

Key Features & Benefits:

- Housing:
 - 5VA UV protected fiberglass housing
 - Silicone perimeter gasket
 - Stainless steel mounting brackets
- Lens:
 - Clear 100% impact modified acrylic
 - UV stabilized lens
 - Clear polycarbonate clips
- Gear Trey:
 - Pre-painted cold rolled steel
 - Easy access for quick installation
 - Secured with stainless steel wire
- Long Life:
 - 10 year warranty (12 hour run times)
 - 7 year warranty (24 hour run times)
- Ingress IP66 - Suitable for Wet Locations
- Control Options:
 - Photocell
 - Occupancy
- Emergency Capable
- 1/2" NPT / M20 Fittings on Both Sides



Project: _____

Date: _____

Catalog #: _____

Notes: _____



Electrical Data:

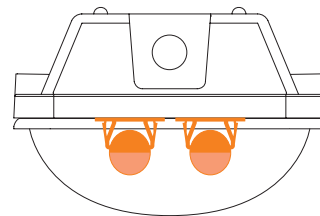
Light Specifications:

Lumen Output: Up to 3,661 Lumens
 Efficacy (lm/W): Up to 129 Lumens per Watt
 Kelvin: 3000K, 3500K, 4000K, 5000K
 Color Rendering Index (CRI): >82
 Rated Life: > 80,000 hrs

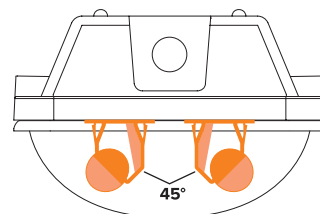
Driver Data:

Input Voltage: 120-277 VAC
 Input Power: 30W
 Input Current @ 120V: 0.25 Amps
 Input Current @ 240V: 0.125 Amps
 Input Current @ 277V: 0.1083 Amps
 Total Harmonic Distortion (THD): <10%
 Power Factor: >0.99
 Operating Temperature: -4 ~ 122°F

Double Ti Normal Distribution



Double Ti Wide Distribution



Catalog Data:

	ITEM#	WATTS	LUMEN OUTPUT	EFFICACY (lm/W)	KELVIN	DLC QPL CODE
NORMAL DISTRIBUTION	ESL-TI-VP4N-S-30W-F30	30W	3,570	126	3000K	P9RQO0VH
	ESL-TI-VP4N-S-30W-F35	30W	3,577	126	3500K	P9QNXDLY
	ESL-TI-VP4N-S-30W-F40	30W	3,616	128	4000K	PA54C3NT
	ESL-TI-VP4N-S-30W-F50	30W	3,661	129	5000K	PCSBL26H
—WIDE— DISTRIBUTION	ESL-TI-VP4W-S-30W-F30	30W	3,570	126	3000K	N/A
	ESL-TI-VP4W-S-30W-F35	30W	3,577	126	3500K	N/A
	ESL-TI-VP4W-S-30W-F40	30W	3,616	128	4000K	N/A
	ESL-TI-VP4W-S-30W-F50	30W	3,661	129	5000K	N/A

Ordering Guide: Example Part Number: **ESL-Ti-VP4N-S-30W-F40**

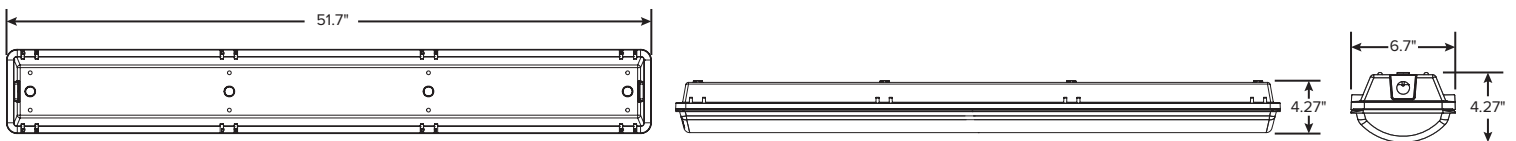


Additional Options:

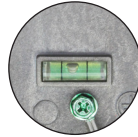
- ESL-4OCC-LDD Photocell/Occupancy Sensor for Standard Mounting, Dip Switch, 0-10v
- ESL-REM-100 Remote for 2OCC-HDD, 3OCC/B, 4OCC-LDD, 8OCC
- ESL-EMG-2DC-9W Emergency Backup, DC, 9 Watts
- ESL-CS3W-6* Cord Set, White, 3 wire, 6 foot
- ESL-CS3W-6P* Cord Set, White, 3 wire, 6 foot, Standard Plug
- ESL-CS3W-6TL* Cord Set, White, 3 wire, 6 foot, Twist lock Plug
- ESL-CS3W-12* Cord Set, White, 3 wire, 12 foot
- ESL-CS3W-12P* Cord Set, White, 3 wire, 12 foot, Standard Plug
- ESL-CS3W-12TL* Cord Set, White, 3 wire, 12 foot, Twist lock Plug
- ESL-SPD-277-1 Surge Protector; (100-277 VAC)
- ESL-480V-SD01 480 Volt Step Down Transformer
- ESL-VP-CM-VP4X Direct Mount to the Ceiling for the 2',4',8' Narrow and Wide Body Fixture - 2 per
- ESL-VP-45DM-VP4X 45 Degree Mount for the 2',4',8' Narrow and Wide Body Fixture - 2 per
- ESL-VP-PM-VP4X Pendant Mount 3/8" Standard - 2 per
- ESL-VP-CH-VP4X Chain Hang CT-Bail - 2 per
- ESL-VPSS Stainless Steel Latches (2'=6 latches) (4' =8 latches) (VPHB' =12 latches)

*Other lengths and black cord available upon request

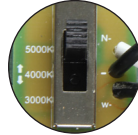
Dimensions:



WALLMAX™ LARGE CUTOFF WPCL SERIES



Built in level helps ensure straight mounting



CCT Selectable switch
Choose between 3K, 4K or 5K

PRODUCT DESCRIPTION:

WallMax Cutoff Wall Packs are a full cutoff architectural wall mounted fixture ideal for commercial offices, schools and other public administrative buildings. It offers a wide range of outputs and options including CCT selectability so the customer can choose between 3000K, 4000K and 5000K color temperatures.



FEATURES:

- 120V-277V, 347V-480V available
- 0-10V dimming
- Color Selectable between 3000K, 4000K or 5000K

CONTROL OPTIONS:

- Photocontrol (120V-277V)
- Dimmable motion sensor with photocontrol (requires RMRC-100 remote control to program)

INSTALLATION:

- 1/2" threaded conduit hole in the center of the back housing
- 5 1/2" threaded conduit holes, one on each side of the back housing and 2 on the top of the housing
- Built in level helps ensure straight mounting

CONSTRUCTION:

Die Cast Aluminum housing with polycarbonate LED lens

WARRANTY:

10-year standard warranty with labor allowance* (further details available at www.maxlite.com/warranties)

*Warranty Limitations: Product must be rated for the application per the Product Data Sheet (PDS); operated ≤16 hrs; in ambient of -29°F to 104°F.

*Up to \$25/unit; labor allowances of up to \$500/unit available for purchase – contact MaxLite representative for details.

ORDER STRUCTURE

FAMILY	WATTAGE	VOLTAGE	DISTRIBUTION	CCT	FINISH	OPTIONS ¹
WPCL= WallMax Cutoff	40= 40W 70= 70W 100= 100W	U= 120-277V H= 347-480V	T4= Type IV	CS= CCT Selectable (3K, 4K, 5K)	B= Bronze Contact MaxLite for additional finishes	EM0= Battery Backup, 0°C, 120V or 277V only EM2= Battery Backup, -20°C, 120V or 277V only MS ² = PIR Daylight/Motion Sensor PC= 120-277V Button Photocontrol

NOTES:

¹EM and MS can be selected together

²MS includes PC function, internal for 120-277V, external for 347-480V, requires FSIR-100 remote control to program (at least one per job location)

ACCESSORY

ORDER CODE	MODEL NUMBER	DESCRIPTION	IMAGE
104799	RMRC-100	REMOTE CONTROL FOR SHARKWARD PRODUCTS, RANGE 50FT INDOORS, NO BACKLIGHT	

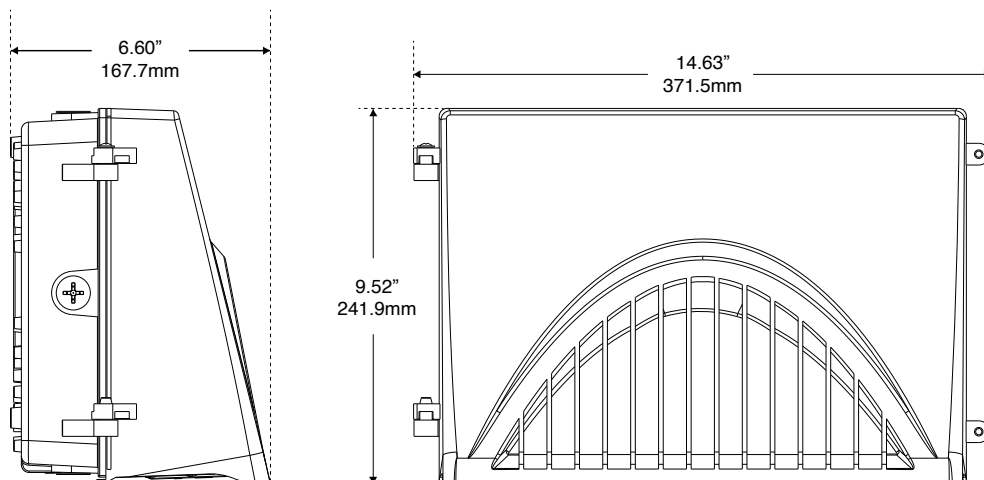
ORDER CODES

ORDER CODE	MODEL NUMBER	DLC ID NUMBER	DLC CATEGORY	WATTAGE	CCT
104033	WPCL40UT4-CSB	PW02WM7F	Outdoor Full-Cutoff Wall-Mounted Area Luminaires	40W	3000K, 4000K, 5000K (Default setting 4000K)
104034	WPCL70UT4-CSB	PIIVIZ5D		70W	
104035	WPCL100UT4-CSB	P81AQC8H		100W	

SPECIFICATIONS

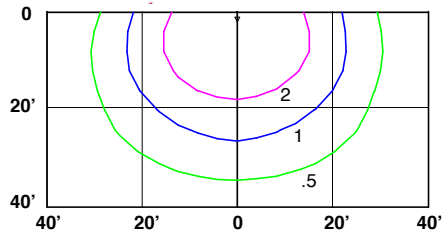
ITEM	SPECIFICATION	DETAILS		
		40W	70W	100W
GENERAL PERFORMANCE	Power Consumption (W)	40W	70W	100W
	Lumens Delivered (lm)	5,225 lm	8,872 lm	12,746 lm
	Efficacy (lm/W)	≤124 lm/W	≤123 lm/W	≤124 lm/W
	CRI	>80		
	Color Temperature (K)	3000K, 4000K, 5000K (Default setting 4000K)		
	Distribution	Type IV		
	Lumen Maintenance L70	≥130,000 hours		
ELECTRICAL	Input Voltage	120-277V standard; 347-480V available		
	Dimming	0-10V, dimming up to 10%		
PHYSICAL	Housing	Die-Cast Polyester Aluminum		
	Mounting	Fits electrical box or mount directly		
	Lens	Polycarbonate		
	Operating Temperature	-40°F-104°F (-40°C-40°C)		
	Humidity	10-90% RH, non-condensing		
CERTIFICATION	Certification	DLC Premium, cETLus, IP65, FCC		
	Material Usage	RoHS compliant; no mercury		
	Environment	Outdoor wet location		
	Warranty	10-year standard warranty		

DIMENSIONS

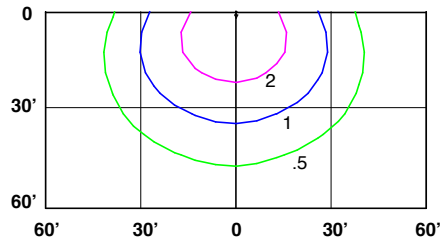


PHOTOMETRIC LAYOUTS*

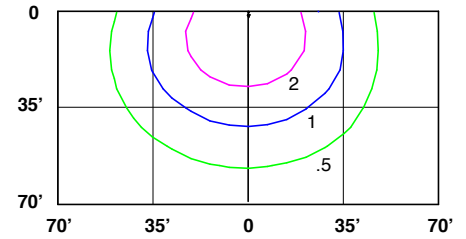
*Units in FC



40W
20' Mounting Height



70W
30' Mounting Height



100W
35' Mounting Height



KT-LED54HID-EX39-840-D /G2

HID REPLACEMENT LED LAMP

DESCRIPTION

54W HID Replacement LED Lamp | 4000K | >80 CRI | IP64 Rated



LAMP TYPE: HID Replacement LED
BASE TYPE: EX39 (Mogul)
WATTAGE: 54W
COLOR TEMPERATURE: 4000K
METAL HALIDE EQUIVALENT: 200-250W
COLOR RENDERING INDEX (CRI): >80
WARRANTY: 5 Years



PRODUCT FEATURES

- Replacement for Conventional Metal Halide Lamp
- Non-Dimmable; Do Not Dim
- 50,000+ Hour Lifetime
- Environmentally Friendly: No Mercury Used
- Instant Startup
- UL Listed
- DLC Listed
- Operating Temperature: -29°C/-20°F to 60°C/140°F
- Integral Driver, Eliminates the Need for External Driver or Ballast; Includes 4kV Surge Protection
- IP64 Rated; Integrated Heat Sink Quickly Dissipates Heat and Guides Water Intrusion Out of the Lamp
- Suitable for Use in Fully Enclosed Fixture

OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120-277Vac	54W	>0.9	0.45A @ 120V 0.20A @ 277V

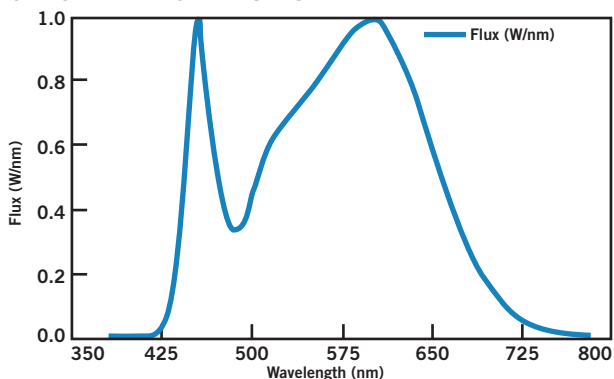
PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	4000K
Luminous Flux	7884 lm
Color Rendering Index (CRI)	>80
Efficacy	146 lm/W
Visible Light Area	360°

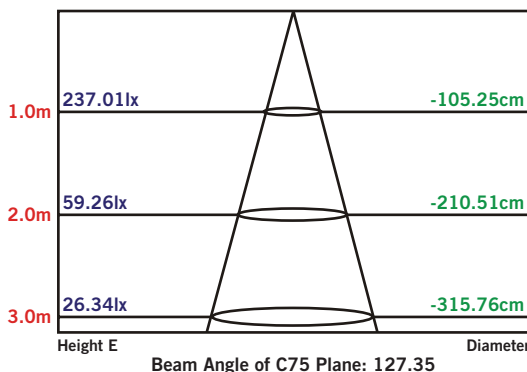
RATED LIFE

L70 (Hours)	50,000
-------------	--------

SPECTRAL DISTRIBUTION



LUX DISTANCE CURVE





KT-LED54HID-EX39-840-D /G2

HID REPLACEMENT LED LAMP

WIRING DIAGRAM

STEP 1

Disconnect power. Disconnect and remove existing ballast, capacitor, and/or ignitor (where applicable) from fixture.

STEP 2

Rewire for line voltage to the lamp socket.

STEP 3

Install new LED replacement lamp. Ensure lamp is operating properly when power is turned on.

FIGURE 1

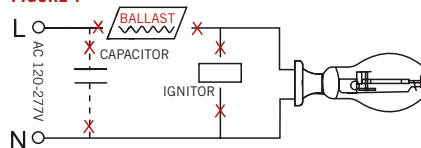


FIGURE 2

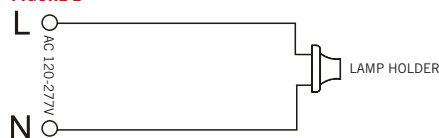
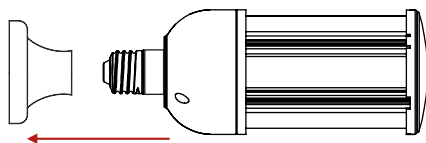
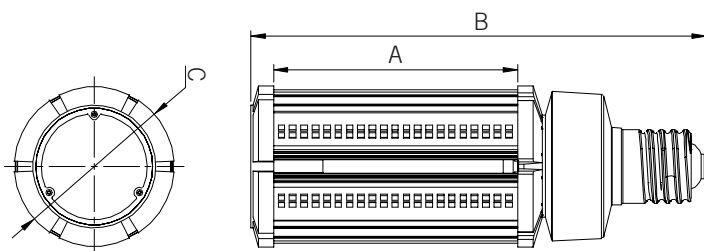


FIGURE 3



PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

A (Illuminated Length)	5.07"
B (Body Length)	9.80"
C (Diameter)	3.34"

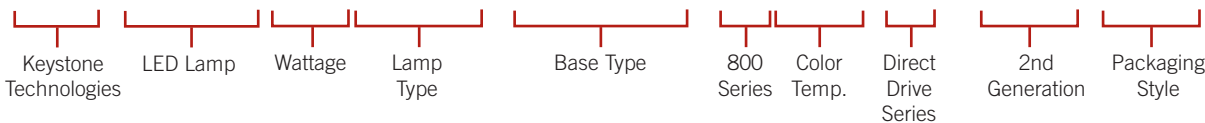
BASE TYPE: EX39 (Mogul)

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED54HID-EX39-840-D /G2-DP	Distributor Pack (Individual Cartons)	12	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED54HID-EX39-840-D /G2-DP



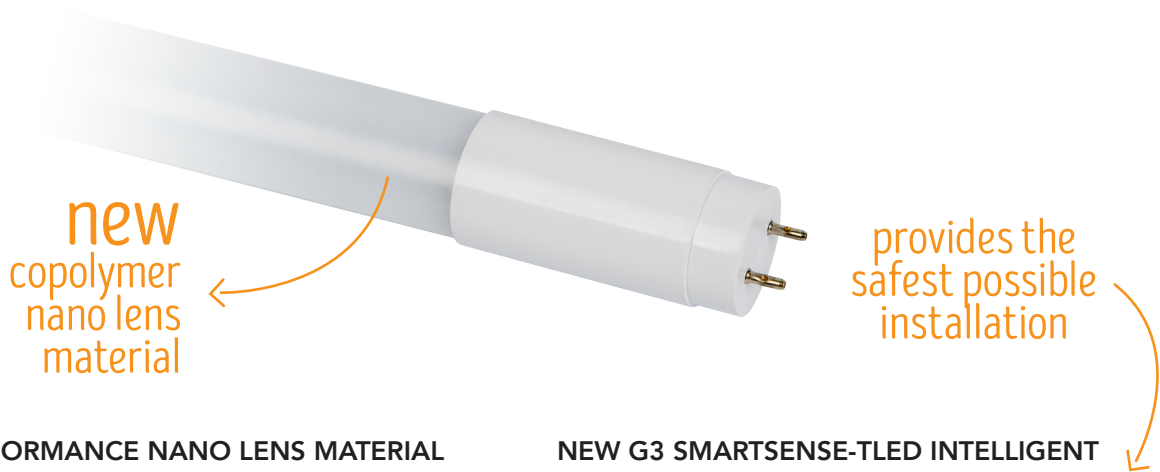
TOTALTUBE T8 G3

UL TYPE A+B BALLAST COMPATIBLE & LINE VOLTAGE



a TOTALLY perfect tube

THE TOTALTUBE T8 G3 IS OUR LATEST GENERATION OF LED TUBE WHICH BUILDS ON OUR PREVIOUS G1 AND G2 MODELS. THE PERFECT "TOTAL" LED TUBE SOLUTION: LOW COST, HIGH EFFICACY, BEAUTIFUL ILLUMINATION AND VERSATILE WITH 2 DIFFERENT METHODS OF INSTALLATION.

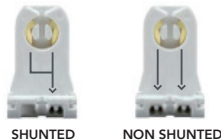


NEW HIGH PERFORMANCE NANO LENS MATERIAL

Manufactured from a plastic and glass copolymer. Higher transmission rate, more uniform illumination and increased rigidity compared with plastic lenses without the breakage issues of an all glass tube.

2 METHODS OF INSTALLATION

- UL Type A: plug & play compatible with almost all fluorescent ballasts (see ballast compatibility guide for more details).
- UL Type B Double-End 120-277V: ballast bypass installation using non-shunted or shunted sockets with power applied to both ends of the tube.



NEW 135LPW EFFICACY

Improved driver design, higher efficiency LED chips and high performance NANO lens.

NEW WIDE 240° BEAM ANGLE

Perfect for either direct or direct/indirect applications

NEW G3 SMARTSENSE-TLED INTELLIGENT SAFETY SYSTEM

Faster installation with our new switch-less technology. This safety system prevents any risk of electricity flowing from one end of the tube and also prevents against "socket to lamp pin" electrical arcing.

AVAILABLE IN 2FT, 3FT, 4FT & UBEND SIZES

Available in multiple CCTs. Available in standard and HO outputs for the 4ft model only. UBend available in 2 widths.

SUITABLE FOR DRY & DAMP LOCATIONS

UL CLASSIFIED RETROFIT KIT LISTED AND DLC QPL LISTED
(See ordering guide for DLC QPL part numbers)

5 YEAR STANDARD WARRANTY, L70 >100,000HRS

OPTIONAL "BAA" BUY AMERICA ACT

Compliant models available, assembled in our state-of-the-art Middleton, MA assembly center. (BAA SECTION 1605 COMPLIANT)

08.22.17 Information is subject to change without notice.

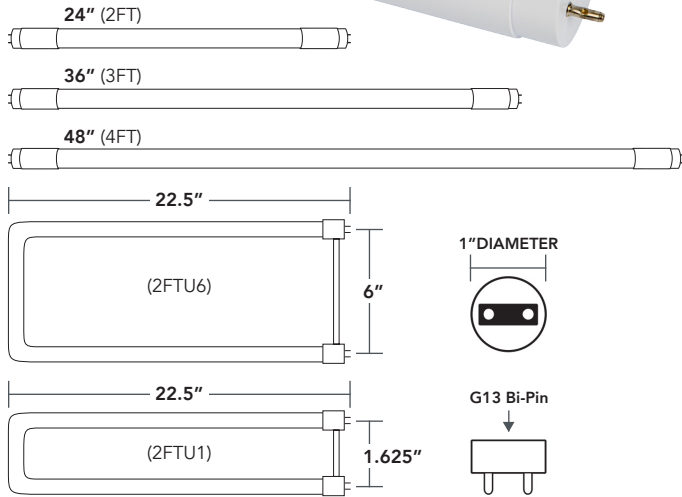
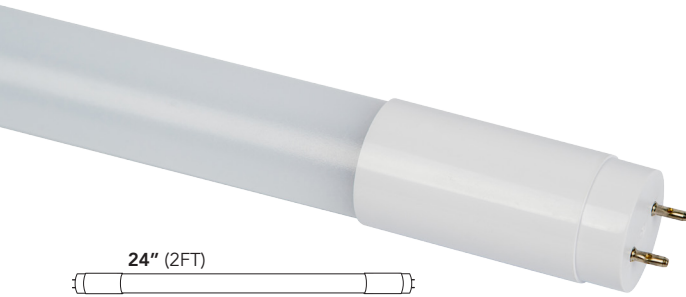
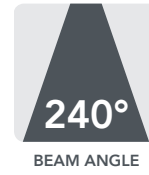
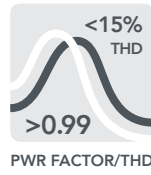
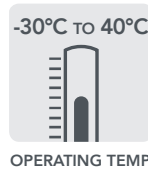
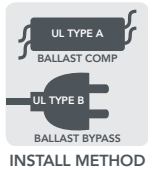
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90 Holten Street • Danvers, MA 01929 • USA • sales@remphos.com

RemPhos
lighting on target

TOTALTUBE T8 G3

UL TYPE A+B BALLAST COMPATIBLE & LINE VOLTAGE

- PRO
- BASE
- SUPPLY
- CUSTOM



2 METHODS OF INSTALLATION (UL TYPE A+B)

NEW WIDE 240° BEAM ANGLE

NEW G3 SMARTSENSE-TLED INTELLIGENT SAFETY SYSTEM

AVAILABLE IN 2FT, 3FT AND 4FT LENGTHS & UBEND SIZES

SUITABLE FOR DRY & DAMP LOCATIONS

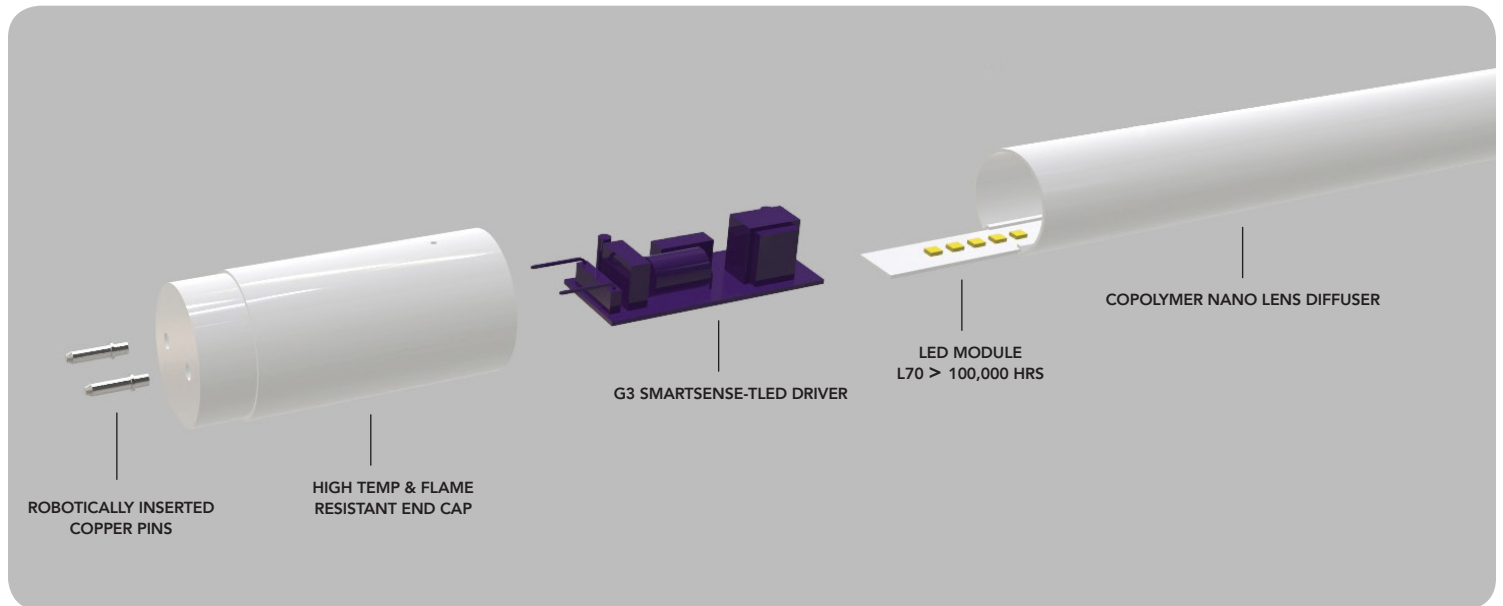
UL CLASSIFIED RETROFIT KIT LISTED AND DLC QPL LISTED

5 YEAR STANDARD WARRANTY, L70 >100,000HRS

OPTIONAL "BAA" BUY AMERICA ACT

NEW HIGH PERFORMANCE NANO LENS MATERIAL

NEW 135LPW EFFICACY DUE TO IMPROVED DRIVER DESIGN, HIGHER EFFICIENCY LED CHIPS AND HIGH PERFORMANCE NANO LENS.



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TOTALTUBE T8 G3 UL TYPE A+B BALLAST COMPATIBLE & LINE VOLTAGE



PART NUMBER BUILDER

MFR	FAMILY	PRODUCT	GEN	SIZE	COLOR	VERSION	BAA
RPT	B	TOTALTUBE-T8	G3			A	
				2FT	830=3000K/85CRI		BLANK=NON-BAA
				3FT	835=3500K/85CRI		BAA=BAA SECTION
				4FT	840=4000K/85CRI		1605 COMPLIANT
				4FTHO	850=5000K/85CRI		
				2FTU1			
				2FTU6			

ORDERING EXAMPLE

RPT-B-TOTALTUBE-T8-G3-2FT-830-A

ORDERING GUIDE

CASE QTY	ENERGY STAR	DLC	PART #	UL TYPE B (LINE VOLTAGE)		VOLTAGE RANGE (VAC)	WARRANTY (YRS)	TRADITIONAL EQUIVALENT
				LUMEN OUTPUT (LM)	WATTAGE (W)			
42		●	RPT-B-TOTALTUBE-T8-G3-2FT-8XX-A	1350	10	120-277	5	17W FL
42			RPT-B-TOTALTUBE-T8-G3-3FT-8XX-A	1350	10	120-277	5	25W FL
42		●	RPT-B-TOTALTUBE-T8-G3-4FT-8XX-A	1860	12	120-277	5	32W FL
42		●	RPT-B-TOTALTUBE-T8-G3-4FTHO-8XX-A	1980	15	120-277	5	32W FL
10		●	RPT-B-TOTALTUBE-T8-G3-2FTU1-8XX-A	1950	15	120-277	5	32W FL
10		●	RPT-B-TOTALTUBE-T8-G3-2FTU6-8XX-A	1950	15	120-277	5	32W FL

● DLC STANDARD ▲ DLC PREMIUM

SYSTEM POWER AND LUMINOUS FLUX INFORMATION (WITH A BALLAST)

PART #	AVERAGE SYSTEM POWER (W)			AVERAGE LAMP FLUX (LM)		
	LOW BF (0.77)	NORMAL BF (0.88)	HIGH BF (1.18)	LOW BF (0.77)	NORMAL BF (0.88)	HIGH BF (1.18)
RPT-B-TOTALTUBE-T8-G3-2FT-8XX-A	9.2	10.5	12.5	1150	1350	1500
RPT-B-TOTALTUBE-T8-G3-3FT-8XX-A	9.2	10.5	12.5	1150	1350	1500
RPT-B-TOTALTUBE-T8-G3-4FT-8XX-A	12.5	15.5	16.5	1500	1860	1980
RPT-B-TOTALTUBE-T8-G3-4FTHO-8XX-A	14.2	16.5	17.8	1704	1980	2136
RPT-B-TOTALTUBE-T8-G3-2FTU1-8XX-A	12.5	15.5	16.5	1350	1700	1850
RPT-B-TOTALTUBE-T8-G3-2FTU6-8XX-A	12.5	15.5	16.5	1350	1700	1850

NOTE The average system power is calculated by measuring the average system wattage for a single LED tube including the ballast. Average system power was measured at 120V and 277V with multiple ballasts from Philips, Osram, GE, Keystone, Sunpark, Howard.

ACCESSORIES

PART #	DESCRIPTION	INPUT VOLTAGE (V AC)	FLUX OUTPUT (LM)	EST. EMG. RUN TIME (MIN)
RPT-ACCESSORY-EMGKIT-HS1-500LM	UL Classified Emergency Kit	120-277	500	145
RPT-ACCESSORY-EMGKIT-HS1-1000LM	UL Classified Emergency Kit	120-277	1000	145

DIMMING AND EMERGENCY OPERATION GUIDE

	UL TYPE A	UL TYPE B
DIMMABILITY	Not recommended (use RemPhos BCTUBE T8 G3)	NO
EMERGENCY OPERATION	YES (see ballast compatibility guide)	See accessories above for EMG Kit

08.22.17 Information is subject to change without notice.

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Model# RPT-B-TOTALTUBE-T8-G3-4FT-840-A

Manufacturer: Remphos Technologies LLC
 Brand: Remphos
 Technical Requirements Version: 4.3
 Date Qualified: 10/23/2017
 Product ID: PLH56D7P9FSA

Categorization

Main: Linear Replacement Lamp
 General Application: T8 Four-Foot
 Primary Use: Dual Mode Internal Driver (UL Type A and Type B)

Classification: standard
 Is Parent Product: No
 DLC Family Code: KKLADX
 Listing Status: Listed

View Notes

Reported Data Zonal Lumens Spacing Criteria Product Features Version History Family Data

Light Output: 1664 lm
 Wattage: 12.6 W
 Efficacy: 132.1 lm/W
 Power Factor: 0.9
 CCT: 4000 K
 CRI: 82
 Total Harmonic Distortion: 20 %

Model# RPT-B-TOTALTUBE-T8-G3-4FT-HO-850-A

8:10 PM 5/19/2018

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Model# RPT-B-TOTALTUBE-T8-G3-2FT-840-A

Manufacturer: Remphos Technologies LLC
 Brand: Remphos
 Technical Requirements Version: 4.3
 Date Qualified: 10/23/2017
 Product ID: PL7LT90CXEWD

Categorization

Main: Linear Replacement Lamp
 General Application: T8 Two-Foot
 Primary Use: Replacement Lamps (plug and play) (UL Type A)

Classification: standard
 Is Parent Product: No
 DLC Family Code: KKLADW
 Listing Status: Listed

View Notes

Reported Data Zonal Lumens Spacing Criteria Product Features Version History Family Data

Light Output: 1249 lm
 Wattage: 10.48 W
 Efficacy: 119.2 lm/W
 Power Factor: 0.9
 CCT: 4000 K
 CRI: 82
 Total Harmonic Distortion: 20 %

Model# RPT-B-TOTALTUBE-T8-G3-2FT-830-A

Manufacturer: Remphos Technologies LLC

8:11 PM 5/19/2018