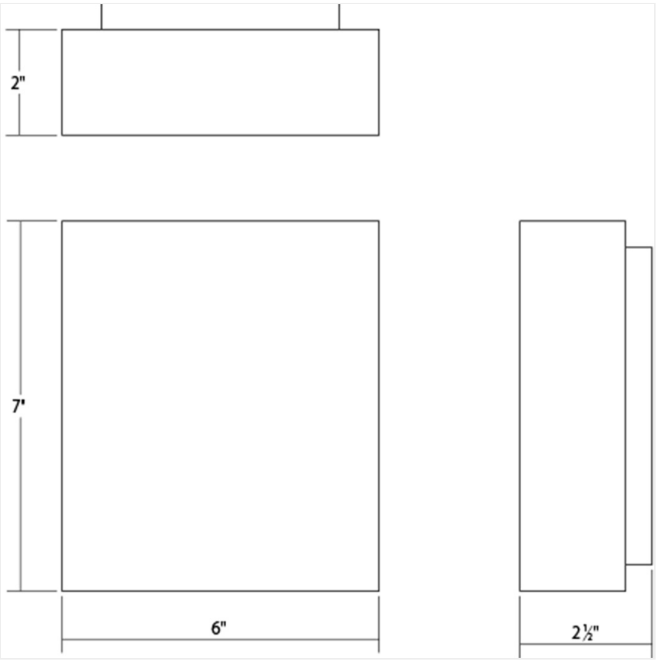
Flat Box LED Sconce Spec Sheet

SKU: 7105.74-WL

The subtle architectural geometry of a long flat plane, offset from the surface, reflects LED illumination from the flat box mounted upon it. Available in bidirectional and downlight only configurations. Also available as an Up/Down Panel Sconce, Up/Down Sconce, and Panel Sconce.

Learn more: https://sonnemanlight.com/flat-box-led-sconce

Type #:



Dimensions

Height:	**7"**
Width:	**6"**
Extends:	**2.5"**
Minimum Extension:	**2.5"**
Maximum Extension:	**2.5"**
Canopy/Backplate/Base Width:	**5.5"**
Canopy/Backplate/Base Depth:	**0.5"**
Canopy/Backplate/Base Height:	**6.5"**

Electrical Specs

Bulb(s) Included?:	**Yes**
Bulb 1 Type:	**Integral LED**
Bulb Quantity:	**1**
Input Voltage:	**120VAC**
Wattage:	**11**
Initial Lumens:	**990**
Delivered Lumens:	**450**
Color Temperature:	**3000K**
CRI:	**90**
Power Supply Type:	**Driver**
Power Supply Quantity:	**1**
Power Supply Location:	**Outlet Box**
Dimming Type:	**TRIAC/ELV**
Bulb Max Wattage:	**11**

Installation

Installation:	**Licensed electrician required**
Installation Orientation:	**Vertical**

Shipping

Carton 1 L x W x H:	**10" X 9" X 7"**
Carton 1 Gross Weight:	**4 LBS**

Shade

Shade Material:	**Aluminum**

General Listings

Features:	**At NYDC, Wet Rated**
Certification:	**C-ETL-US**
Color/Finish:	**Textured Gray (.74)**
Dark Sky Friendly:	**Y**

Available Finishes

Available Finishes:	**Textured Bronze (.72), Textured Gray (.74), Textured White (.98)**

Available Color Temperatures

Available Color Temperatures:	**3000k**

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LIGHTING TYPE P1, P2, P3, Q1, R1

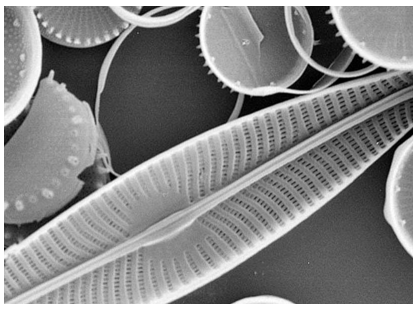
david trubridge

Navicula

LIGHTING TYPE P1, P2, P3, Q1, R1

LIGHTING TYPE P1, P2, P3, Q1, R1

Navicula



Navicula is derived from nature, in this case from one of the many microscopic diatoms that float around in the worlds oceans. The flowing, segmented form is shipped as flatpack and assembled on site with push-in nylon clips. The thin curved pieces of CNC-cut bamboo plywood create a flowing structure that also casts magical patterns. It is lit from within a row of LED pin-point lights, the light source is aimed upwards to create a soft ambient glow. There are three sizes.

LIGHTING TYPE P1, P2, P3, Q1, R1

Features

Partiallly assembled Kitset

Our kitset lightshades are on average 1/30th of the volume of the assembled light. This aims to help minimize the effects of shipping and to reduce the design's environmental footprint.

Care Instructions

All wooden and/or polycarbonate lights are intended for use in dry interior conditions only and can be cleaned with a soft cloth or duster when the light is switched off. Do not use detergents.

Compliance

CE

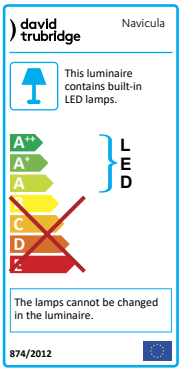
AS/NZS

(Declarations of conformity available on request).

Warranty

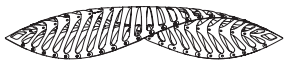
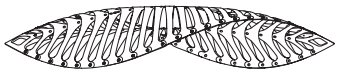
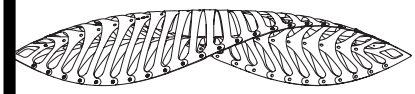
This light is warranted for three years from date of purchase for failure of parts.

5002970
CONFORMS TO :
UL STD 1598
certified to CSA STD
C22.2 No.250.0
Canada / USA



LIGHTING TYPE P1, P2, P3, Q1, R1

Technical Data

	P1, P2, P3	Q1	R1
			
	Small	**Medium**	**Large**
Dimensions	Width: 570mm / 22" Height: 200mm / 8" Length: 1440mm / 57" Weight: 2kg / 4lb	Width: 900mm / 35" Height: 380mm / 15" Length: 1950mm / 77" Weight: 3kg / 7lb	Width: 1000mm / 39" Height: 450mm / 18" Length: 2500mm / 98" Weight: 6kg /14lb
Cordset	5m / 16.4ft	5m / 16.4ft	5m / 16.4ft
Material	Bamboo plywood (Sourced from FSC accredited factory)	Bamboo plywood (Sourced from FSC accredited factory)	Bamboo plywood (Sourced from FSC accredited factory)
Fasteners	Nylon	Nylon	Nylon
Suspension	2 x 5m Suspension Wires	2 x 5m Suspension Wires	2 x 5m Suspension Wires
Packaging	(Partially assembled) 1130mm x 750mm x 90mm 44"x 30" x 4" 0.076m³ / 2.6839ft³ 6kg / 13.22lb	(Partially assembled) 1130mm x 750mm x 90mm 44"x 30" x 4" 0.076m³ / 2.6839ft³ 7kg / 15.43lb	(Partially assembled) 1280mm x 925mm x 130mm 50"x 36" x 5" 0.154m³ / 5.4384ft³ 13kg / 28.66lb

LIGHTING TYPE P1, P2, P3, Q1, R1

Finish Choices

Bamboo

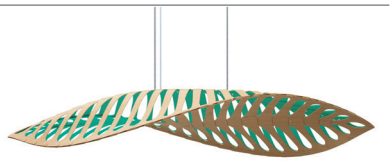
All bamboo (our primary material) is secondary product, from renewable forests in China grown as a food source. We have visited these plantations and are satisfied with the quality of their systems.

Painted Lights

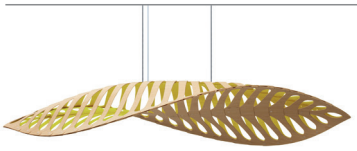
We use an acrylic low VOC (volatile organic compound) paint that is made in New Zealand. Colour swatches are available in all retailers. See the Resene website for more info. www.resene.co.nz

LIGHTING TYPE P1, P2, P3, Q1, R1

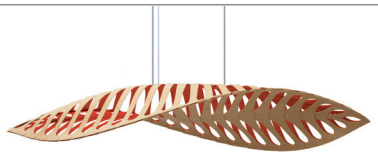
Bamboo



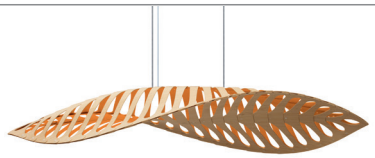
Aqua



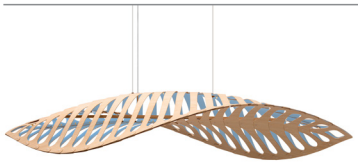
Lime P1, P2, P3



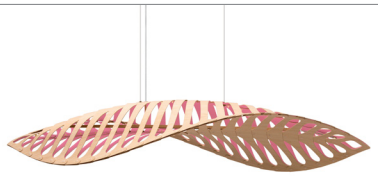
Red



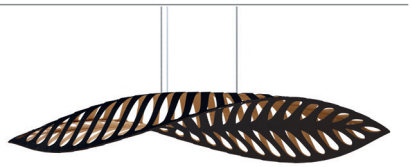
Orange



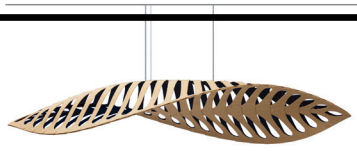
Blue R1



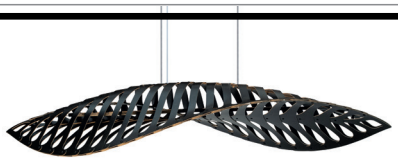
Pink Q1



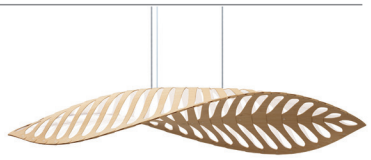
Black 1 Side (Outside)



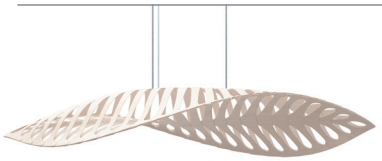
Black 1 Side (Inside)



Black 2 Sides



White 1 Side



White 2 Sides

LIGHTING TYPE P1, P2, P3, Q1, R1

Installation

Fixings for cone gripper and canopy (fixing screws NOT SUPPLIED).
Note: Choose appropriate hardware to attach base plate (Fig.1) to ceiling substrate.

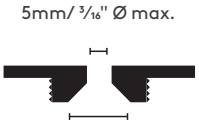


Fig 1. Base Plate

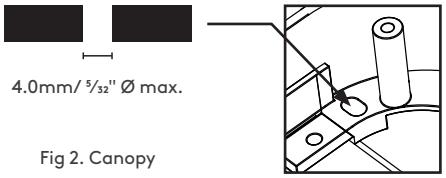
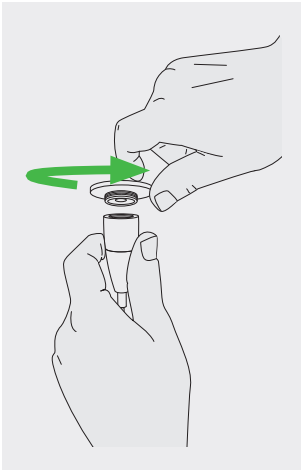
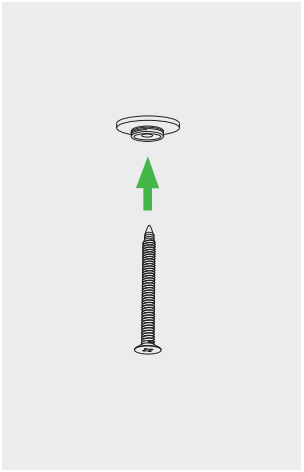


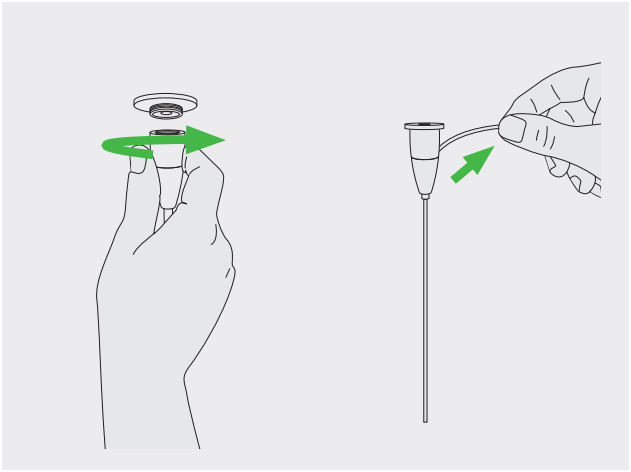
Fig 2. Canopy



Step 1.
Unscrew baseplate.

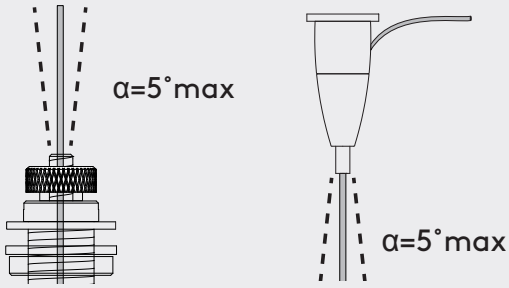


Step 2.
Use appropriate fixing screw to mount base plate (Fig.1).

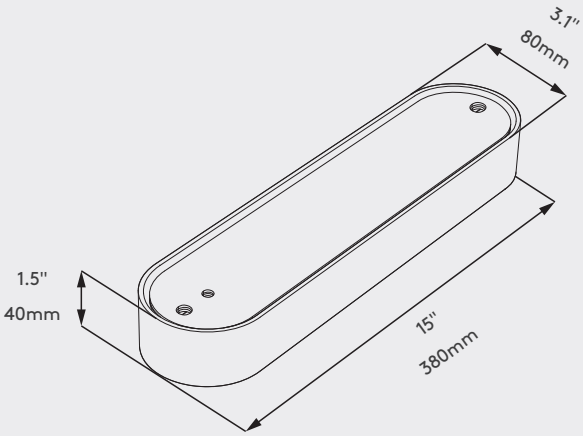


Step 3.
Remove cable from cone. Screw cone back onto baseplate. Re-insert cable and level light. Once desired position is set, trim excess cable.

Suspension Fixings



Ceiling Canopy (Markets excluding USA)



(Fig 2) Canopy

LIGHTING TYPE P1, P2, P3, Q1, R1

Installation

Driver/Transformer position option 1: Surface mounted ceiling canopy

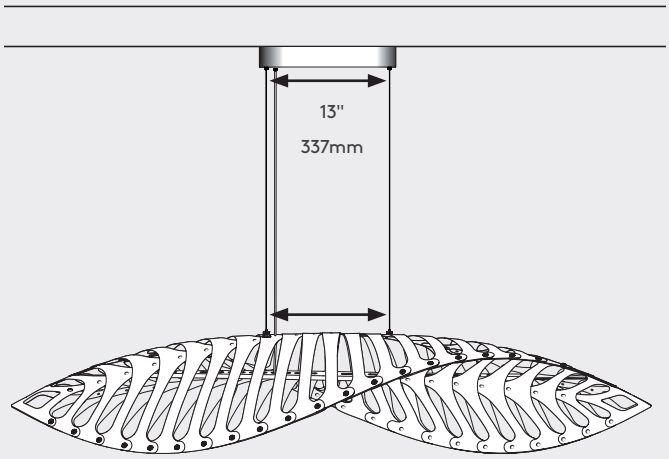
Small

Electric details (Rest of the world)

LED LIGHT BAR
Warm white LED Strip, 24VDC, 8W
2700K

DRIVER / TRANSFORMER
Tridonic, 220-240VAC, 50/60Hz
* Dimmable

CEILING CANOPY
1kg / 2.2lb



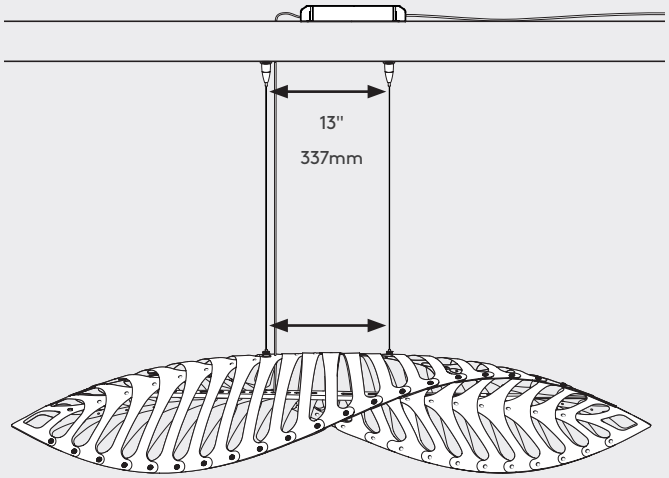
Driver/Transformer position option 2: Remote location (not using canopy)

Small

Electric details (Rest of the world)

LED LIGHT BAR
Warm white LED Strip, 24VDC, 8W
2700K

DRIVER / TRANSFORMER
Tridonic, 220-240VAC, 50/60Hz
* Dimmable



All line drawings are not to scale.

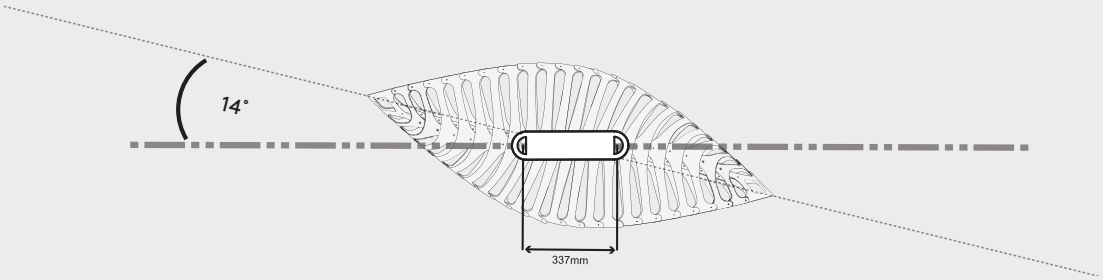
LIGHTING TYPE P1, P2, P3, Q1, R1

Installation

Navicula naturally hangs at 14 degree difference to alignment of canopy.

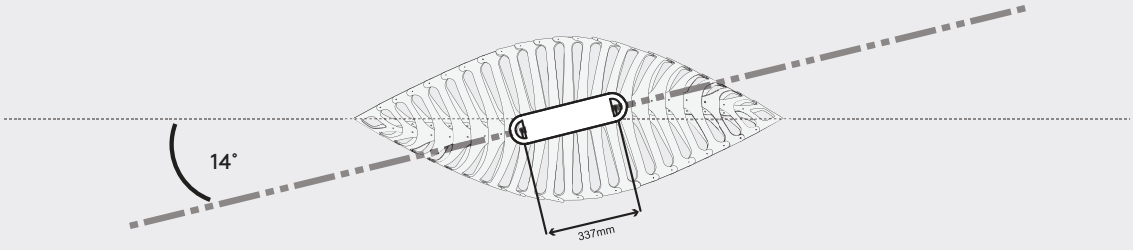
Small

a



To align canopy to an edge see diagram a.

b



To align Navicula to an edge see diagram b.

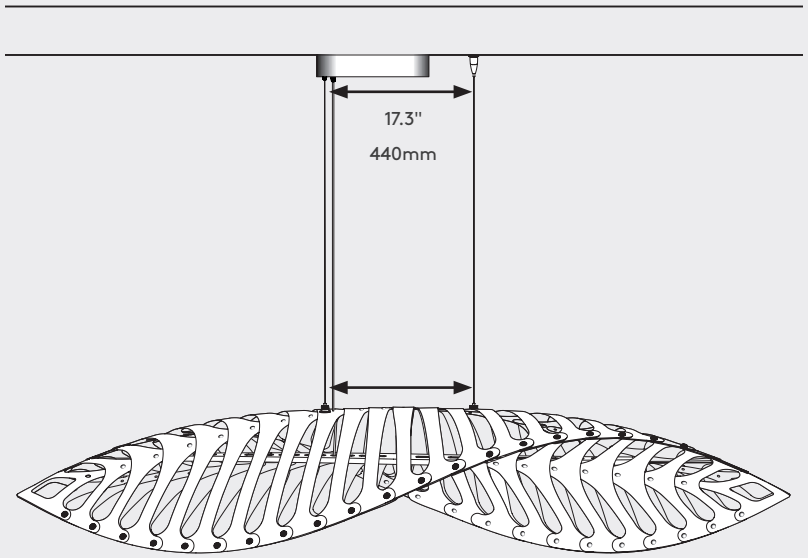
All line drawings are not to scale.

LIGHTING TYPE P1, P2, P3, Q1, R1

Installation

Driver/Transformer position option 1: Surface mounted ceiling canopy

Medium



Electric details (Rest of the world)

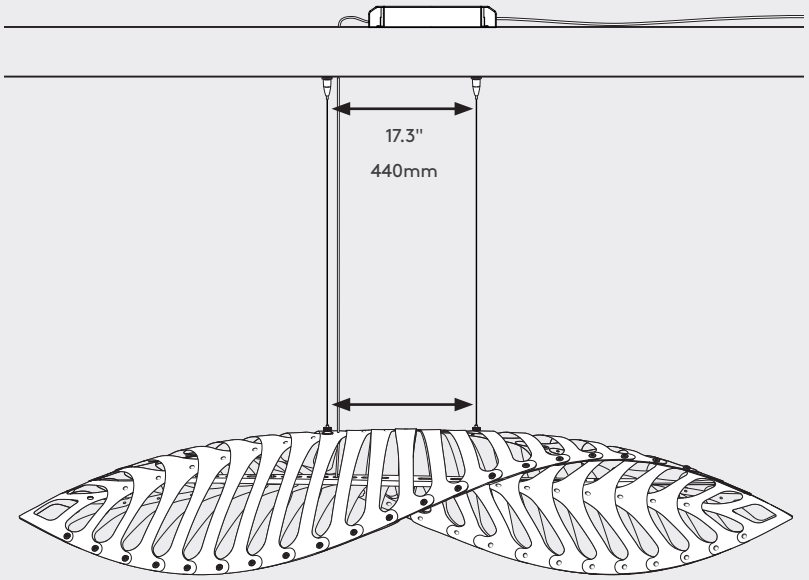
LED LIGHT BAR
Warm white LED Strip, 24VDC, 11W
2700K

DRIVER / TRANSFORMER
Tridonic, 220-240VAC, 50/60Hz
* Dimmable

CEILING CANOPY
1kg / 2.2lb

Driver/Transformer position option 2: Remote location (not using canopy)

Medium



Electric details (Rest of the world)

LED LIGHT BAR
Warm white LED Strip, 24VDC, 11W
2700K

DRIVER / TRANSFORMER
Tridonic, 220-240VAC, 50/60Hz
* Dimmable

All line drawings are not to scale.

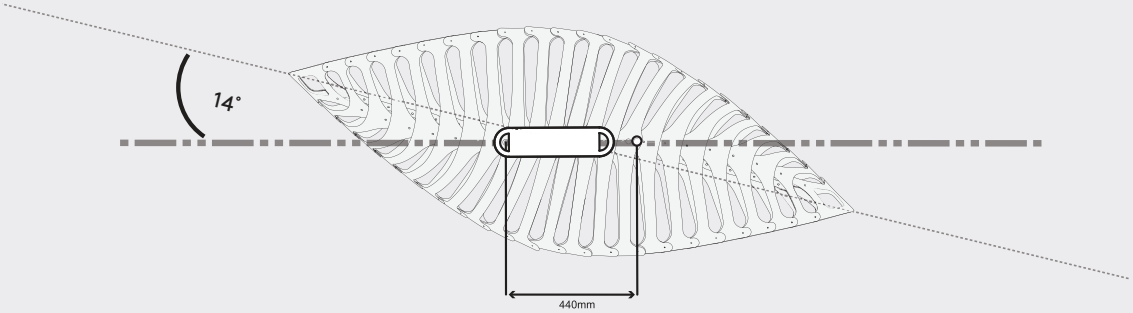
LIGHTING TYPE P1, P2, P3, Q1, R1

Installation

Navicula naturally hangs at 14 degree difference to alignment of canopy.

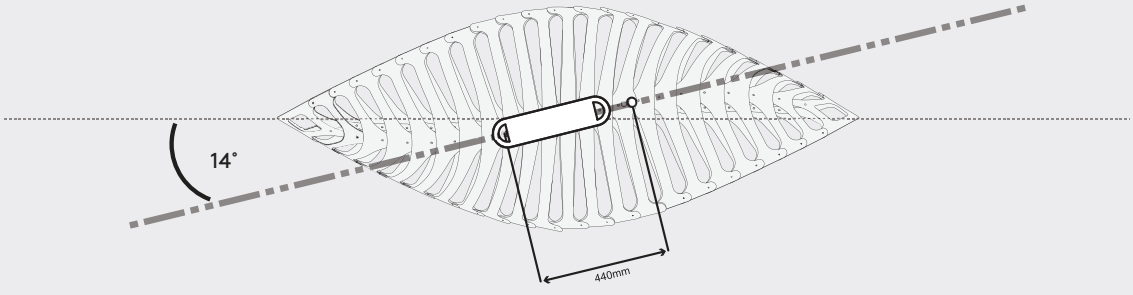
Medium

a



To align canopy to an edge see diagram a.

b



To align Navicula to an edge see diagram b.

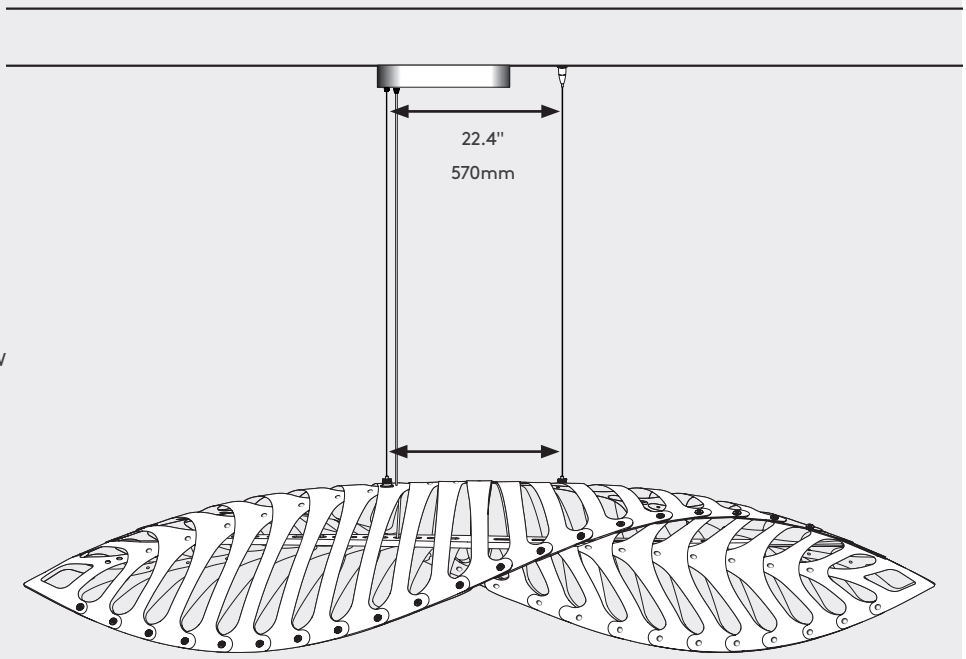
All line drawings are not to scale.

LIGHTING TYPE P1, P2, P3, Q1, R1

Installation

Driver/Transformer position option 1: Surface mounted ceiliing canopy

Large



Electric details (Rest of the world)

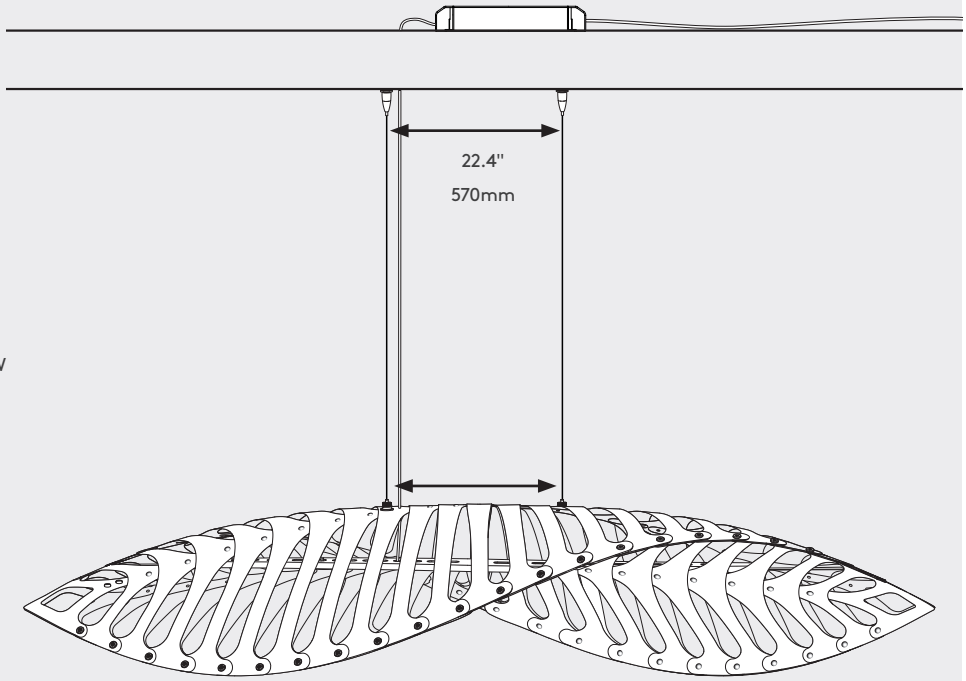
LED LIGHT BAR
Warm white LED Strip, 24VDC, 18W
2700K

DRIVER / TRANSFORMER
Tridonic, 220-240V, ac 50/60Hz
* Dimmable

CEILING CANOPY
1kg / 2.2lb

Driver/Transformer position option 2: Remote location (not using canopy)

Large



Electric details (Rest of the world)

LED LIGHT BAR
Warm white LED Strip, 24VDC, 18W
2700K

DRIVER / TRANSFORMER
Tridonic, 220-240V, ac 50/60Hz
* Dimmable

All line drawings are not to scale.

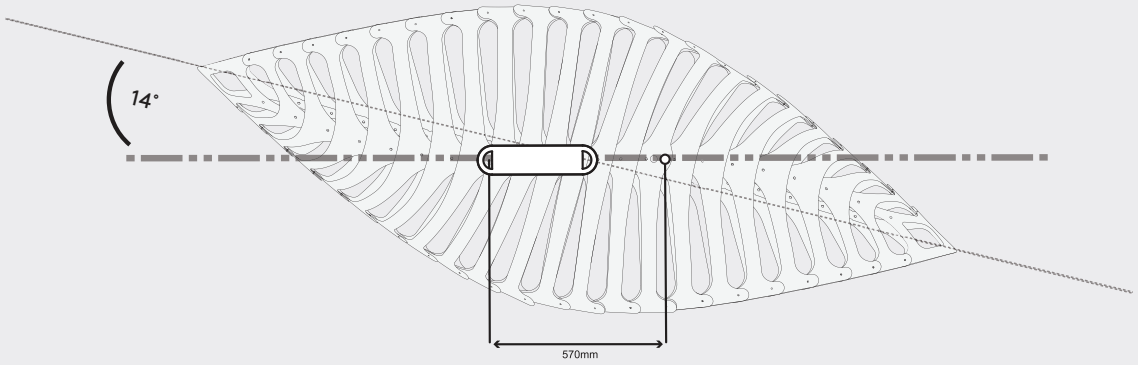
LIGHTING TYPE P1, P2, P3, Q1, R1

Installation

Navicula naturally hangs at 14 degree difference to alignment of canopy.

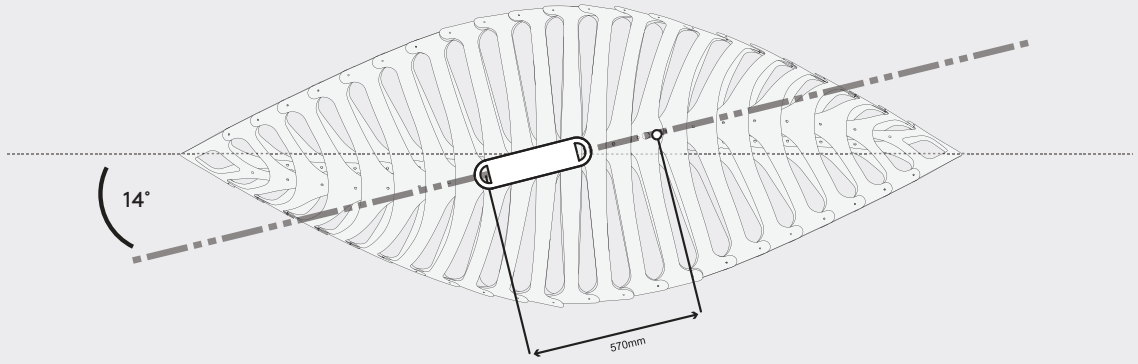
Large

a



To align canopy to an edge see diagram a.

b



To align Navicula to an edge see diagram b.

All line drawings are not to scale.

LIGHTING TYPE P1, P2, P3, Q1, R1

Installation (USA)

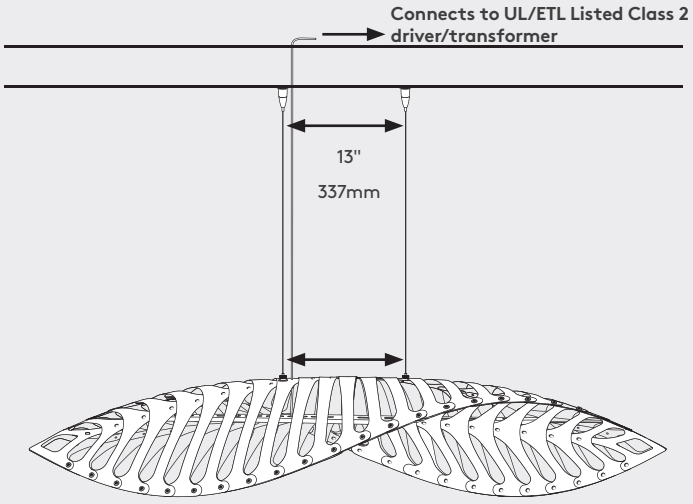
Driver/Transformer position: Remote location (not using canopy)

Small

USA details

LED LIGHT BAR
Warm white LED Strip, 24VDC, 8W
2700K

DRIVER / TRANSFORMER
UL/ETL Listed Class 2, 120VAC,60Hz



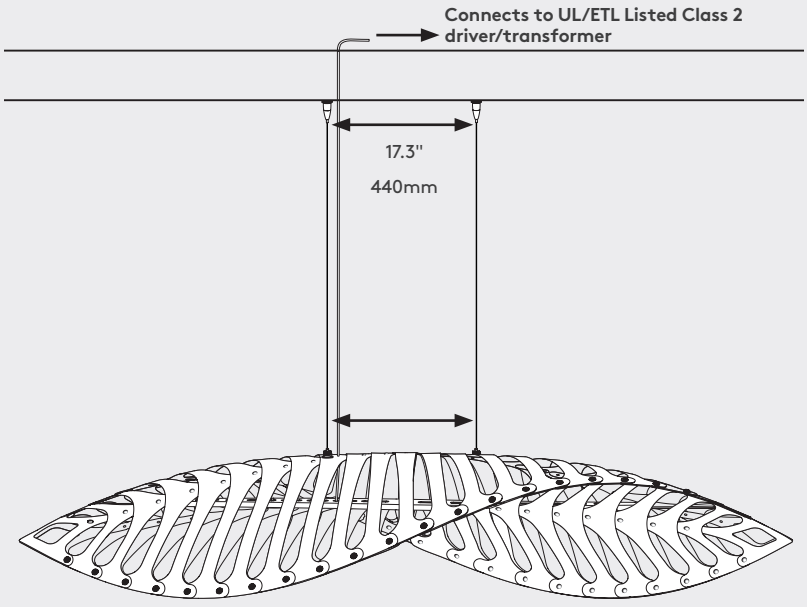
Driver/Transformer position: Remote location (not using canopy)

Medium

USA details

LED LIGHT BAR
Warm white LED Strip, 24VDC, 11W
2700K

DRIVER / TRANSFORMER
UL/ETL Listed Class 2, 120VAC,60Hz



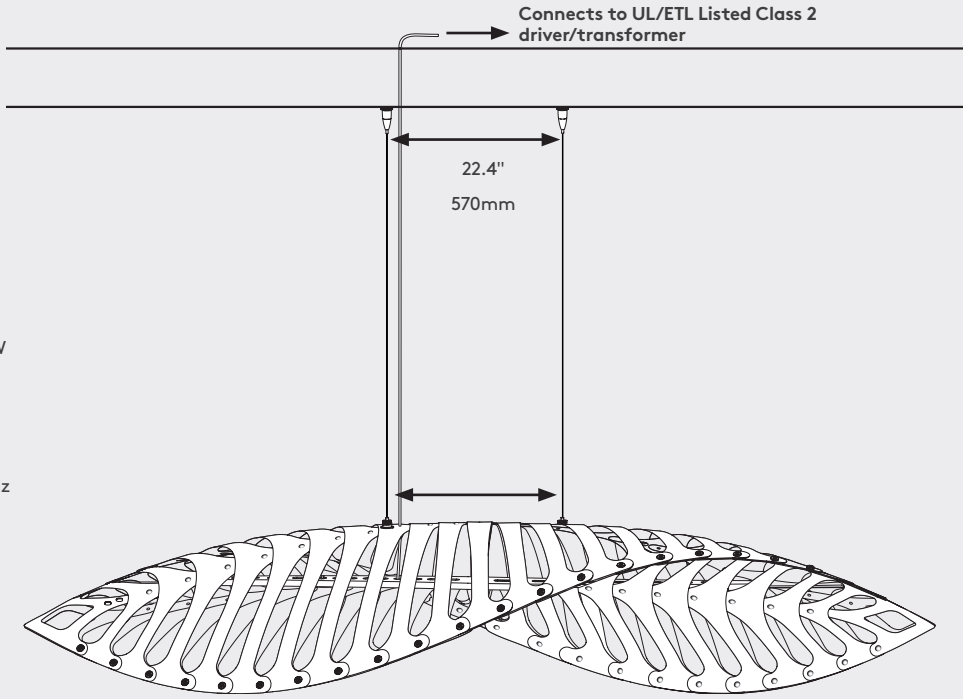
All line drawings are not to scale.

LIGHTING TYPE P1, P2, P3, Q1, R1

Installation (USA)

Driver/Transformer position: Remote location (not using canopy)

Large



USA details

LED LIGHT BAR
Warm white LED Strip, 24VDC, 18W
2700K

DRIVER / TRANSFORMER
UL/ETL Listed Class 2, 120VAC,60Hz

All line drawings are not to scale.

LIGHTING TYPE P1, P2, P3, Q1, R1

Installation (USA)

Navicula naturally hangs at 14 degree difference to alignment of cone gripper.

Small

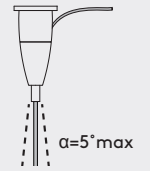
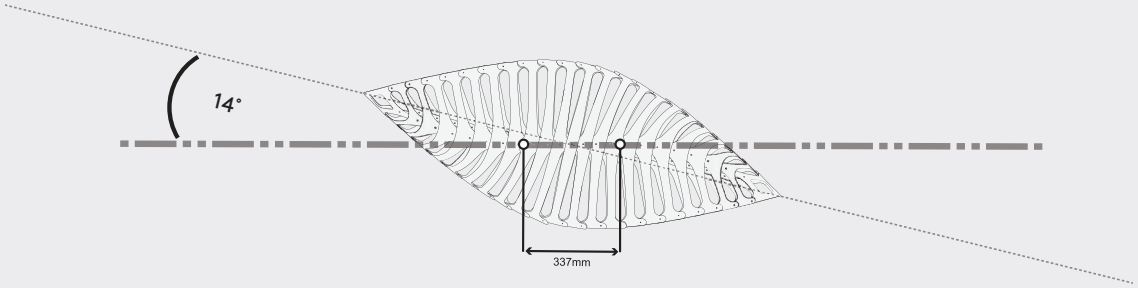


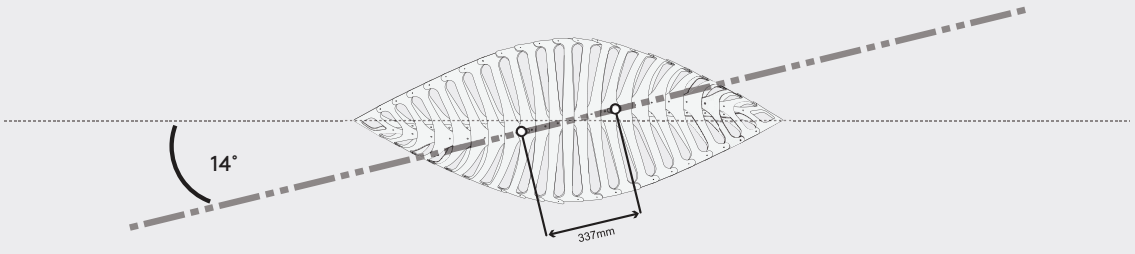
Fig 1. Base Plate

a



To align cone gripper to an edge see diagram a.

b



To align Navicula to an edge see diagram b.

All line drawings are not to scale.

LIGHTING TYPE P1, P2, P3, Q1, R1

Installation (USA)

Navicula naturally hangs at 14 degree difference to alignment of cone gripper.

Medium

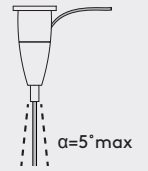
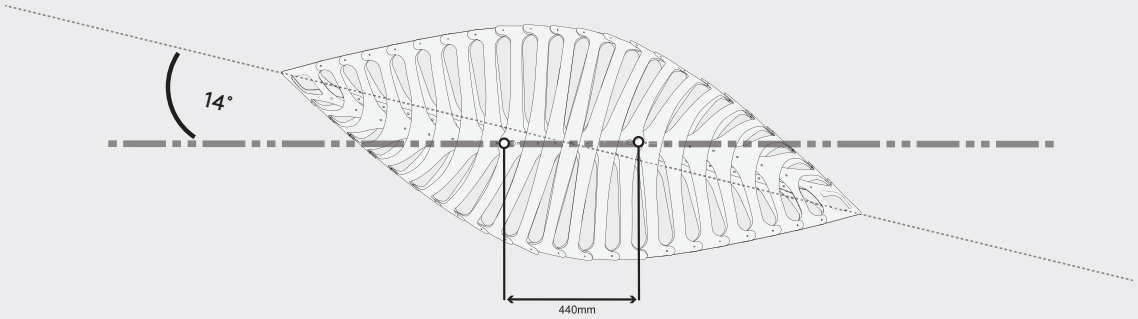


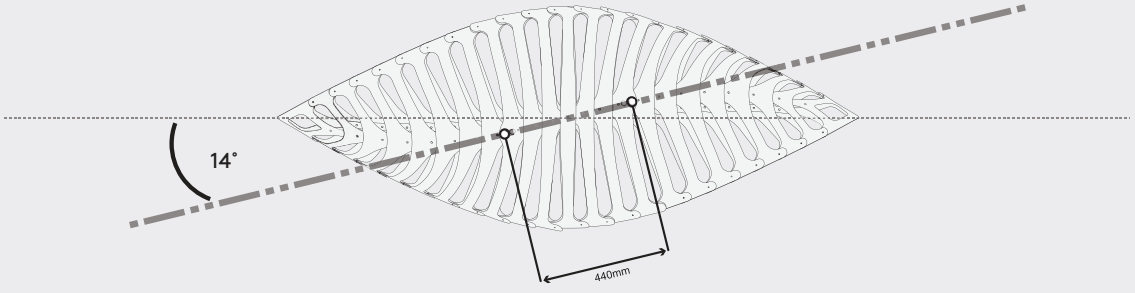
Fig 1. Base Plate

a



To align cone gripper to an edge see diagram a.

b



To align Navicula to an edge see diagram b.

All line drawings are not to scale.

LIGHTING TYPE P1, P2, P3, Q1, R1

Installation (USA)

Navicula naturally hangs at 14 degree difference to alignment of cone gripper.

Large

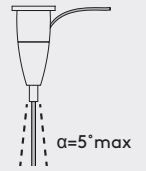
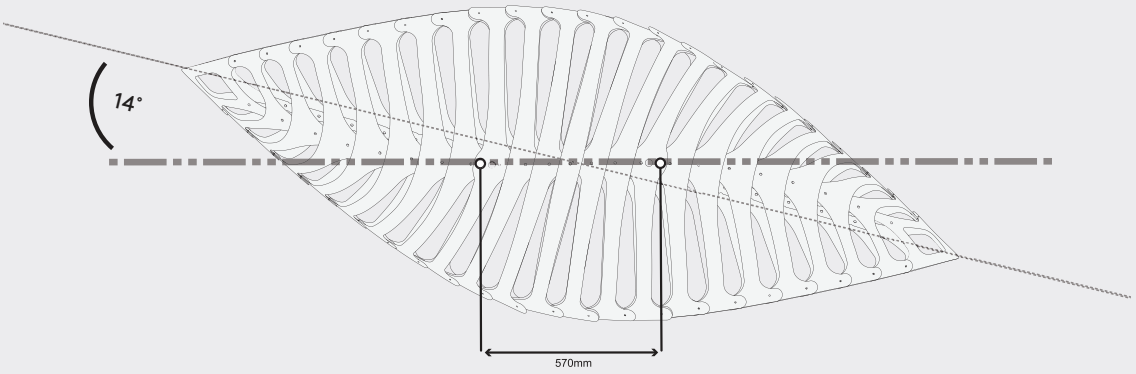


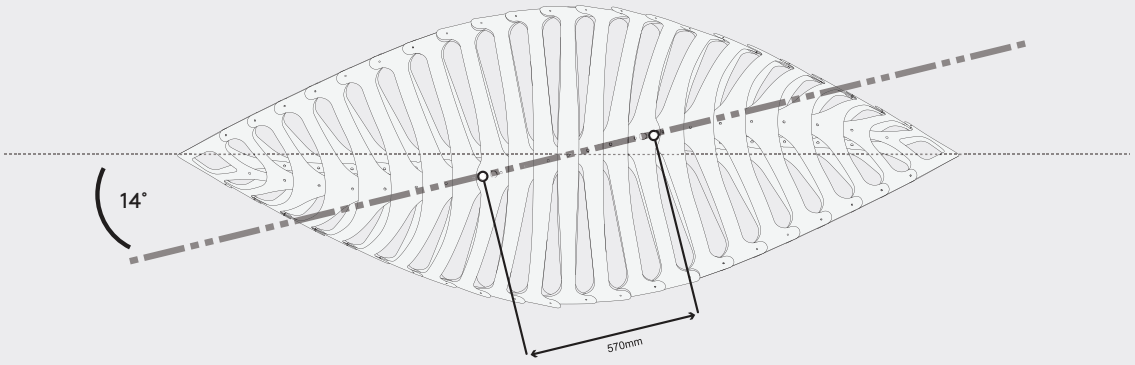
Fig 1. Base Plate

a



To align cone gripper to an edge see diagram a.

b



To align Navicula to an edge see diagram b.

All line drawings are not to scale.

LIGHTING TYPE P1, P2, P3, Q1, R1

Contact

New Zealand
Showroom/Head office

Contact

+64 6 6500 204
info@davidtrubridge.com

Address

Corner Station Road &
Groome Place, Whakatu,
Hastings, Hawkes Bay,
New Zealand

LIGHTING TYPE S

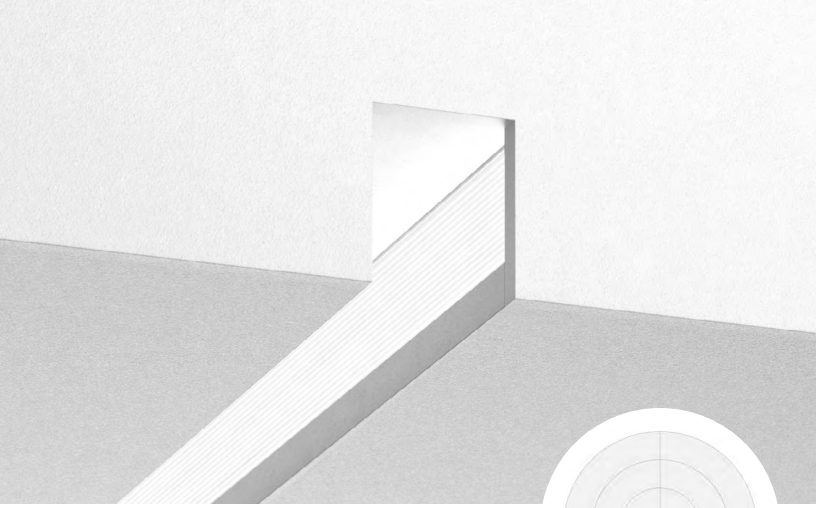
FLUXWERX®

TYPE

NN1-L-D2-B-C-35-F2-M-2'-6"

SPECIFICATION DATA

NOTCH 1 AREA SYMMETRIC (NN1-B)



D2 – DRYWALL TRIMLESS SHOWN WITH (E) DADO ENDCAP OPTION

100% Dn Symmetric

CATALOG #

PROJECT

SANTA ANA ZOO EDUCATION HUB

NOTES

PERFORMANCE FOCUS

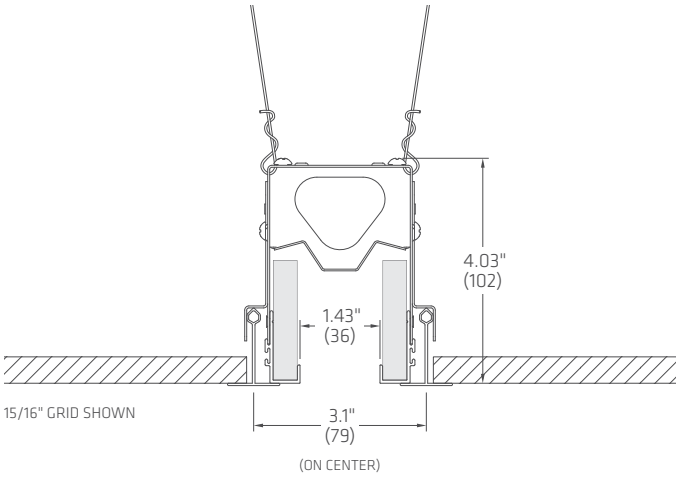
80 CRI 4000 K (NN1-Bx40)

	Energy (W/ft)	Light (lm/ft)	Efficacy (lm/W)
A	**4.5 W**	400	99
B	**5.5 W**	525	98
C	**7 W**	650	96
D	**8.5 W**	800	95

Color Matching (SDCM)	Lumen Maintenance (hr) L90 per TM21	L70 Estimate
< 2	> 60,000	> 200,000

Nominal values, refer to back pages for full performance data.

CROSS SECTION



CEILINGS & TRIM

DRYWALL TRIM

DRYWALL TRIMLESS

GRID

FEATURES

- 1.5" aperture, open design with fully luminous interior. No horizontal lenses or diffusers.
- Recessed companion to Profile Mini suspended, smaller scale version of Notch 2.
- Anidolic optics provide shielded, precisely controlled optical distributions, for low glare and wide row spacing.
- Up to 12 ft oc. spacing, delivering 40 fc at less than 0.4 W/ft^2.
- Length increments of 1' in drywall or 2' in T-grid ceilings.
- L-Corner module enables square, rectangular and open patterns.
- Extruded aluminum trims simplify installation and help installers to achieve precise fit and finish.
- Optional Dado and Capsule drywall endcaps create a unique boundary for a continuous line of light.

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SPECIFICATION DATA

NOTCH 1 AREA SYMMETRIC (NN1-B)

ORDER GUIDE

1	2	3	4	5	6	7	8	9	OPTIONS	CONTROLS
NN1	**L**	**D2**	**B**	**C**	**35**	**F2**	**M**	**2'-6"**		

1 FAMILY

NN1 Notch 1 Area

2 VERSION

L Linear Row
R Pattern Side/Corner

PATTERN [1]

P0 Square
P1 Rectangle
P2 2 Sides | 1 Corner
P3 3 Sides | 2 Corners
P4 4 Sides | 3 Corners
P5 5 Sides | 4 Corners

[1] Other patterns available, consult Fluxwerx.

3 TRIM / CEILING

D1 Drywall – Trim Flange
D2 Drywall – Trimless
G1 Grid – 9/16" or 15/16" Flat-T 9/16" Tegular or Bolt-Slot

4 DISTRIBUTION

A Asymmetric
▸ **B** Symmetric

5 ENERGY [2]

A 4.5 W/ft
B 5.5 W/ft
C 7 W/ft
D 8.5 W/ft

[2] Add 1 W/ft for BP or 347 V with E1-4/L1.

6 CRI-CCT

30 80 CRI 3000 K
35 80 CRI 3500 K
40 80 CRI 4000 K
93 90 CRI 3000 K
90 90 CRI 3500 K
94 90 CRI 4000 K

7 DRIVER

F1 Non-Dim
F2 0–10 V Dim 3%
E1 eldoLED ECO 0–10 V Dim 1%
E2 eldoLED SOLO 0–10 V Dim 0.1%
E3 eldoLED ECO DALI Dim 1%
E4 eldoLED SOLO DALI Dim 0.1%
L1 Lutron Hi-Lume 1% EcoSystem (LDE1)
L2 Lutron Hi-Lume 1% 2-Wire 120 V (LTEA)

8 VOLTAGE

M 120–277 V
1 120 V [4]
2 277 V [4]
3 347 V [5]

[4] Fixed 120 or 277 V for nLight, 120 V for 2-wire driver.
[5] 347 V Transformer for E1-4/L1 drivers.

9 LENGTH

XX Length in ft (min 2 ft)
Drywall – 1 ft increments
Grid – 2 ft increments
(for 1 ft consult Fluxwerx)

CORNERS

LC L Corner (Flat 2' x 2')

OPTIONS

WIRING & EMERGENCY

A# Alternate Wiring Module Qty
(Two 4 ft circuits in 8 ft module for EM, NL or AV switching)
B# Battery Pack Qty [6]
F 6' Flex Whip (in first module)
H# Emergency Switch Qty [6]
(GTD or Controller)
T Throughwire Circuit

[6] BP/GTD: For 120-277 V, linear 4 ft or 8 ft modules.

LAYOUT & FINISH

C Chicago Plenum
E Dado Endcap [7]
K Black Trim and Endcap
P Capsule Endcap [8]

[7] Dado End: D2 trim, only one end by default.
[8] Capsule End: D2 only.

CONTROLS

SENSORS & CONTROLLERS

RE1 Remote Enlighted Smart Sensor
VN1 Acuity nLight Converter

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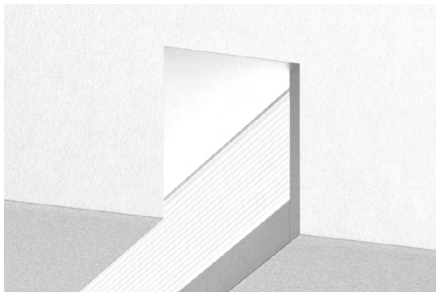
SPECIFICATION DATA

NOTCH 1 AREA SYMMETRIC (NN1-B)

PRODUCT DETAILS



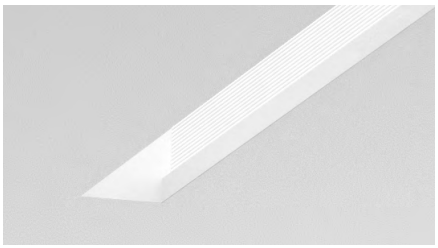
LINEAR ANIDOLIC OPTIC

TRIM OPTIONS

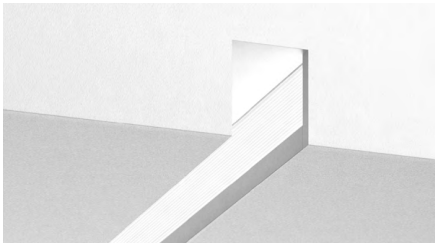
TRIM

D1 – DRYWALL TRIM FLANGE

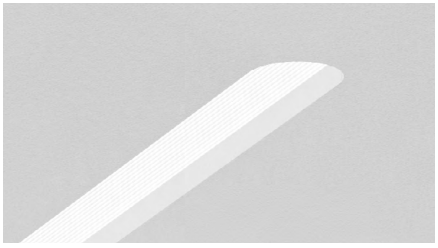
TRIMLESS



D2 – DRYWALL TRIMLESS



OPTIONAL – DADO ENDCAP

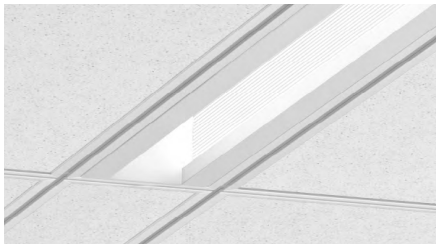


OPTIONAL – CAPSULE ENDCAP

GRID

G1 – 9/16" GRID FLAT T

G1 – 15/16" GRID FLAT T



G1 – 9/16" TEGULAR | SLOT GRID

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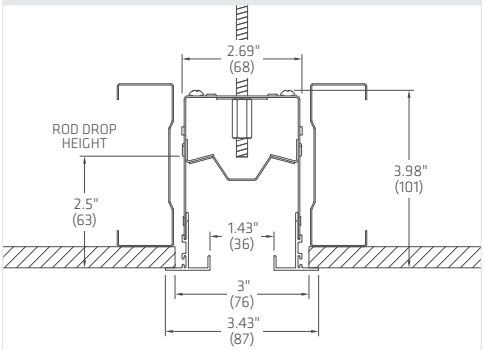
SPECIFICATION DATA

NOTCH 1 AREA SYMMETRIC (NN1-B)

DIMENSIONS

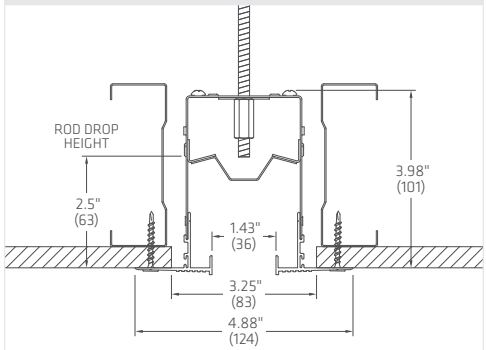
D1

DRYWALL TRIM FLANGE



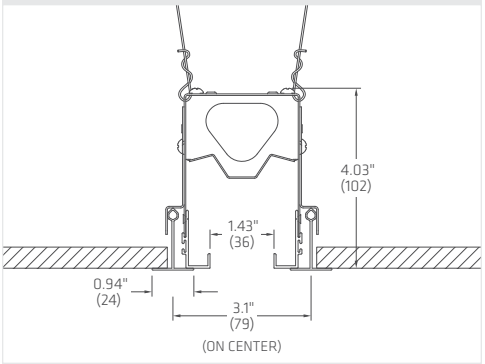
D2

DRYWALL TRIMLESS



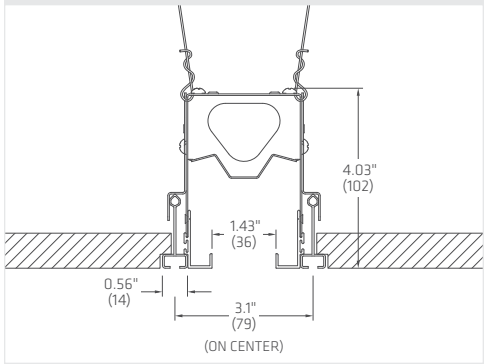
G1

15/16" | 9/16" FLAT GRID



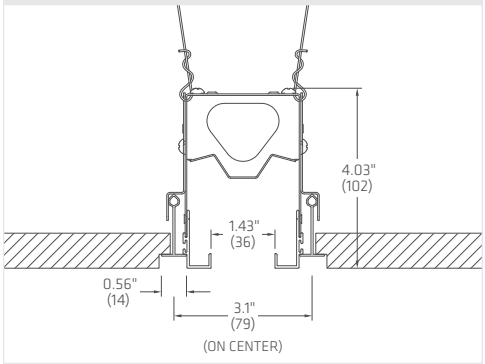
G1

9/16" BOLT SLOT TEGULAR GRID



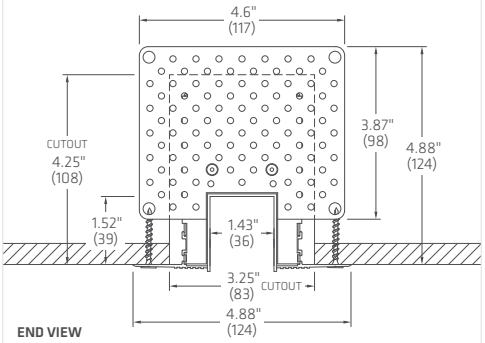
G1

9/16" TEGULAR



OPTION E

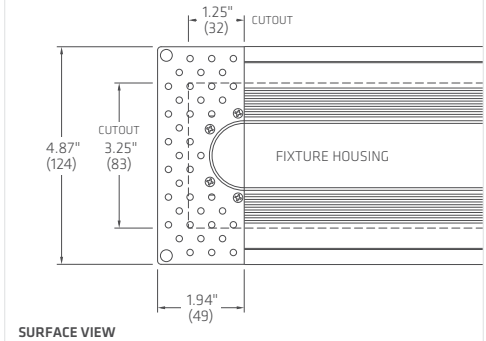
DADO ENDCAP



END VIEW

OPTION P

CAPSULE ENDCAP



SURFACE VIEW

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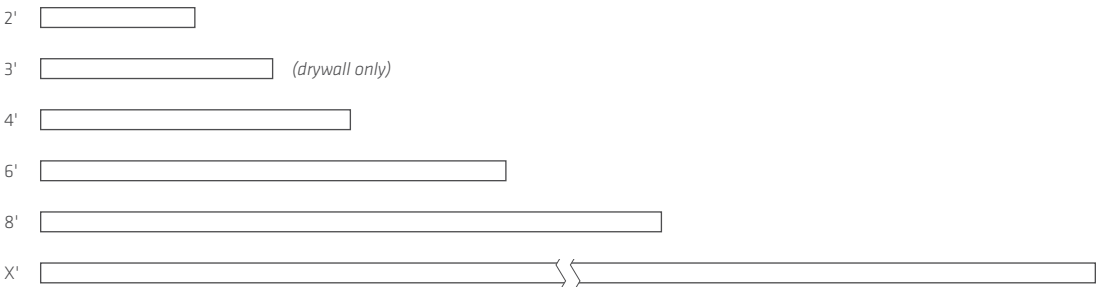
SPECIFICATION DATA

NOTCH 1 AREA SYMMETRIC (NN1-B)

LINEAR ROWS & FIXTURES

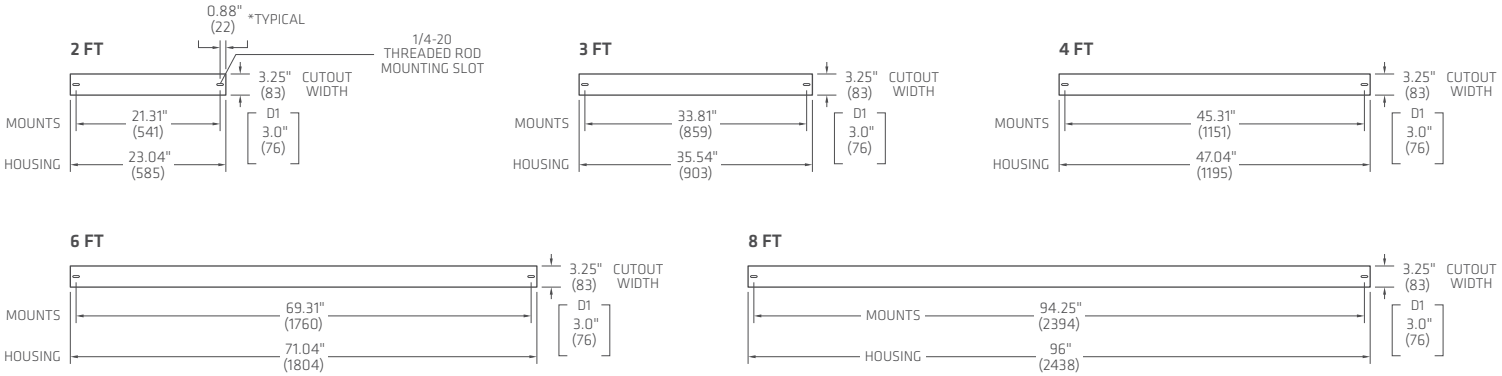
Continuous rows are available in nominal 1' increments in drywall ceilings and in 2' increments on-grid for T-bar ceilings.
Standalone fixtures are available in 2', 3', 4', 6', or 8' sizes.



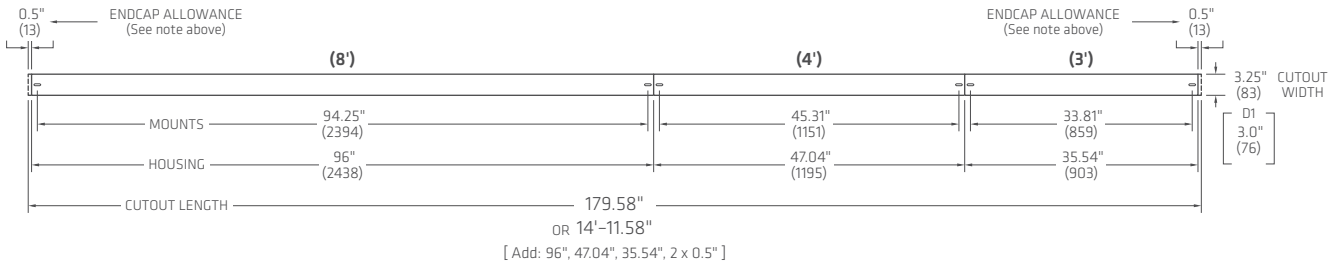
NOTE: Run lengths are nominal and vary with ceiling condition and trim selections.

DRYWALL CUTOUT DIMENSIONS

To determine the overall drywall ceiling cutout length, add an endcap allowance to each end of a straight run, as follows:
Standard flat endcap (D1-D4) – 1/2"; Capsule endcap – 1-1/4"; Dado endcap – 3/16".



EXAMPLE OF A DRYWALL CUTOUT FOR A 15' RUN



INSTALLATION NOTES

- Cutout dimensions apply to all drywall trim options.
- A minimum depth of 4.25" above the ceiling plane is required.
- Threaded rod or lag bolt mounting is required for ceiling installations only:
  – Ensure 1/4–20 threaded rod length is cut between 2.25"– 2.75" above finished ceiling plane.
  – 2 threaded rods required for each linear housing.

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SPECIFICATION DATA

NOTCH 1 AREA SYMMETRIC (NN1-B)

NOTES

CONSTRUCTION

- 20 ga. satin coat steel housing
- Extruded aluminum flange options available for drywall trim, trimless and T-bar grid ceilings
- White powdercoat or optional black trim

OPTICAL

- Anidolic optical structures with linear light extraction elements
- Precision extruded high transmittance clear acrylic lenses
- Long life mid-flux LED system designed for typical TM21 lumen maintenance ≥ L90 @ 60,000 h
- Available in 3000 K, 3500 K, 4000 K with CRI ≥ 80 and R9 ≥ 0, or CRI ≥ 90 and R9 ≥ 50, all with color accurate binning ≤ 2 SDCM

ELECTRICAL

- Integral high efficiency multivolt drivers, for 50–60 Hz 120–277 V or 347 V
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- Dim level: Standard 3%, optional 1% or 0.1%
- Optional Battery Pack delivers 10 W Class 2 rated output for 90 min. Use 12 W input energy to estimate emergency flux, typically 1000–1200 lm (@90–100 lm/W).
- Optional GTD (Generator Transfer Switch), 120–277 V, disables 0–10 V control during emergency for full light output
- Surge Protection: Meets ANSI C82.11 spec and ANSI/IEEE C62.41
- Inrush Current: Meets NEMA 410

ENVIRONMENTAL & CARE

- Designed for use in dry or damp indoor locations with ambient temperatures of 0–30° C (32–86° F)
- Not suitable for natatorium environments, e.g. swimming pools, hot tubs and saunas. The luminaire may be damaged by chemicals such as chlorine, solvents, ammonia, alcohol or sulfur in the area of operation or in cleaning products. Damage from contaminants is not covered under warranty.
- Clean only by wiping with a slightly water-damp, soft, clean cloth.

WEIGHT

- Maximum 3.5 lb/ft (5.2 kg/m) with standard driver
- Maximum 3.7 lb/ft (5.5 kg/m) with battery pack or 347 V transformer

WARRANTY

- 5 year limited warranty on all components and workmanship

INDEPENDENT TESTING

- IESNA LM79
- IESNA LM80 (LED @ 9,000 or 10,000 h)

APPROVALS

- UL Listed (USA + Canada)
- CCEA Chicago Plenum
- IC Rated

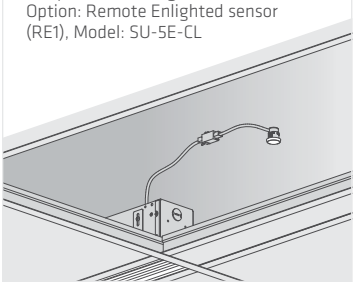
Protected by one or more US patents: 10215344, 10830415, 9733411, 9823406, D731700, D780971; EU patents: 002263020-0001, 002263020-0002, 002263020-0003.

CONTROLS & SENSORS

Fluxwerx products are designed for simple integration with a wide range of wired & wireless sensors, lighting controls and building management systems. These support occupancy sensing, daylight harvesting, individual or central adjustment of light levels and luminaire or space monitoring.

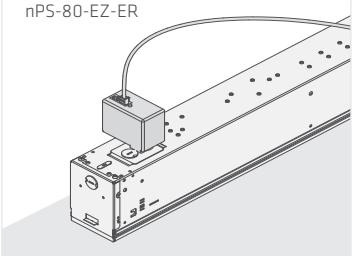
enlighted™

Enlighted wireless, networked smart sensor integrates occupancy sensing, daylight harvesting, energy usage, temperature and light level control.
Option: Remote Enlighted sensor (RE1), Model: SU-5E-CL



nLIGHT®

nLight wired, 2-way network supports luminaire light level control as well as occupancy and daylight sensors.
Option: Acuity nLight Converter (VN1), Model: nPS-80-EZ or nPS-80-EZ-ER



eldoLED®

EldoLED drivers support common wired protocols, 0–10 V and DALI. They also provide access to finer dimming control, dynamic white and Bluetooth low-energy (BLE) wireless.
Options: ECO 1% (E1), SOLO 0.1% (E2)

LUTRON®

Lutron EcoSystem network protocol enables on/off, dimming, occupancy sensing and daylight harvesting.
Option: Hi-Lume 1% EcoSystem (L1), Model: LDE1

legrand® Wattstopper® Pass & Seymour®
LEVITON® EATON® DISTECH CONTROLS®
CRESTRON®

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SPECIFICATION DATA

NOTCH 1 AREA SYMMETRIC (NN1-B)

FAMILY PERFORMANCE

80 CRI

COLOR	4000 K	3500 K	3000 K
Color Rendering (CRI)	83	83	83
Red Index (R9)	6	4	6
Color Matching (SDCM)		< 2	

LUMEN MAINTENANCE	A 4.5 W	B 5.5 W	C 7 W	D 8.5 W
L90 per TM-21 (hr)		> 60,000		
L70 Estimate (hr)		> 200,000		

BATTERY OUTPUT – 80 CRI	4000 K	3500 K	3000 K
10 W BP Light (Est. lm)	1180	1160	1130

90 CRI

COLOR	4000 K	3500 K	3000 K
Color Rendering (CRI)	92	93	92
Red Index (R9)	63	64	59
Color Matching (SDCM)		< 2	

90 CRI OUTPUT	4000 K	3500 K	3000 K
90 CRI Multiplier	0.84	0.84	0.84

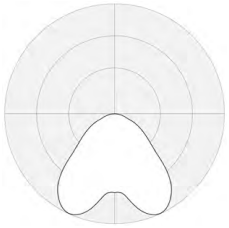
For Light (lm), Intensity (Cd) or Luminance (Cd/m²) in 90 CRI, multiply 80 CRI values by the 90 CRI Multiplier for chosen CCT.

VERSION PERFORMANCE

80 CRI, 100% Down Symmetric

CONFIGURATION			LIGHT & POWER			VISUAL COMFORT	
CCT	ENERGY (NOM.)		LIGHT (lm/ft)	POWER (W/ft)	EFFICACY (lm/W)	MAX INTENSITY 45–90° (Cd)	MAX LUMINANCE 45–90° (Cd/m²)
NN1-Bx40 4000 K	A	4.5 W	418	4.23	98.9	510	15,849
	B	5.5 W	529	5.39	98.1	644	20,027
	C	7 W	650	6.77	96.0	792	24,608
	D	8.5 W	794	8.41	94.5	968	30,098
NN1-Bx35 3500 K	A	4.5 W	409	4.23	96.7	499	15,498
	B	5.5 W	517	5.39	95.9	630	19,582
	C	7 W	636	6.77	93.9	775	24,060
	D	8.5 W	777	8.41	92.4	946	29,426
NN1-Bx30 3000 K	A	4.5 W	400	4.23	94.6	487	15,148
	B	5.5 W	505	5.39	93.7	616	19,136
	C	7 W	621	6.77	91.8	757	23,511
	D	8.5 W	759	8.41	90.3	925	28,754

LIGHT DISTRIBUTION



Notch 1
100% Dn Symmetric

Photometry Reports: 3500K, 18 W | 13911702.04; 22 W | 13911702.03; 36 W | 13809463.01

Integrating Sphere and Photometric results by an independent accredited testing laboratory per IES LM-79-2008 and ANSI C78.377-2011. Results for 3000K, 3500K and 4000K scaled based on integrating sphere results of Notch1 Symmetric and Profile Mini 100Dn 3000K and 4000K. Candlepower Distribution scaled per total lumens of Integrating Sphere results.

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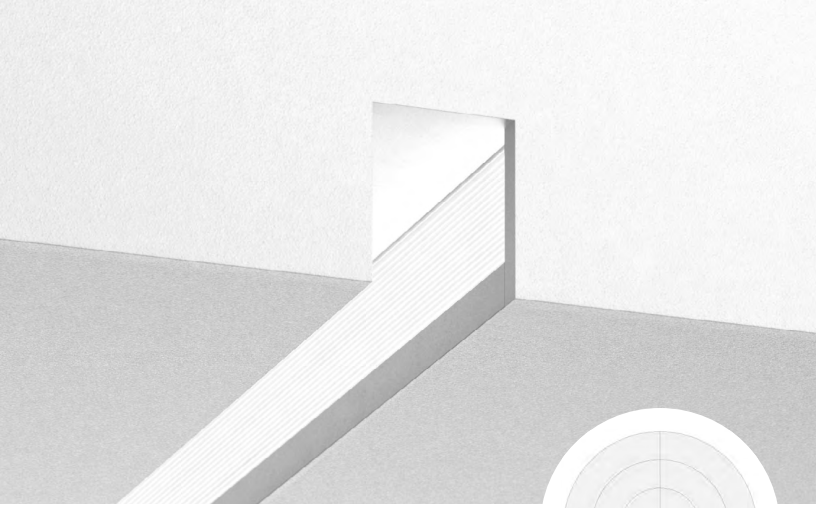
LIGHTING TYPE T

FLUXWERX®

TYPE

SPECIFICATION DATA

NOTCH 1 AREA SYMMETRIC (NN1-B)



D2 – DRYWALL TRIMLESS SHOWN WITH (E) DADO ENDCAP OPTION

100% Dn Symmetric

CATALOG #

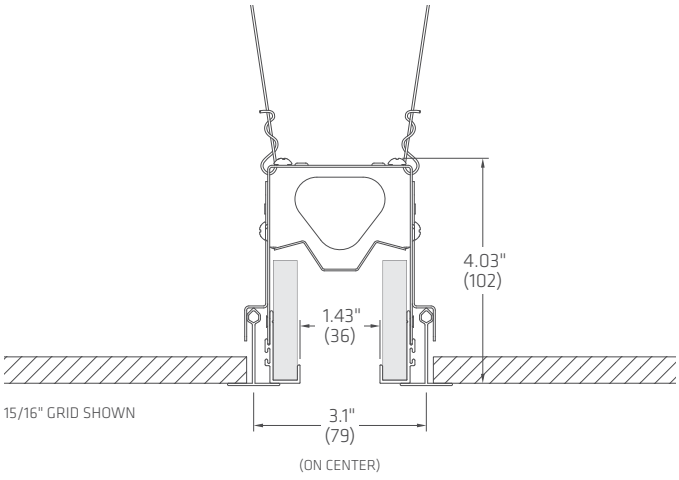
NN1-L-D2-B-C-35-F2-M-06

PROJECT

SANTA ANA ZOO EDUCATION HUB

NOTES

CROSS SECTION



CEILINGS & TRIM

DRYWALL TRIM

DRYWALL TRIMLESS

GRID

PERFORMANCE FOCUS

80 CRI 4000 K (NN1-Bx40)

	Energy (W/ft)	Light (lm/ft)	Efficacy (lm/W)
A	**4.5 W**	400	99
B	**5.5 W**	525	98
C	**7 W**	650	96
D	**8.5 W**	800	95

Color Matching (SDCM)	Lumen Maintenance (hr) L90 per TM21	L70 Estimate
< 2	> 60,000	> 200,000

Nominal values, refer to back pages for full performance data.

FEATURES

- 1.5" aperture, open design with fully luminous interior. No horizontal lenses or diffusers.
- Recessed companion to Profile Mini suspended, smaller scale version of Notch 2.
- Anidolic optics provide shielded, precisely controlled optical distributions, for low glare and wide row spacing.
- Up to 12 ft oc. spacing, delivering 40 fc at less than 0.4 W/ft^2.
- Length increments of 1' in drywall or 2' in T-grid ceilings.
- L-Corner module enables square, rectangular and open patterns.
- Extruded aluminum trims simplify installation and help installers to achieve precise fit and finish.
- Optional Dado and Capsule drywall endcaps create a unique boundary for a continuous line of light.

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SPECIFICATION DATA

NOTCH 1 AREA SYMMETRIC (NN1-B)

ORDER GUIDE

1	2	3	4	5	6	7	8	9	OPTIONS	CONTROLS
NN1	**L**	**D2**	**B**	**C**	**35**	**F2**	**M**	**06**		

1 FAMILY

NN1 Notch 1 Area

2 VERSION

L Linear Row
R Pattern Side/Corner

PATTERN [1]

P0 Square
P1 Rectangle
P2 2 Sides | 1 Corner
P3 3 Sides | 2 Corners
P4 4 Sides | 3 Corners
P5 5 Sides | 4 Corners

[1] Other patterns available, consult Fluxwerx.

3 TRIM / CEILING

D1 Drywall – Trim Flange
D2 Drywall – Trimless
G1 Grid – 9/16" or 15/16" Flat-T 9/16" Tegular or Bolt-Slot

4 DISTRIBUTION

A Asymmetric
▸ **B** Symmetric

5 ENERGY [2]

A 4.5 W/ft
B 5.5 W/ft
C 7 W/ft
D 8.5 W/ft

[2] Add 1 W/ft for BP or 347 V with E1-4/L1.

6 CRI-CCT

30 80 CRI 3000 K
35 80 CRI 3500 K
40 80 CRI 4000 K
93 90 CRI 3000 K
90 90 CRI 3500 K
94 90 CRI 4000 K

7 DRIVER

F1 Non-Dim
F2 0–10 V Dim 3%
E1 eldoLED ECO 0–10 V Dim 1%
E2 eldoLED SOLO 0–10 V Dim 0.1%
E3 eldoLED ECO DALI Dim 1%
E4 eldoLED SOLO DALI Dim 0.1%
L1 Lutron Hi-Lume 1% EcoSystem (LDE1)
L2 Lutron Hi-Lume 1% 2-Wire 120 V (LTEA)

8 VOLTAGE

M 120–277 V
1 120 V [4]
2 277 V [4]
3 347 V [5]

[4] Fixed 120 or 277 V for nLight, 120 V for 2-wire driver.
[5] 347 V Transformer for E1-4/L1 drivers.

9 LENGTH

XX Length in ft (min 2 ft)
Drywall – 1 ft increments
Grid – 2 ft increments
(for 1 ft consult Fluxwerx)

CORNERS

LC L Corner (Flat 2' x 2')

OPTIONS

WIRING & EMERGENCY

A# Alternate Wiring Module Qty
(Two 4 ft circuits in 8 ft module for EM, NL or AV switching)
B# Battery Pack Qty [6]
F 6' Flex Whip (in first module)
H# Emergency Switch Qty [6]
(GTD or Controller)
T Throughwire Circuit

[6] BP/GTD: For 120-277 V, linear 4 ft or 8 ft modules.

LAYOUT & FINISH

C Chicago Plenum
E Dado Endcap [7]
K Black Trim and Endcap
P Capsule Endcap [8]

[7] Dado End: D2 trim, only one end by default.
[8] Capsule End: D2 only.

CONTROLS

SENSORS & CONTROLLERS

RE1 Remote Enlighted Smart Sensor
VN1 Acuity nLight Converter

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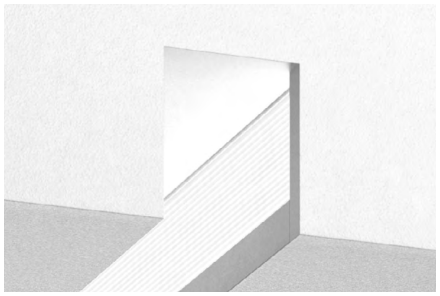
SPECIFICATION DATA

NOTCH 1 AREA SYMMETRIC (NN1-B)

PRODUCT DETAILS



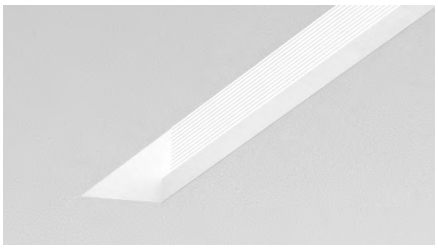
LINEAR ANIDOLIC OPTIC

TRIM OPTIONS

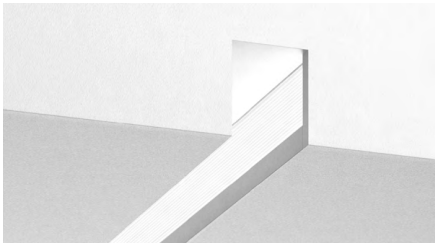
TRIM

D1 – DRYWALL TRIM FLANGE

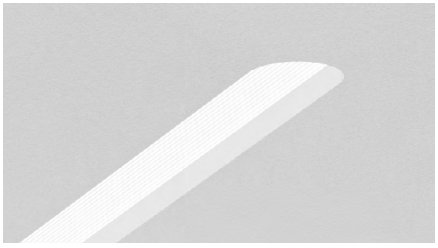
TRIMLESS



D2 – DRYWALL TRIMLESS



OPTIONAL – DADO ENDCAP

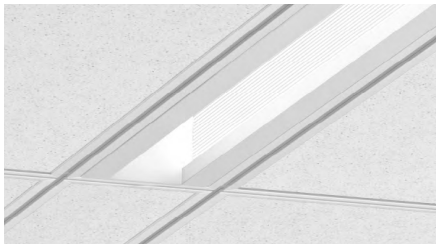


OPTIONAL – CAPSULE ENDCAP

GRID

G1 – 9/16" GRID FLAT T

G1 – 15/16" GRID FLAT T



G1 – 9/16" TEGULAR | SLOT GRID

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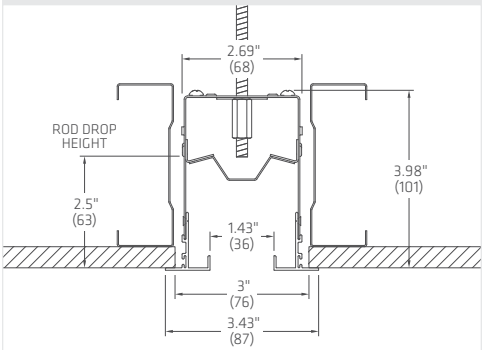
SPECIFICATION DATA

NOTCH 1 AREA SYMMETRIC (NN1-B)

DIMENSIONS

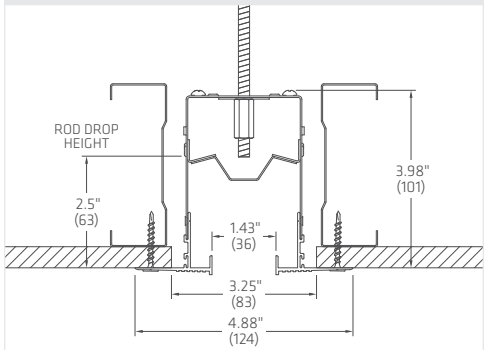
D1

DRYWALL TRIM FLANGE



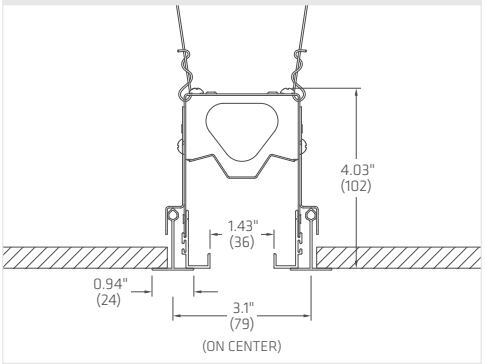
D2

DRYWALL TRIMLESS



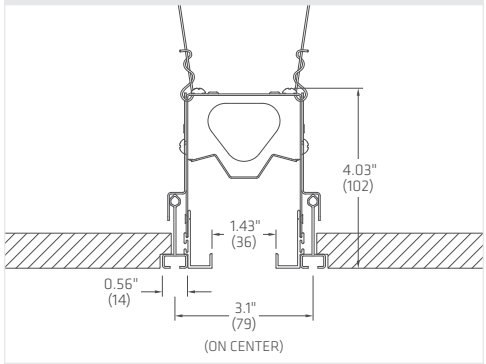
G1

15/16" | 9/16" FLAT GRID



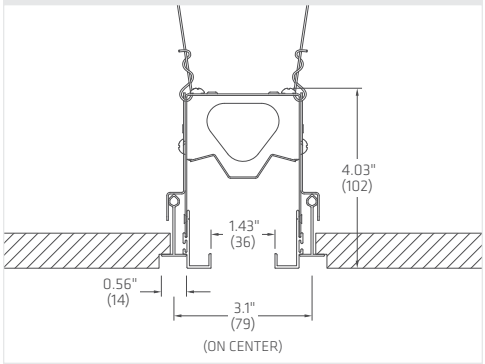
G1

9/16" BOLT SLOT TEGULAR GRID



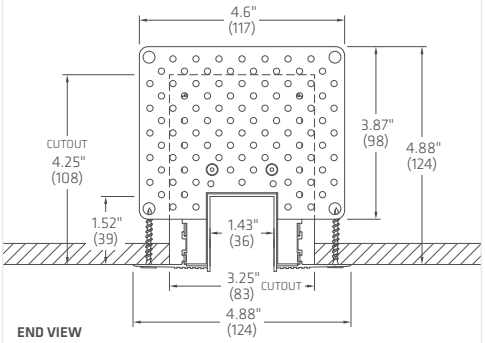
G1

9/16" TEGULAR



OPTION E

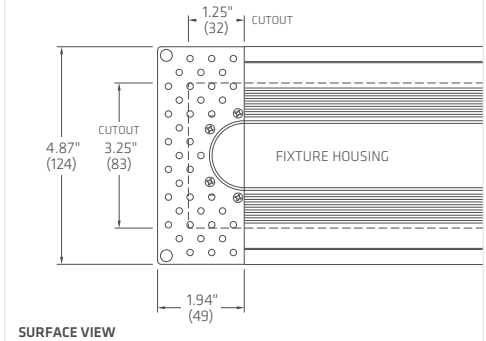
DADO ENDCAP



END VIEW

OPTION P

CAPSULE ENDCAP



SURFACE VIEW

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SPECIFICATION DATA

NOTCH 1 AREA SYMMETRIC (NN1-B)

LINEAR ROWS & FIXTURES

Continuous rows are available in nominal 1' increments in drywall ceilings and in 2' increments on-grid for T-bar ceilings.
Standalone fixtures are available in 2', 3', 4', 6', or 8' sizes.

2'

3' *(drywall only)*

4'

6'

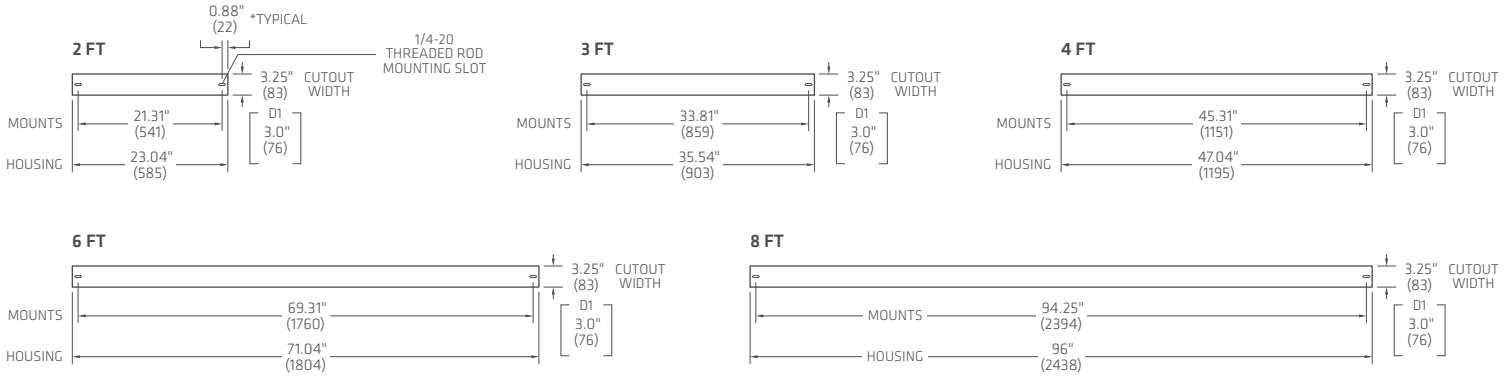
8'

X'

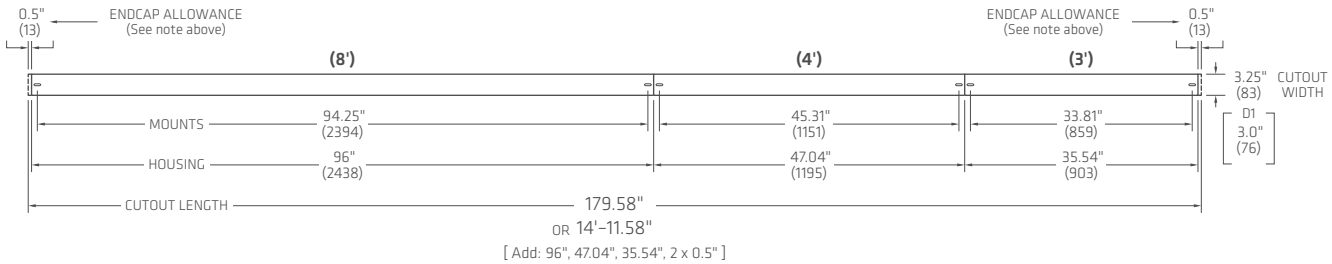
NOTE: Run lengths are nominal and vary with ceiling condition and trim selections.

DRYWALL CUTOUT DIMENSIONS

To determine the overall drywall ceiling cutout length, add an endcap allowance to each end of a straight run, as follows:
Standard flat endcap (D1-D4) – 1/2"; Capsule endcap – 1-1/4"; Dado endcap – 3/16".



EXAMPLE OF A DRYWALL CUTOUT FOR A 15' RUN



INSTALLATION NOTES

- Cutout dimensions apply to all drywall trim options.
- A minimum depth of 4.25" above the ceiling plane is required.
- Threaded rod or lag bolt mounting is required for ceiling installations only:
  – Ensure 1/4–20 threaded rod length is cut between 2.25"– 2.75" above finished ceiling plane.
  – 2 threaded rods required for each linear housing.

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SPECIFICATION DATA

NOTCH 1 AREA SYMMETRIC (NN1-B)

NOTES

CONSTRUCTION

- 20 ga. satin coat steel housing
- Extruded aluminum flange options available for drywall trim, trimless and T-bar grid ceilings
- White powdercoat or optional black trim

OPTICAL

- Anidolic optical structures with linear light extraction elements
- Precision extruded high transmittance clear acrylic lenses
- Long life mid-flux LED system designed for typical TM21 lumen maintenance ≥ L90 @ 60,000 h
- Available in 3000 K, 3500 K, 4000 K with CRI ≥ 80 and R9 ≥ 0, or CRI ≥ 90 and R9 ≥ 50, all with color accurate binning ≤ 2 SDCM

ELECTRICAL

- Integral high efficiency multivolt drivers, for 50–60 Hz 120–277 V or 347 V
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- Dim level: Standard 3%, optional 1% or 0.1%
- Optional Battery Pack delivers 10 W Class 2 rated output for 90 min. Use 12 W input energy to estimate emergency flux, typically 1000–1200 lm (@90–100 lm/W).
- Optional GTD (Generator Transfer Switch), 120–277 V, disables 0–10 V control during emergency for full light output
- Surge Protection: Meets ANSI C82.11 spec and ANSI/IEEE C62.41
- Inrush Current: Meets NEMA 410

ENVIRONMENTAL & CARE

- Designed for use in dry or damp indoor locations with ambient temperatures of 0–30° C (32–86° F)
- Not suitable for natatorium environments, e.g. swimming pools, hot tubs and saunas. The luminaire may be damaged by chemicals such as chlorine, solvents, ammonia, alcohol or sulfur in the area of operation or in cleaning products. Damage from contaminants is not covered under warranty.
- Clean only by wiping with a slightly water-damp, soft, clean cloth.

WEIGHT

- Maximum 3.5 lb/ft (5.2 kg/m) with standard driver
- Maximum 3.7 lb/ft (5.5 kg/m) with battery pack or 347 V transformer

WARRANTY

- 5 year limited warranty on all components and workmanship

INDEPENDENT TESTING

- IESNA LM79
- IESNA LM80 (LED @ 9,000 or 10,000 h)

APPROVALS

- UL Listed (USA + Canada)
- CCEA Chicago Plenum
- IC Rated

Protected by one or more US patents: 10215344, 10830415, 9733411, 9823406, D731700, D780971; EU patents: 002263020-0001, 002263020-0002, 002263020-0003.

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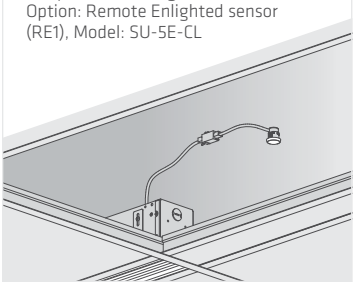
enlighted™

Enlighted wireless, networked smart sensor integrates occupancy sensing, daylight harvesting, energy usage, temperature and light level control.
Option: Remote Enlighted sensor (RE1), Model: SU-5E-CL



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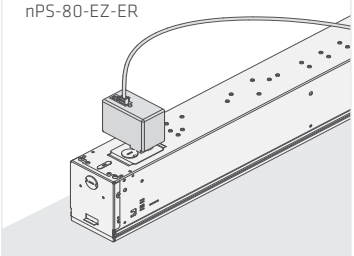
nLight wired, 2-way network supports luminaire light level control as well as occupancy and daylight sensors.
Option: Acuity nLight Converter (VN1), Model: nPS-80-EZ or nPS-80-EZ-ER



eldoLED®

EldoLED drivers support common wired protocols, 0–10 V and DALI. They also provide access to finer dimming control, dynamic white and Bluetooth low-energy (BLE) wireless.
Options: ECO 1% (E1), SOLO 0.1% (E2)

LUTRON®

Lutron EcoSystem network protocol enables on/off, dimming, occupancy sensing and daylight harvesting.
Option: Hi-Lume 1% EcoSystem (L1), Model: LDE1

legrand® Wattstopper® Pass & Seymour®

LEVITON® EATON® DISTECH CONTROLS™

CRESTRON®

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Due to continuous product improvements, specifications and dimensions are subject to change without notice. Certain options have limited compatibility with some other product selections. Consult www.fluxwerx.com for most current technical information.

SPECIFICATION DATA

NOTCH 1 AREA SYMMETRIC (NN1-B)

FAMILY PERFORMANCE

80 CRI

COLOR	4000 K	3500 K	3000 K
Color Rendering (CRI)	83	83	83
Red Index (R9)	6	4	6
Color Matching (SDCM)		< 2	

LUMEN MAINTENANCE	A 4.5 W	B 5.5 W	C 7 W	D 8.5 W
L90 per TM-21 (hr)		> 60,000		
L70 Estimate (hr)		> 200,000		

BATTERY OUTPUT – 80 CRI	4000 K	3500 K	3000 K
10 W BP Light (Est. lm)	1180	1160	1130

90 CRI

COLOR	4000 K	3500 K	3000 K
Color Rendering (CRI)	92	93	92
Red Index (R9)	63	64	59
Color Matching (SDCM)		< 2	

90 CRI OUTPUT	4000 K	3500 K	3000 K
90 CRI Multiplier	0.84	0.84	0.84

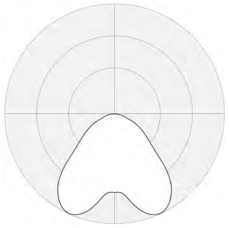
For Light (lm), Intensity (Cd) or Luminance (Cd/m²) in 90 CRI, multiply 80 CRI values by the 90 CRI Multiplier for chosen CCT.

VERSION PERFORMANCE

80 CRI, 100% Down Symmetric

CONFIGURATION			LIGHT & POWER			VISUAL COMFORT	
CCT	ENERGY (NOM.)		LIGHT (lm/ft)	POWER (W/ft)	EFFICACY (lm/W)	MAX INTENSITY 45–90° (Cd)	MAX LUMINANCE 45–90° (Cd/m²)
NN1-Bx40 4000 K	A	4.5 W	418	4.23	98.9	510	15,849
	B	5.5 W	529	5.39	98.1	644	20,027
	C	7 W	650	6.77	96.0	792	24,608
	D	8.5 W	794	8.41	94.5	968	30,098
NN1-Bx35 3500 K	A	4.5 W	409	4.23	96.7	499	15,498
	B	5.5 W	517	5.39	95.9	630	19,582
	C	7 W	636	6.77	93.9	775	24,060
	D	8.5 W	777	8.41	92.4	946	29,426
NN1-Bx30 3000 K	A	4.5 W	400	4.23	94.6	487	15,148
	B	5.5 W	505	5.39	93.7	616	19,136
	C	7 W	621	6.77	91.8	757	23,511
	D	8.5 W	759	8.41	90.3	925	28,754

LIGHT DISTRIBUTION



Notch 1
100% Dn Symmetric

Photometry Reports: 3500K, 18 W | 13911702.04; 22 W | 13911702.03; 36 W | 13809463.01

Integrating Sphere and Photometric results by an independent accredited testing laboratory per IES LM-79-2008 and ANSI C78.377-2011. Results for 3000K, 3500K and 4000K scaled based on integrating sphere results of Notch1 Symmetric and Profile Mini 100Dn 3000K and 4000K. Candlepower Distribution scaled per total lumens of Integrating Sphere results.

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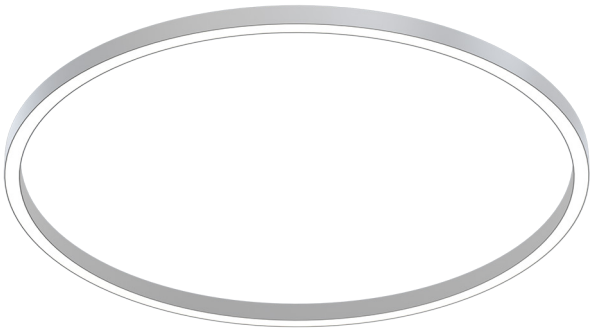
LIGHTING TYPE U

Coronet
designed and built in the USA

a CarbonNeutral company

Ring 6ft indirect/direct

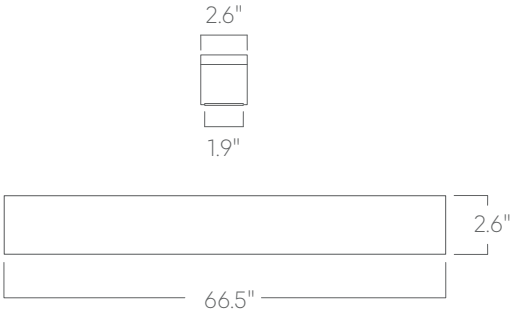


Our Performance Decorative luminaires offer a variety of decorative forms and sizes suitable for any modern space.

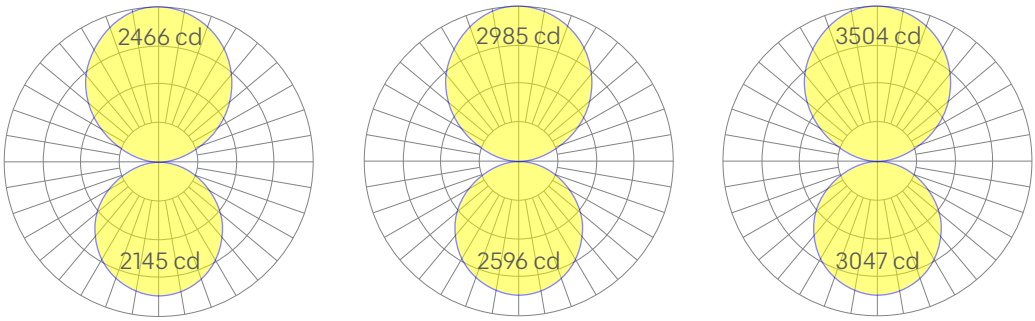
Features

- Rolled extruded aluminum
- Specifiable color temperature. CRI > 90, R9 >50
- Specifiable dimmable drivers or PoE
- Custom colors and wood finishes finishes available
- 5 Year, 50,000 hour warranty, damp location rated
- WELL Building Standard compatible learn more

Dimensions



Optics



low-low | medium-medium | high-high

Representative distribution and peak candela. For other options see order information or IES files here.

Modification date: November, 2023

coronetled.com
T 973 345 7660

Coronet reserves the right to make design changes.

LIGHTING TYPE U

Coronet
designed and built in the USA

a CarbonNeutral company

Ring 6ft indirect/direct

Ordering Information

For each option group below specify one option. If you don't see your preferred option listed, contact us for help.

1 Fixture ID

RING UPDN

2 Length

6 6 ft

3 Color Temperature

27 2700K/90 CRI
30 3000K/90 CRI
35 3500K/90 CRI
40 4000K/90 CRI

4 Output

Indirect
LOW Low output
MED Medium output
HIGH High output
CUST Custom output
Specify Watts or lumens

Direct
LOW Low output
MED Medium output
HIGH High output
CUST Custom output
Specify Watts or lumens.

5 Voltage

UNV Universal (120/277V)
347V 347V
Available for DB Driver only

6 Driver

DB Standard 0-10V 1%
PoE Power over Ethernet.

7 Finish

W White
BLK Black
SLV Silver
CC Custom Color
See finish options here.
CWF Custom Wood Finish
See finish options here.

8 Mounting

AC-CENT Aircraft Cable
Suspended from a center canopy
50" steel cable provided.
White canopies and power cord unless option specified in section 12.

AC-MULTI Aircraft Cable
Individual suspension points
50" steel cable provided.
White canopies and power cord unless option specified in section 12.

9 Optics

9a - Indirect
SD Standard Diffuser

9b - Direct
SD Standard Diffuser

10 Sensors/Controls

NA None
ACM Acuity nLight Module Only
CCS Casambi Module
AWNR Lutron Athena Wireless Node Module
OTHER Consult Factory

11 Circuit

NA None
DC Dual Circuit (separate indirect/direct control)
May require additional power feeds.
EMPCK Emergency battery pack
May require additional power feeds.
EMCKT Emergency circuit
May require additional power feeds
DAYCKT Daylight circuit
May require additional power feeds.

12 Options

STD White Canopy + White Cord
CAN-X Canopy + color
See finish options here.
SJ-BLK Black cord
SJ-WHT White cord

Performance

Output[1]	Indirect Watts	Indirect Lumens	Direct Watts	Direct Lumens
Low	95	7122	95	6177
Medium	115	8621	115	7497
High	135	10120	135	8831

[1]Based on a typically configured 90 CRI, 3500K luminaire using one driver.
Custom outputs available. Please consult factory.
For 4000K multiply by 1.05; for 3000K, 0.96; for 2700K, 0.92.

Technical Information

click here or scan QR code

Wiring diagrams, PoE and sensor details

Modification date: November, 2023

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T 973 345 7660

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Ring 6ft indirect/direct

Emergency Back-Up

Emergency, battery-powered drivers are available.
Emergency circuits for use with building generators are also available.

Drivers & Electrical

Remote, dimmable drivers are supplied in enclosures.
For remote driver box sizes, click here.

PoE (Power over Ethernet)

Compatible with virtually all PoE systems including Molex Coresync, Igor, Smartengine, Platformatics, and NuLED SPICEbox.
Consult Factory for systems not listed, See here for more info.

Weight

25 lbs

Optics

Laser-cut, cast, high-transmission acrylic lens with no LED imaging.

Construction

Rolled extruded aluminum.

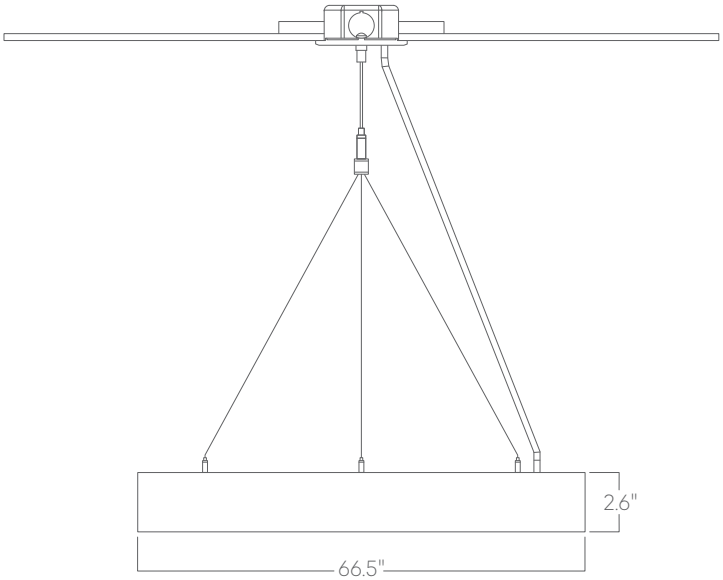
Finishes

All luminaires are finished in high quality polyester powder coating.
Our standard color is white. Any RAL color may be specified.

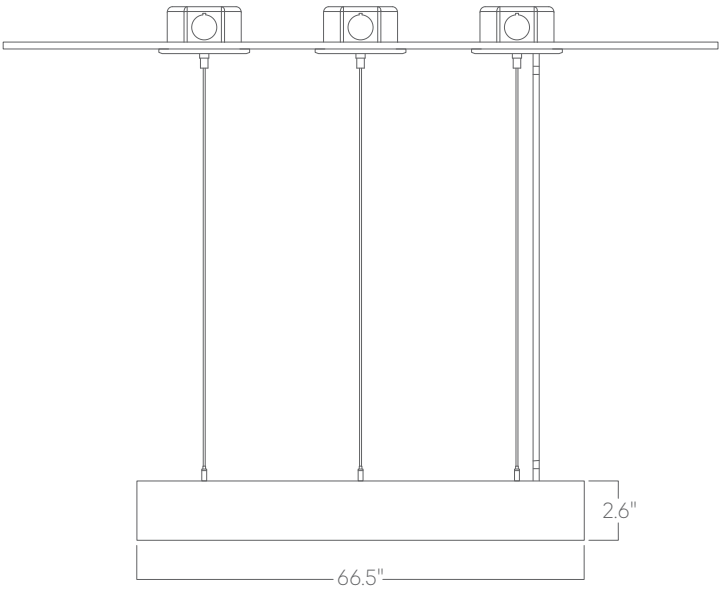
Ring 6ft indirect/direct

Mounting Options

Custom mounting types and ceiling transitions available; consult factory.



Aircraft cable



Aircraft cable (Individual susp. points)

Please consult factory shop drawings for suspension points. To prevent damage to fixtures, factory designated suspension points must not be field altered.

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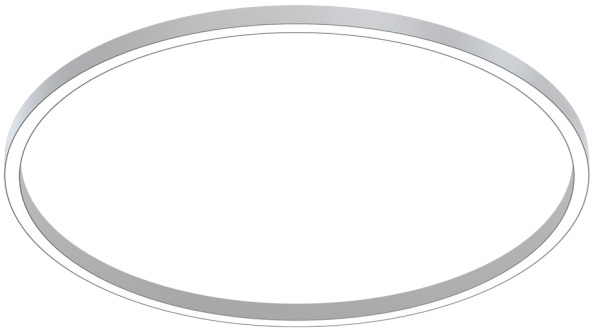
LIGHTING TYPE U-EM

Coronet
designed and built in the USA

a CarbonNeutral company

Ring 6ft indirect/direct



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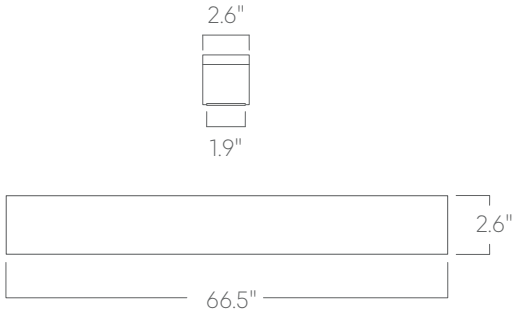
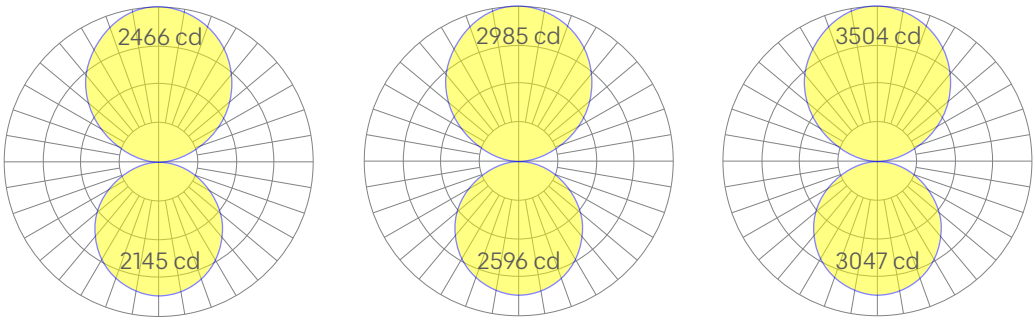
- Specifiable dimmable drivers or PoE
- Custom colors and wood finishes finishes available
- 5 Year, 50,000 hour warranty, damp location rated
- WELL Building Standard compatible learn more

Dimensions



Optics



low-low | medium-medium | high-high

Representative distribution and peak candela. For other options see order information or IES files here.

Modification date: November, 2023

coronetled.com
T 973 345 7660

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Coronet
designed and built in the USA

a CarbonNeutral company

Ring 6ft indirect/direct

Ordering Information

For each option group below specify one option. If you don't see your preferred option listed, contact us for help.

1 Fixture ID

RING UPDN

2 Length

6 6 ft

3 Color Temperature

27 2700K/90 CRI
30 3000K/90 CRI
35 3500K/90 CRI
40 4000K/90 CRI

4 Output

Indirect
LOW Low output
MED Medium output
HIGH High output
CUST Custom output
Specify Watts or lumens

Direct
LOW Low output
MED Medium output
HIGH High output
CUST Custom output
Specify Watts or lumens.

5 Voltage

UNV Universal (120/277V)
347V 347V
Available for DB Driver only

6 Driver

DB Standard 0-10V 1%
PoE Power over Ethernet.

7 Finish

W White
BLK Black
SLV Silver
CC Custom Color
See finish options here.
CWF Custom Wood Finish
See finish options here.

8 Mounting

AC-CENT Aircraft Cable
Suspended from a center canopy
50" steel cable provided.
White canopies and power cord unless option specified in section 12.

AC-MULTI Aircraft Cable
Individual suspension points
50" steel cable provided.
White canopies and power cord unless option specified in section 12.

9 Optics

9a - Indirect
SD Standard Diffuser

9b - Direct
SD Standard Diffuser

10 Sensors/Controls

NA None
ACM Acuity nLight Module Only
CCS Casambi Module
AWNR Lutron Athena Wireless Node Module
OTHER Consult Factory

11 Circuit

NA None
DC Dual Circuit (separate indirect/direct control)
May require additional power feeds.
EMPCK Emergency battery pack
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[1]Based on a typically configured 90 CRI, 3500K luminaire using one driver.
Custom outputs available. Please consult factory.
For 4000K multiply by 1.05; for 3000K, 0.96; for 2700K, 0.92.

Technical Information

click here or scan QR code

Wiring diagrams, PoE and sensor details

coronetled.com
T 973 345 7660

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Coronet
designed and built in the USA

a CarbonNeutral company

Ring 6ft indirect/direct

Emergency Back-Up

Emergency, battery-powered drivers are available.
Emergency circuits for use with building generators are also available.

Drivers & Electrical

Remote, dimmable drivers are supplied in enclosures.
For remote driver box sizes, click here.

PoE (Power over Ethernet)

Compatible with virtually all PoE systems including Molex Coresync, Igor, Smartengine, Platformatics, and NuLED SPICEbox.
Consult Factory for systems not listed, See here for more info.

Weight

25 lbs

Optics

Laser-cut, cast, high-transmission acrylic lens with no LED imaging.

Construction

Rolled extruded aluminum.

Finishes

All luminaires are finished in high quality polyester powder coating.
Our standard color is white. Any RAL color may be specified.

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T 973 345 7660

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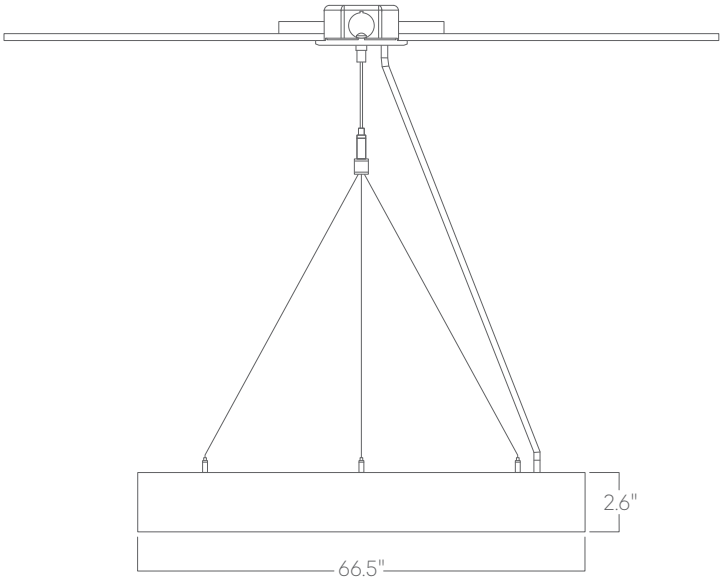
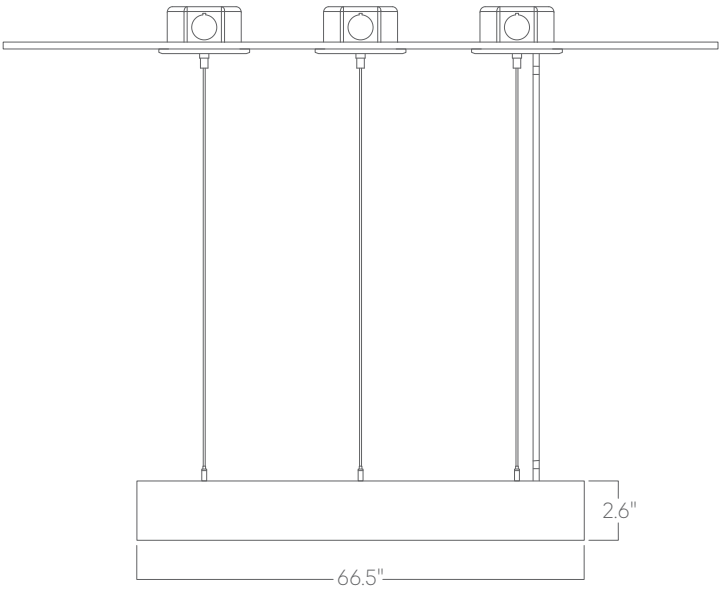
Ring 6ft indirect/direct

Mounting Options

Custom mounting types and ceiling transitions available; consult factory.



Aircraft cable



Aircraft cable (Individual susp. points)

Please consult factory shop drawings for suspension points. To prevent damage to fixtures, factory designated suspension points must not be field altered.

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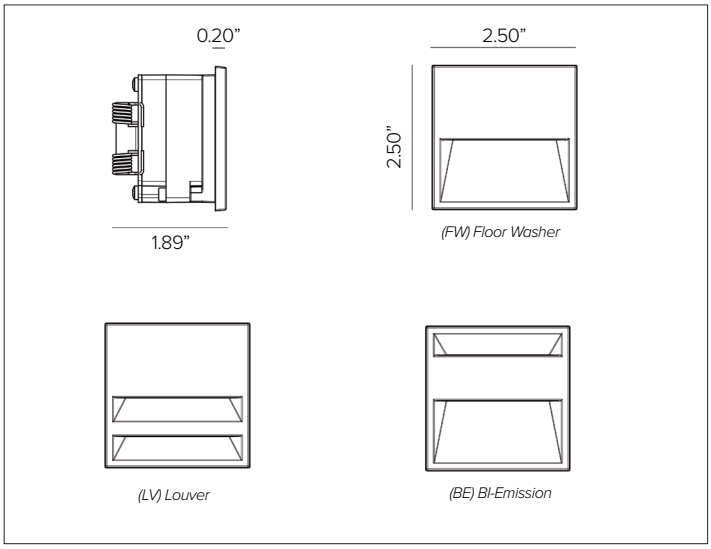
LIGHTING TYPE V

TARGETTI

ZEDGE MINI

Miniature LED Steplight

Left to right, shown in Louver faceplate shown in Deep Black finish, Bi-Emission faceplate shown in Ferrite Dark Grey finish, Floor Washer faceplate shown in Sandstone Grey finish.



Dark Sky · QS · Marine · RoHS3 Compliant · IP66 · cULus Class2

CONCEPT

Recessed LED steplight for indoor and outdoor applications.
Designed in collaboration with Gensler as Product Design Consultant.

MECHANICAL CHARACTERISTICS

Housing	2.5”W x 2.5”H x 1.89”D
Materials	Die-cast anodized aluminum body fitted with a spring fixing system. Powder coated die-cast anodized aluminum external frame. Aesthetically pleasing with no visible hardware.
Finish	Textured finish. Ferrite Dark Grey · Heritage Brown · Bronze Black · White · Sandstone Grey
Power Connection	Pre-cabled with 3’ Belden 18ga 2 conductor direct burial cable (no conduit required).
Mounting	To be completed with installation back box. Fixture secured with stainless steel spring system for semi-flush installation only. Recommended mounting height is +18” A.F.F.
BUG	B0-U0-G0 / B0-U1-G0 BE Emission only
Weight	0.35lbs
Protection	IP66
Impact	IK10

CERTIFICATIONS

cULcs Class 2 Wet Location Listed E479873.
Tested in accordance with LM-79-08.
Compliant for California installations.
RoHS3 EU 215/863

WARRANTY

5 year limited warranty

SUSTAINABILITY

Luminaire designed for disposal/recycling at end-of-life. Replaceable LED light source and control gear by a Targetti technician.

ELECTRICAL CHARACTERISTICS

Power Supply	Remote Class 2, 120V-277VAC power supply required, see available options.
Wattage	4W
Voltage	24V DC
Operating Temp.	-25°C / +35°C

SOURCE

High Efficiency LED Board. CRI dependent on version.

TM30	CCT (Nominal)	CRI	Rf	Rg	SDCM
ZEDGE MINI version	2700K	80	83	97.3	2
	3000K	80	82.9	97	2
	3500K	80	83.6	96.5	2
	4000K	80	82.6	95.7	2
	Ra90 available upon request				
ZEDGE MINI HO version	2700K	90	90.9	100.1	2
	3000K	90	90.3	100.4	2
	3500K	90	83.6	96.5	2
	4000K	90	89.8	98.7	2

OPTIC

Optical system is dependent version. FW / LV / BE versions are comprised of polycarbonate opal lens. HOFW version is comprised of polycarbonate clear lens. LV version comprised of a high reflectance anodized aluminum reflector.

Beam		FW 56°X94°	LV 49°X103°	BE 48°X79°	HO FW 27°X63°
Delivered Lumens	**2700K**	82Lm	37Lm	111Lm	171Lm
	3000K	87Lm	39Lm	117Lm	181Lm
	3500K	90Lm	40Lm	120Lm	186Lm
	4000K	90Lm	40Lm	121Lm	187Lm

Efficacy	48Lm/W max. Refer to photometric graphs for specific values.
Lifetime	L80/B10 56,000hrs at max TA +25°C
Photobiological Classification	Low risk photobiological safety RG1

TARGETTI

ZEDGE MINI

SPECIFICATION INFORMATION

ZES	RP	FW	BT	L2	35	24		/DMLE961242UD /	1US3166
1	2	3	4	5	6	7	8	9	10

Ex: ZESRPFWFEL13024 / DELV30124D / 1US3166-B

OPTIONAL — REQUIRED

1 - PRODUCT CODE	2 - DRIVER	3 - FACEPLATE	4 - FINISH	5 - WATTAGE	6 - KELVIN	7 - VOLTAGE
ZES — ZEDGE MINI	**RP** — Remote Power	**FW** — Floor Washer	**FE** — Ferrite Dark Grey	**L1** — 4W	**27** — 2700K	**24** — 24V DC
		LV — Louver	**HB** — Heritage Brown		**30** — 3000K	
		BE — Bi-Emission	**BZ** — Bronze		**35** — 3500K	
ZESHO [B] — ZEDGE MINI HIGH OUTPUT		**FW** — Floor Washer	**WT** — White	**L2** — 4W	**40** — 4000K	
			BT — Black			
			SG — Sandstone Grey			
			RAL — Custom RAL			

8 - OPTIONAL	9 - POWER SUPPLY	10 - INSTALLATION
MG [A] — Marine Grade	Power Supply *See section for details*	PVC Back Box *See section for details* Stainless Steel Back Box *See section for details* Mud Kit *See section for details*

[A] Marine Grade is recommended for use in environments with occasional exposure to salt air, reclaimed water, fertilizers, chemical cleaners, or frequent pressure washing (steam) cleaning. Fixture housing complete with marine grade cataphoresis suitable for use in marine grade environments. Not to be in direct contact with salt or corrosive agents for extended periods of time.

[B] High Output version only available in FW faceplate and L2 wattage.

For applicable quick ship items, see model configurations listed below. Lead time for quick ship fixtures is 1-2 weeks from processed PO date. Consult factory for quantities of over 20pcs to confirm lead time.

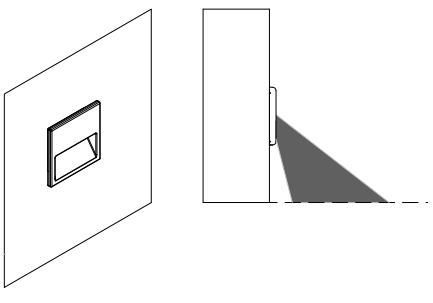
QS

QSZESRPFWFEL13024 + 1US3166 + DMLE301242UD / DMLE601242UD / DMLE961242UD
QSZESRPFWBTL13024 + 1US3166 + DMLE301242UD / DMLE601242UD / DMLE961242UD

FACEPLATE VERSIONS

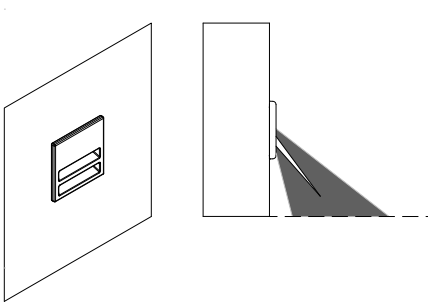
(FW) FLOOR WASHER

Uniform optical distribution on the floor and excellent visual comfort.



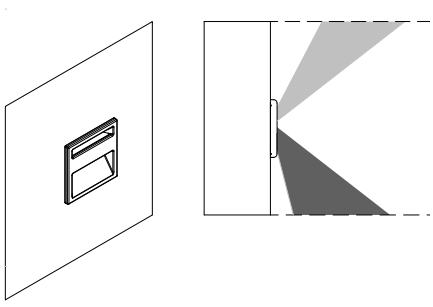
(LV) LOUVER

High visual comfort with source entirely hidden from view through two openings



(BE) BI-EMISSION

The floor washer optic combined with indirect illumination.



ZEDGE MINI

9 - POWER SUPPLY (REQUIRED)

ENCLOSURE

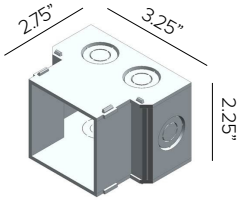
Part No.	*Wattage*	*Control*	*Dim Range*	*Rating*	*In / Out Voltage*	*Certification*	*Dimensions (Enclosure)*	*Description*
DMLE301242UD	*30W*	MLV / ELV / 0-10V / TRIAC	MLV <10% / ELV <10% / 0-10V <5%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD MLE-UD electronic driver with wiring compartment.
DMLE601242UD	*60W*	MLV / ELV / 0-10V / TRIAC	MLV <10% / ELV <10% / 0-10V <5%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD MLE-UD electronic driver with wiring compartment.
DMLE961242UD	*96W*	MLV / ELV / 0-10V / TRIAC	MLV <10% / ELV <10% / 0-10V <5%	NEMA3R	120-277V / 24V	UL Class 2	5.16" X 7.73" X 1.54"	EMCOD MLE-UD electronic driver with wiring compartment.
DEDDX100241CDMX	*100W*	DMX 1Ch Group Control	0%	NEMA3R	120-277V / 24V	UR Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
DMLE1922242UD	*2X96W*	MLV / ELV / 0-10V / TRIAC	MLV <10% / ELV <10% / 0-10V <5%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81"	EMCOD MLE-UD electronic driver with wiring compartment.
DMLE2882242UD	*3X96W*	MLV / ELV / 0-10V / TRIAC	MLV <10% / ELV <10% / 0-10V <5%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81"	Magnitude SOLIDrive electronic driver with built in junction box.
DEDDX200241CDMX	*2X100W*	DMX 1Ch Group Control	0%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.

MAX FIXTURES PER DRIVER

	Driver Wattage						
Fixture Wattage	*30W*	*60W*	*96W*	*100W*	*2X96W*	*3X96W*	*3X100W*
4W	**6**	**12**	**19**	**20**	**19+19**	**19+19+19**	**20+20+20**

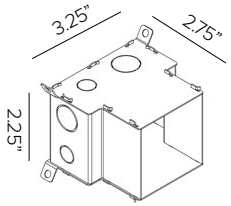
ZEDGE MINI

10 – INSTALLATION (REQUIRED)



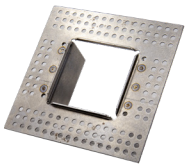
ZEDGE MINI PVC installation back box for semi-flush installations fitted for parallel connection with feed through-wiring, black finish. 6ea knockouts for 1/2” conduit made for low voltage cable (no conduit required, Class 2 wiring). **For use in drywall or stucco applications.**

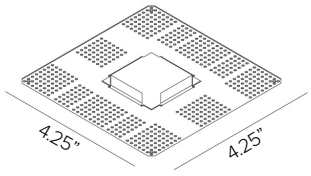
Part No. **1US3166-B**



ZEDGE MINI stainless steel installation back box for semi-flush installations fitted for parallel feed through-wiring connection. 2ea 3/8” and 2ea 1/2” grommets provided for low voltage cable (no conduit required, Class 2 wiring). **For use in concrete pour outdoor/harsh environment applications.**

Part No. **1US3166**



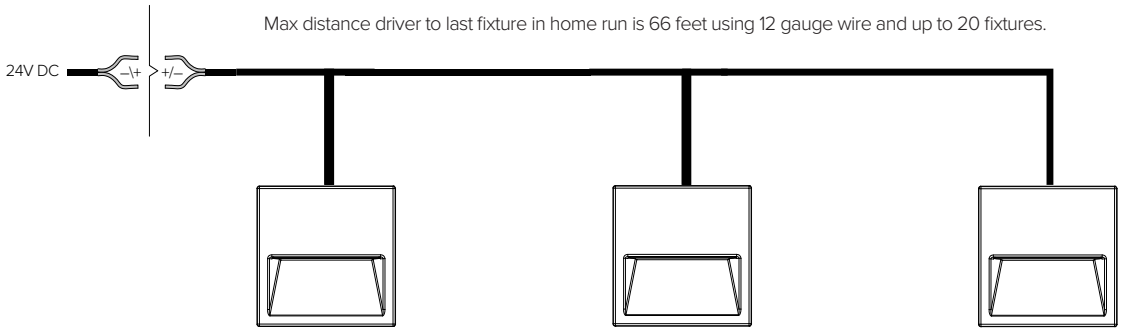


ZEDGE MINI mud plate. **For use in retrofit Class 2 installations in drywall or stucco applications.**

Part No. **1USMK01**

ZEDGE MINI

WIRING DIAGRAM

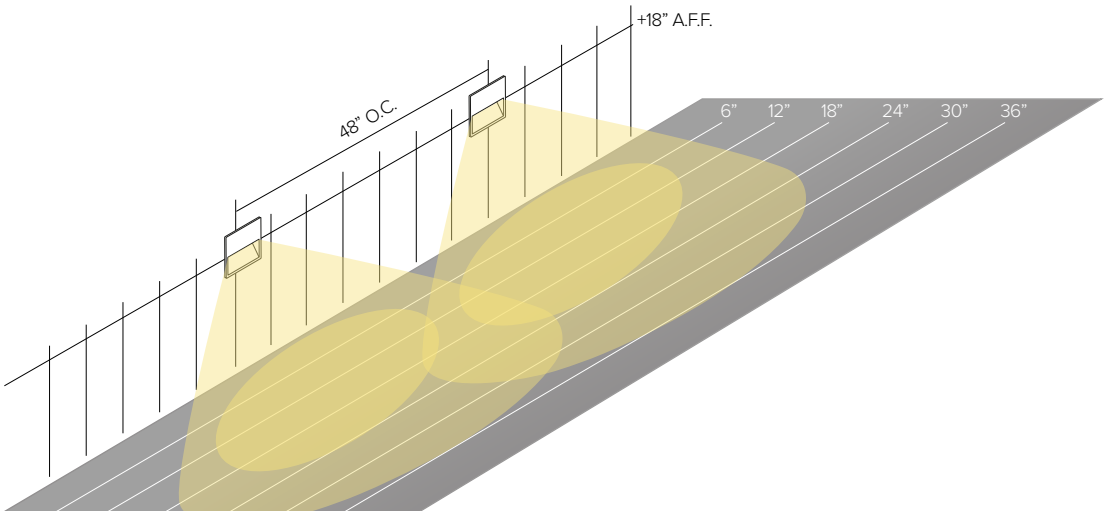


MAXIMUM CABLE DISTANCE

No. Fixtures	*Load*	*18 AWG*	*16 AWG*	*14 AWG*	*12 AWG*
1-4	≤16W	72ft	115ft	180ft	290ft
5-8	≤32W	42ft	67ft	106ft	165ft
9-12	≤48W	28ft	44ft	70ft	112ft
13-16	≤54W	20ft	33ft	52ft	84ft
17-20	≤80W	16ft	26ft	41ft	66ft

**Voltage drop calculations are based on 3% max drop to last fixture in run for load and distances below*

SUGGESTED MOUNTING DIAGRAM

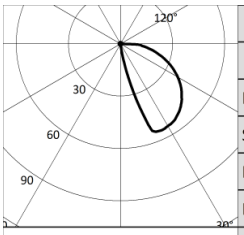


Recommended mounting height is +18" A.F.F. on 48" center spacing to meet egress requirements of 1fc minimum.
**Fixture calculated Floor Wash Faceplate using 3000K and White finish.*

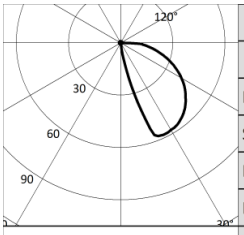
ZEDGE MINI

PHOTOMETRY

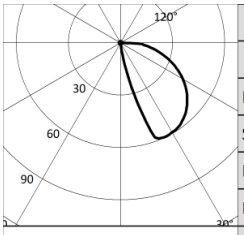
ZEDGE MINI – FLOOR WASHER



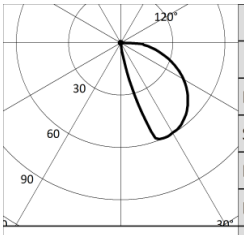
2700K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			56°	94°	
Fixture Power	4W	1	2.59	2.40	44
Source Flux	608lm	2	5.19	4.79	11
Fixture Flux	78lm	3	7.78	7.19	5
Efficacy	20lm/W	4	10.37	9.59	3
TS999 Imax=90cd/klm	Imax 55cd	5	12.97	11.98	2



3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			56°	94°	
Fixture Power	4W	1	2.59	2.40	47
Source Flux	645lm	2	5.19	4.79	12
Fixture Flux	83lm	3	7.78	7.19	5
Efficacy	21lm/W	4	10.37	9.59	3
TS999 Imax=90cd/klm	Imax 58cd	5	12.96	11.99	2

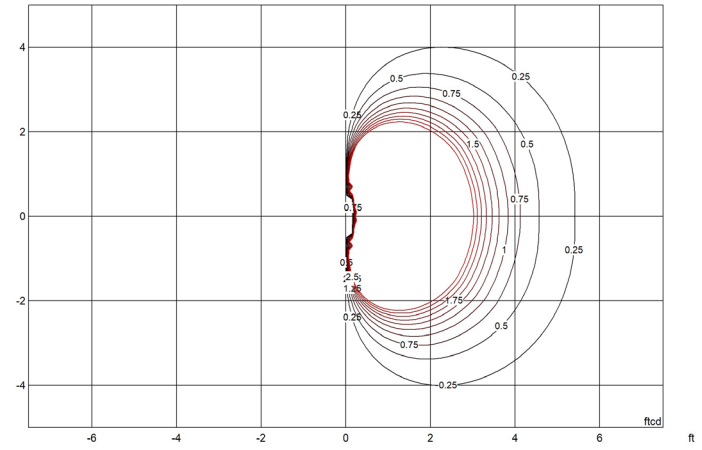


3500K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			56°	94°	
Fixture Power	4W	1	2.59	2.40	48
Source Flux	662lm	2	5.19	4.79	12
Fixture Flux	85lm	3	7.78	7.19	5
Efficacy	22lm/W	4	10.37	9.59	3
TS999 Imax=90cd/klm	Imax 60cd	5	12.97	11.99	2



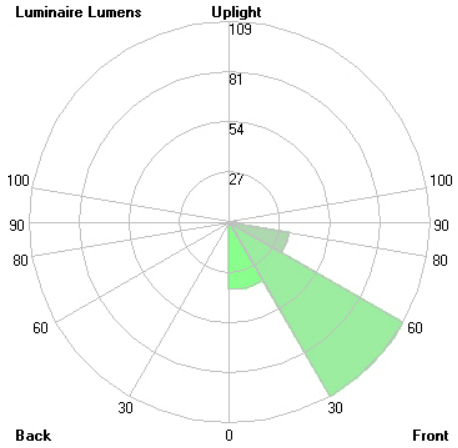
4000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			56°	94°	
Fixture Power	4W	1	2.59	2.40	48
Source Flux	666lm	2	5.19	4.79	12
Fixture Flux	86lm	3	7.78	7.19	5
Efficacy	22lm/W	4	10.37	9.59	3
TS999 Imax=90cd/klm	Imax 60cd	5	12.96	11.98	2

ISOLUX DIAGRAM



MOUNTING HEIGHT = 18”

LCS GRAPH



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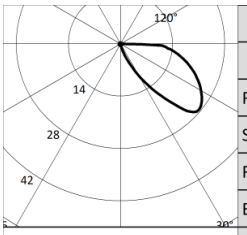
TARGETTI

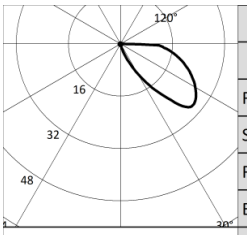
ZEDGE MINI

PHOTOMETRY

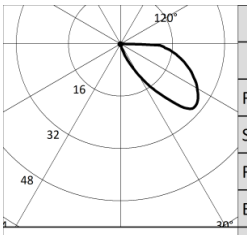
ZEDGE MINI – LOUVER



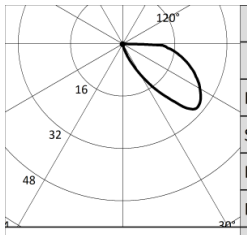
2700K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			49°	103°	
Fixture Power	4W	1	8.06	3.92	9
Source Flux	608lm	2	16.12	7.85	2
Fixture Flux	34lm	3	24.18	11.77	1
Efficacy	9lm/W	4	32.24	15.70	1
TS1001 Imax=45cd/klm	Imax 27cd	5	40.30	19.62	0



3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			49°	103°	
Fixture Power	4W	1	8.06	3.92	10
Source Flux	645lm	2	16.12	7.85	2
Fixture Flux	36lm	3	24.19	11.77	1
Efficacy	9lm/W	4	32.25	15.69	1
TS1001 Imax=45cd/klm	Imax 29cd	5	40.31	19.62	0

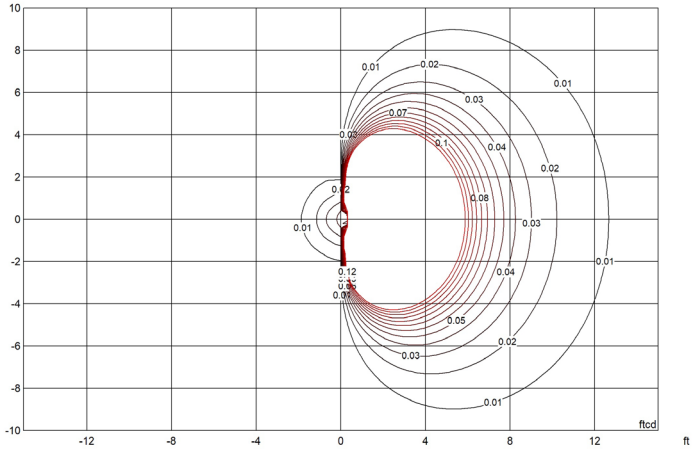


3500K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			49°	103°	
Fixture Power	4W	1	8.07	3.92	10
Source Flux	662lm	2	16.14	7.85	2
Fixture Flux	37lm	3	24.21	11.77	1
Efficacy	9lm/W	4	32.28	15.69	1
TS1001 Imax=45cd/klm	Imax 30cd	5	40.35	19.62	0



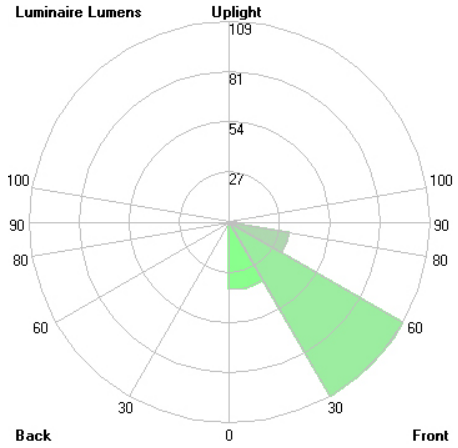
4000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			49°	103°	
Fixture Power	4W	1	8.06	3.92	10
Source Flux	666lm	2	16.12	7.85	2
Fixture Flux	37lm	3	24.19	11.77	1
Efficacy	9lm/W	4	32.25	15.69	1
TS1001 Imax=45cd/klm	Imax 30cd	5	40.31	19.62	0

ISOLUX DIAGRAM



MOUNTING HEIGHT = 18”

LCS GRAPH



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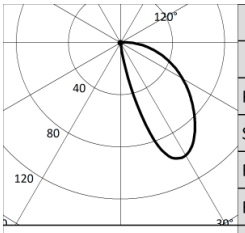
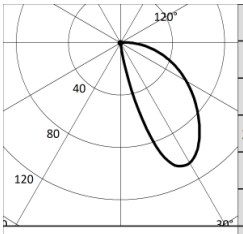
ZEDGE MINI

PHOTOMETRY

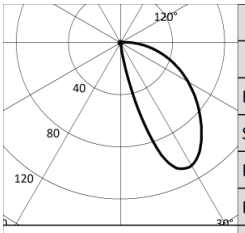
ZEDGE MINI – BI-EMISSION



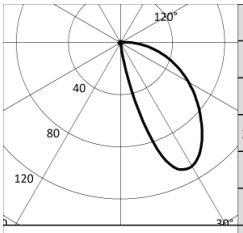
2700K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			48°	79°	
Fixture Power	4W	1	1.69	1.89	74
Source Flux	608lm	2	3.37	3.77	18
Fixture Flux	111lm	3	5.06	5.66	8
Efficacy	28lm/W	4	6.75	7.54	5
TS1000 Imax=164cd/klm	Imax 100cd	5	8.43	9.43	3



3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			48°	79°	
Fixture Power	4W	1	1.69	1.89	78
Source Flux	645lm	2	3.37	3.77	20
Fixture Flux	117lm	3	5.06	5.66	9
Efficacy	30lm/W	4	6.75	7.54	5
TS1000 Imax=164cd/klm	Imax 106cd	5	8.43	9.43	3

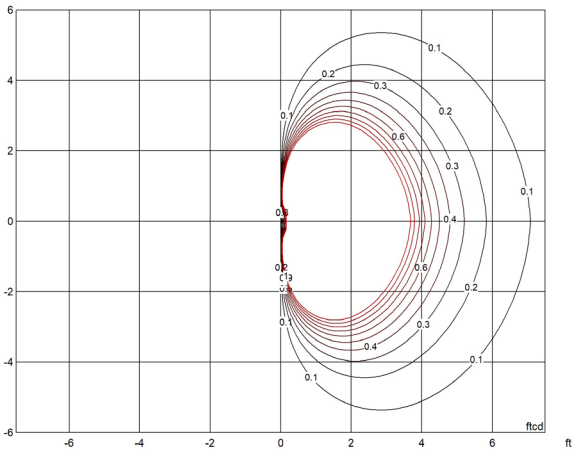


3500K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			48°	79°	
Fixture Power	4W	1	1.69	1.89	80
Source Flux	662lm	2	3.37	3.77	20
Fixture Flux	120lm	3	5.06	5.66	9
Efficacy	31lm/W	4	6.75	7.54	5
TS1000 Imax=164cd/klm	Imax 109cd	5	8.43	9.43	3



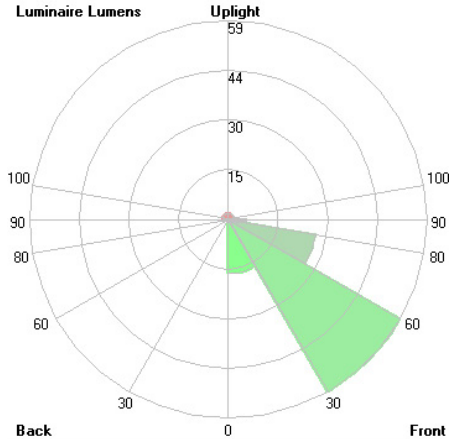
4000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			48°	79°	
Fixture Power	4W	1	1.69	1.89	81
Source Flux	666lm	2	3.37	3.77	20
Fixture Flux	121lm	3	5.06	5.66	9
Efficacy	31lm/W	4	6.75	7.54	5
TS1000 Imax=164cd/klm	Imax 109cd	5	8.43	9.43	3

ISOLUX DIAGRAM



MOUNTING HEIGHT = 18”

LCS GRAPH



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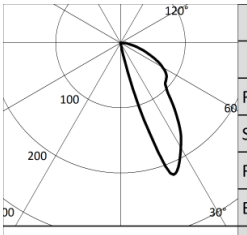
TARGETTI

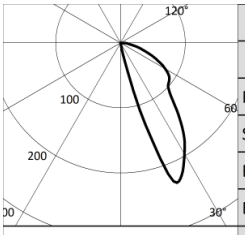
ZEDGE MINI

PHOTOMETRY

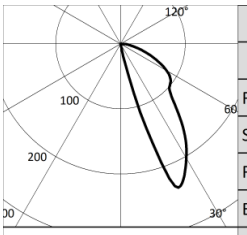
ZEDGE MINI HO – FLOOR WASHER



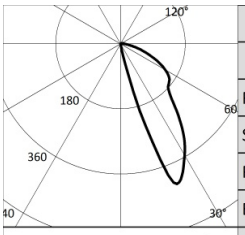
2700K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra90			27°	63°	
Fixture Power	4W	1	0.64	1.33	182
Source Flux	523lm	2	1.27	2.67	46
Fixture Flux	166lm	3	1.91	4.00	20
Efficacy	43lm/W	4	2.55	5.33	11
TS1456 Imax=427cd/klm	Imax 223cd	5	3.19	6.66	7



3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra90			27°	63°	
Fixture Power	4W	1	0.64	1.33	193
Source Flux	555lm	2	1.27	2.67	48
Fixture Flux	176lm	3	1.91	4.00	21
Efficacy	45lm/W	4	2.55	5.33	12
TS1456 Imax=427cd/klm	Imax 237cd	5	3.19	6.66	8

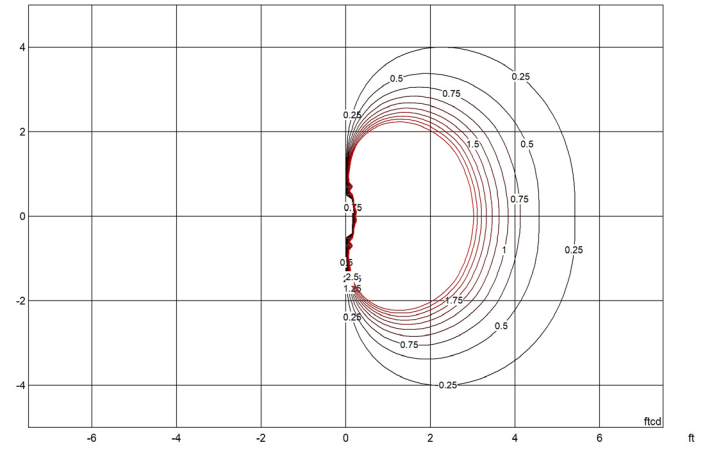


3500K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra90			27°	63°	
Fixture Power	4W	1	0.64	1.33	199
Source Flux	570lm	2	1.27	2.67	50
Fixture Flux	181lm	3	1.91	4.00	22
Efficacy	46lm/W	4	2.55	5.33	12
TS1456 Imax=427cd/klm	Imax 243cd	5	3.19	6.66	8



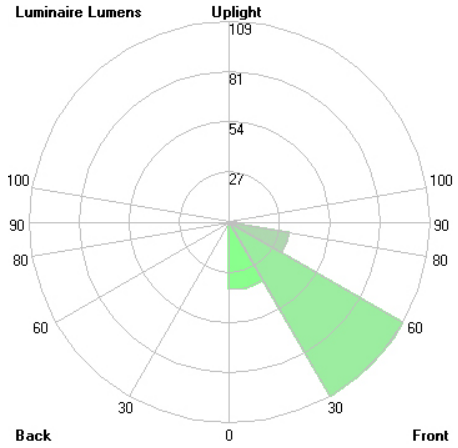
4000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra90			27°	63°	
Fixture Power	4W	1	0.64	1.33	200
Source Flux	573lm	2	1.27	2.67	50
Fixture Flux	187lm	3	1.91	4.00	22
Efficacy	48lm/W	4	2.55	5.33	12
TS1456 Imax=427cd/klm	Imax 245cd	5	3.19	6.66	8

ISOLUX DIAGRAM



MOUNTING HEIGHT = 18”

LCS GRAPH



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LIGHTING TYPE W1, W2

NX-810-LED / NX-811-LED / NX-812-LED

Surface Adjustable LED Edge-Lit Exit Sign
Source: 5W LED

Type W1, W2
Project Santa Ana Zoo Education Hub
Catalog No. NX-810-LED-G-M-A
Notes

PRODUCT DESCRIPTION

Architectural acrylic edge-lit sign for applications requiring low-profile, yet decorative appearance. Uses included, but are not limited to museums, galleries, office building lobbies, etc. Incorporates 25+ year LED source. AC, 2-Circuit, and Battery Backup configurations are available with letters in either green or red color.

BODY

Extruded aluminum housing and acrylic panel.

FACE

Edge-lit Exit is available in either single or double face. Face is constructed with 0.40 clear acrylic with rounded and finished edge for attractive appearance. Face contains red or green 6" high and 3/4" thick lettering inside face to comply with NFPA requirements. Reflective stick-on chevrons provided and are applied to rear of panel in order for light to reflect off the inner face of the chevron tape to provide a similiar effect as the lettering embedded inside the acrylic. Face can be adjusted in the field from 0º to 90º for wall, ceiling or sloped applications.

MOUNTING

Mounting hardware consist of 0.06 steel universal junction box bracket, 7/8" profile 0.11 die-cast aluminum bracket cover, screws, wire nuts, and silver-finished plastic plugs that are used to eliminate remaining knocouts once mounting configuration is selected.

ELECTRICAL

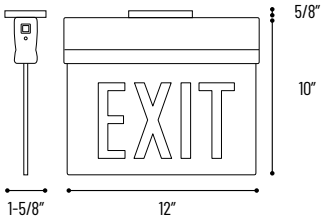
Voltage: Dual 120V/277V (0.038A / 0.017A)
LED Wattage: 3 Watts normal / 5 Watts emergency operation
Emergency Circuit (NX-811-LED): 2nd circuit for input from external EPS or other alternative emergency power source or generator
Battery (NX-812-LED): Replaceable Ni-Cad battery provides 90 minutes of illumination during emergency operation
Testing: High charge / ready operation indicator light with test button and automatic reset
Circuit Protection: Isolated surge / short circuit protection (Disconnect for deep discharge)
Life Expectancy: 25 Years with no change in illumination level

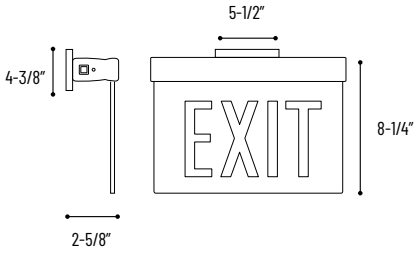
LABELS AND LISTINGS

- UL Listed
- NEC
- NFPA
- State & Municipal
- 5-Year Limited Warranty
- Certified to the energy efficiency standards of California Title 20

c UL us LISTED | TITLE 20 COMPLIANT | DAMP | NORA 5 YEAR LIMITED WARRANTY

PRODUCT IMAGES AND DIMENSIONS





LED Exit Sign

Operation	Letter Color	Face(s) / Acrylic	Housing Color
☑ **NX-810-LED** = AC only	☐ **R** = Red	☐ **C** = Single Face / Clear Acrylic	☑ **A** = Aluminum
☐ **NX-811-LED** = 2-Circuit	☑ **G** = Green	☑ **M** = Single Face / Mirrored Acrylic	☐ **W** = White
☐ **NX-812-LED** = Battery Backup		☐ **2M** = Double Face / Mirrored Acrylic	☐ **B** = Black

Optional Accessories

Description
☐ **NEXC-G** = Replacement Green Chevrons
☐ **NEXC-R** = Replacement Red Chevrons

Example: **NX-810-LEDRCA** = AC only Exit Sign, Red Letters, Single Face / Clear Acrylic, Aluminum Housing

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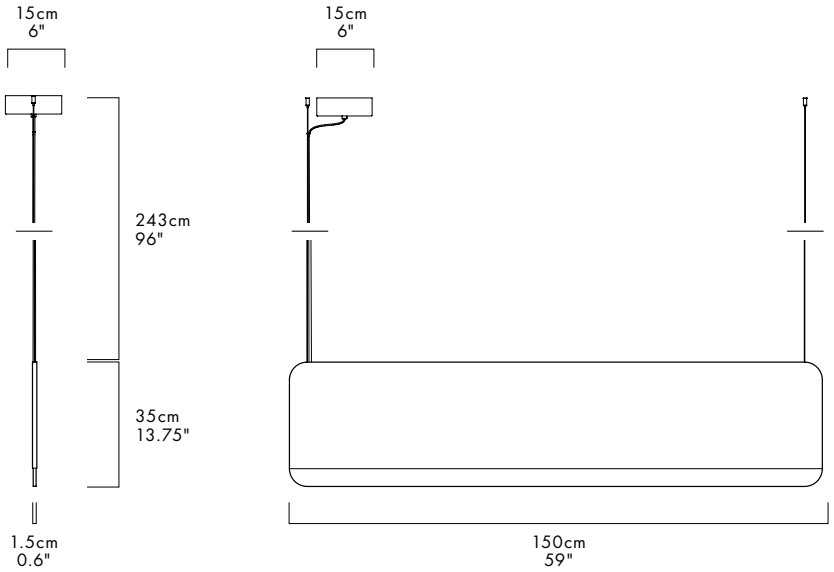
SLAB 150 – PENDANT

LIGHTING TYPE Y

LUKAS PEET / 2013



SLA-150-P-GRY-30-MLV-120

DESCRIPTION

A LED light covered in industrial grade felt made from 100% natural Merino wool. The Slab light fixture reduces acoustic ambient sound in the environment that it is hung in, and is designed to be a noticeable but not overwhelming presence.

MATERIALS

- Acrylic
- 100% Merino Wool Felt

MANUFACTURED

Canada

DIMENSIONS

150 x 35 x 1.5cm / 59" x 13.75" x 0.6"

FACTORY DROP LENGTH

243cm / 96" *CUSTOM LENGTH AVAILABLE

ELECTRICAL

- 15W LED Panel
- 50,000 hour Lifetime
- 90+ CRI
- Input Voltage: 120V, 230V + 277V
- Integral 12V DC power supply included
- Dimming Options: MLV, 0–10, Dali

COLOUR TEMPERATURE OPTIONS

2700K 3000K 3500K 4100K

WARM COOL

CERTIFICATIONS

FINISHES

WOOL WHITE (WWH)

MARIGOLD (GLD)

WOOL GREY (GRY)

FERN GREEN (GRN)

WOOL BROWN (BRN)

WOOL BLACK (BLK)

CUSTOM

SERIES	SIZE	TYPE	FINISH	CCT	PS	VOLTAGE IN
SLA	150	P	☐ WWH (WOOL WHITE)	☐ 27 (2700K)	☐ MLV*	☐ 120
			☐ GRY (WOOL GREY)	☐ 30 (3000K*)	☐ 010	☐ 230
			☐ BRN (WOOL BROWN)	☐ 35 (3500K)	☐ DAL	☐ 277
			☐ BLK (WOOL BLACK)	☐ 41 (4100K*)		
			☐ GLD (MARIGOLD)			
			☐ GRN (FERN GREEN)			

*STANDARD STOCK FOR 120v

MODIFIED: 09/24/19

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