HL Trove Light®

High Output Downlight Kits

Specification Sheet

Integrated driver for plug & play

OVERVIEW

Cost effective direct upgrade from 250W to 500 Watt Quartz/Halogen

Churches, Convention Centers, Airports, Hotels, Auditoriums, Retail/Malls, Classrooms, Can/Cylinders

FEATURES / DIMMING

Dimming	Flicker free, down to 5% CCR dimming range (for 1% dimming, refer to HiLumz Trove+) Bluetooth Mesh Wireless External Driver DMX or Lutron®
Input Voltage	120-277VAC: line dimming at 120VAC
Color Temperature	2200K-5000K; Dim-to-Warm
Output	700mA & 1200mA solutions at over 170 lumens per watt

Replaces up to 500 Watt Quartz, PAR 46, Par 56 Any Can Light!

OPTIONAL OPTICS

Give us a call for an application consultation

hilumzusa.com

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PERFORMANCE SPECIFICATIONS

Product	Wattage	Replaces	Lumens*	CRI	Input Voltage	Mechanical Dimensions	Ambient Temp
TL	30	100-250W	5000K= 4,800 4000K= 4,600 3000K= 4,400 2700K= 4,200 2200K= 3,900	80+ 90+ optional	100-277V 50/60 Hz	7.25” x 4.25” 1.6 lbs	-40°C +60°C (30W) +55°C (50W)
	50	250-500W	5000K= 8,000 4000K= 7,800 3000K= 7,500 2700K= 7,200 2200K= 6,700				

* Adding optics will result in a light loss factor of 5% to 10%.
* Lumen output based on ~80 CRI

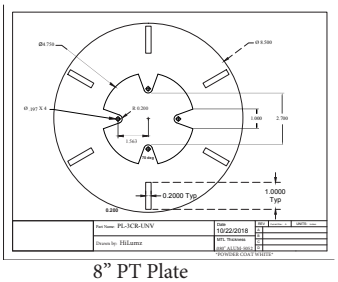
- L80 of light engine: >100,000 hours
- Driver Life: Rated at 50,000 hours

5 Year WARRANTY

2020 LUTRON OEM ADVANTAGE

ERP POWER

1. Forward-phase (TRIAC) and reverse-phase (ELV) dimming work only at 120VAC Input Voltage. ETC recommended cutoff setup at 5-7% off and 8-10% on.
2. Casambi Bluetooth Standard. Other Protocols available upon request. HiLumz can support full provisioning and specification of a dimming hub.
3. Integrated driver solution utilizes frictionless magnet air flow technology with virtually silent active cooling <21 dBa @1 meter distance (similar to a ticking watch).

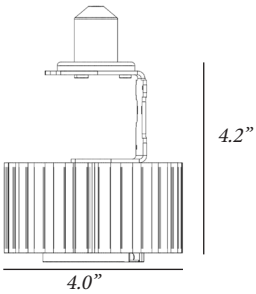


8” PT Plate

Cylinder solutions available

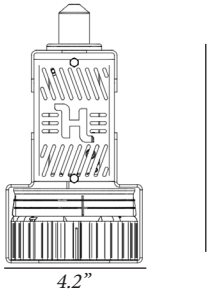
Kit Dimensions

Remote Driver



0.8 lbs (not including driver)

Integrated Driver



- e11 stem is 3.0” tall
- e26 is 1.38” tall
- optic reflectors sizes vary

1.8 lbs (includes driver)

HiLumz®
The Professional's LED Choice

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SKU BUILDER

trim plate

Remote Driver Ordering SKU

Driver is mounted external of the light fixture, typically replacing the ballast

Product	CCT/CRI	Driver	Mounting	Optics
TL30 TL50	5080 = 5000K, 80+ CRI 4080 = 4000K, 80+ CRI 3080 = 3000K, 80+ CRI 3580 = 3500K, 80+ CRI 2780 = 2700K, 80+ CRI 2280 = 2200K, 80+ CRI DW = Dim to warm (3500k to 2200k)	1D = 120-277V 0-10V 1T[1] = 120VAC Triac DX = DMX Direct DXR[2] = DMX Remote BT = Bluetooth	V1 = E11 Vertical Screw In[1] V2 = E26 Vertical Screw In V3 = E39 Vertical Screw In 4TM = 4" Can Trim Plate with Spring Locks 6TM = 6" Can Trim Plate with Spring Locks 8TM = 8" Can Trim Plate with Spring Locks PT = Universal Plate CSTM = Custom	N = No Optic (-115°) 25 = 25° reflector 49 = 49° reflector Special order: 16 = 16° reflector 65 = 65° reflector 91 = 91° reflector RZ# = Diffusor Lens* * must be used with reflector # reflector (for example, RZ49)

1. Triac at 120VAC only
2. Centralized remote DMX driver box system with low voltage to the fixture location

1. Includes safety cable

Integrated Driver Ordering SKU

Driver is mounted internal to the kit, plug & play

Product	CCT/CRI	Driver	Mounting	Optics
TL30 TL50	5080 = 5000K, 80+ CRI 4080 = 4000K, 80+ CRI 3080 = 3000K, 80+ CRI 3580 = 3500K, 80+ CRI 2780 = 2700K, 80+ CRI 2280 = 2200K, 80+ CRI DW = Dim to warm (3500k to 2200k)	1TI = Triac* BTI =Bluetooth	V1 = E11 Vertical Screw In V2 = E26 Vertical Screw In V3 = E39 Vertical Screw In PL = Plate Mount PRP = Par Plate	N = No Optic (-115°) 25 = 25° reflector 49 = 49° reflector Special order: 16 = 16° reflector 65 = 65° reflector 91 = 91° reflector RZ# = Diffusor Lens* * must be used with reflector # reflector (for example, RZ49)

1. Triac at 120VAC only

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