



OVERVIEW

Enhanced theatrical 0.1% (1mA) phase-dimming solution for performance venues utilizing existing 120VAC forward-phase rack dimming systems.

FULLY INTEGRATED SCREW-IN SYSTEM FOR EASY TO INSTALL 250W TO 500 WATT QUARTZ/HALOGEN REPLACEMENTS

Dimming	Flicker free, constant current reduction
Input Voltage	120-277VAC: line dimming at 120VAC
Color Temperature	2200K-5000K; Dim-to-Warm
Output	500mA & 1000mA solutions at over 170 lumens per watt



**ADVANCED DIMMING
ENGINEERED FOR A WIDE
VARIETY OF LEGACY
DIMMING SYSTEMS**

Theatrical Lighting Solutions

OPTIONAL OPTICS



**GIVE US A CALL FOR AN
APPLICATION CONSULTATION**



PERFORMANCE SPECIFICATIONS

PRODUCT	WATTAGE	REPLACES	LUMENS*	CRI	INPUT VOLTAGE	MECHANICAL DIMENSIONS	AMBIENT TEMP
TLP	20	100-250W	5000K= 3,700 4000K= 3,500 3000K= 3,100 2700K= 2,900 2200K= 2,700	80+ 90+ optional	100-277V 50/60 Hz	7.25" x 4.25" 1.6 lbs	-40°C +60°C (20W) +55°C (40W)
	40	250-500W	5000K= 7,600 4000K= 7,300 3000K= 6,900 2700K= 6,700 2200K= 6,500				

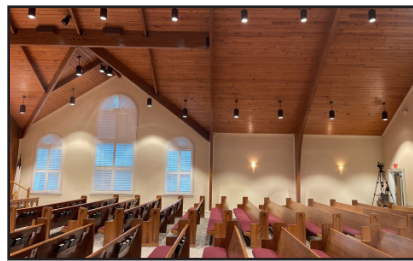
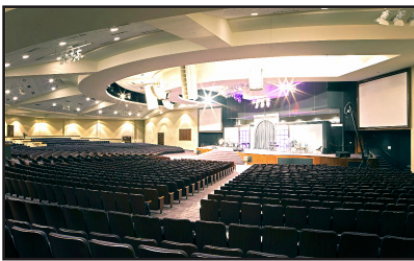
* Adding optics will result in a light loss factor of 5% to 10%.

* Lumen output based on ~80 CRI

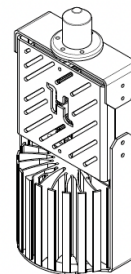
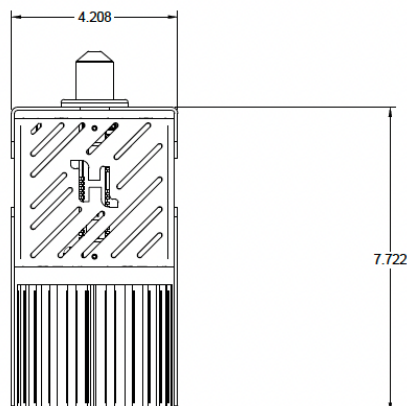
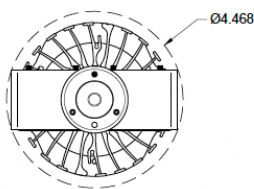
- L80 of light engine: >100,000 hours
- Driver Life: Rated at 50,000 hours



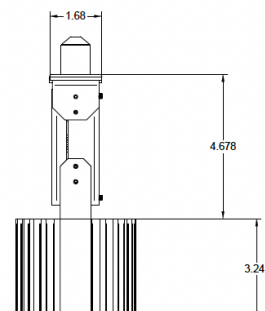
CYLINDER SOLUTIONS AVAILABLE



KIT DIMENSIONS



- WEIGHT 2.8 LBS
- E11 STEM IS 3.0" TALL
- E26 IS 1.38" TALL
- OPTIC REFLECTORS SIZES VARY



SKU BUILDER

REMOTE DRIVER ORDERING SKU

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



Product	CCT/CRI	Driver	Mounting	Optics
TLP20 TLP40	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)	1TP = 120VAC Triac external driver (mounted outside the fixture)	V1 = E11 Vertical Screw In ¹ V2 = E26 Vertical Screw In V3 = E39 Vertical Screw In	N = No Optic (-115°) 25 = 25° reflector 49 = 49° reflector Special order: 16 = 16° reflector 65 = 65° reflector 91 = 91° reflector

INTEGRATED DRIVER ORDERING SKU

Driver is mounted internal to the kit, plug & play



Product	CCT/CRI	Driver	Mounting	Optics
TLP20 TLP40	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)	1TPI = 120VAC Triac, internal driver in kit	V1 = E11 Vertical Screw In V2 = E26 Vertical Screw In V3 = E39 Vertical Screw In	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)

HiLumz USA

6835 Shiloh Rd East
Suite C-8
Alpharetta, GA 30005
sales@hilumzusa.com
678-867-9200
hilumzusa.com