



LED-8280-50K 280W High Mast / Shoe Box / High Bay / Canopy Retrofit Kit

Models

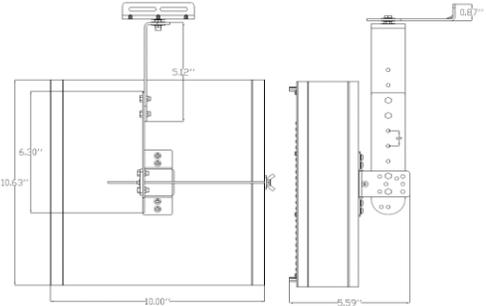
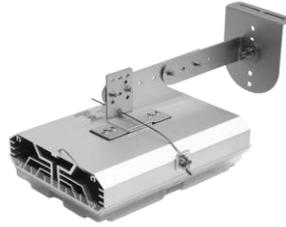
- LED-8280-50K, 120-277VAC, cETLus, 5000K CCT
- LED-8280-50K-HV, 347-480 VAC, cETLus, 5000K CCT

Description

Light Efficient Design's High Bay retrofits replace HID lamps up to 1000W. Advanced Active Cooling technology improves thermal performance and delivers the highest light output along with longer LED and driver life versus lamps limited to passive cooling. Innovative aluminum heat sink with integrated cooling fans.

Features

- *280W LED Replaces 1000W MH or HPS HID Lamps
- *Up to 39,200 lumen output and 112 LPW efficacy
- * 5000K CCT
- *Secure Bolt on retrofit design, universal yoke mounting can be configured as a Shoe Box, High Bay, High Mast, or Canopy retrofit.
- *ETL approved for damp environments and enclosed fixtures
- *Advanced active cooling: Active cooling keeps driver and LED array cool for full 50,000 hr rated LED life
- *50,000 hour rated LED life (supported by LM80 and ISTMT reports (see website)
- *5 Year Limited Warranty - see website for details



Intertek

TECHNICAL SPECIFICATIONS - ALL MODELS cETLus

MODEL	VOLTAGE	WATTAGE	LUMENS*	LPW*	REPLACES	BASE	CCT	CRI*	THD*	PF*	R9*	Duv*	LIGHT DISTRIBUTION	DIMMABLE
LED-8280-50K	90-305VAC	280W	38765	143	1000W HID	N/A	5000K	74.2	<20%	0.996	N/A	0.0043	120°	No
LED-8280-50K-HV	347-480VAC	280W	39200	140	UP TO 1000W HID	N/A	5000K	>70	<20%	>.90	N/A	N/A	Directional / 120°	No

PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8280-50K	16.9 X 10.5 X 6.1 in./ 429 X 267 X 155 mm	13 Lbs	17.3 X 16.5 X 6.02 in./ 439 X 419 X 153 mm.	14.8 lbs./6.75 kg.	17.5 X 18 X 18 in./ 444 X 457 X 457 mm.	45 lbs./20.4 kg.	3

UPC / UCC

DESIGN LIGHTS CONSORTIUM QPL CERTIFICATION SUMMARY

MODEL	PRODUCT UPC	CARTON UCC	QPL CATEGORY 1	PRODUCT CODE	FAMILY CODE	QPL CATEGORY 2	PRODUCT CODE	FAMILY CODE
LED-8280-50K	844006083755	10844006083752	Retrofit Kits for Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	PD2WXY0A	CCCFHP	N/A	N/A	N/A
LED-8280-50K-HV	8440060 8376 2	10 8440060 8376 9	Retrofit Kits for Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	PZJUYWPF0	CCCFHP	N/A	N/A	N/A

ENERGY SAVING vs. HID

ZONAL LUMENS/ LUX DISTANCE DATA (see LM79 for more information)

Mounting Orientation

LED Lamp Power (watts)	280	<p>This model includes a Meanwell external driver. Approximate dimensions of the driver are 9.92" x 3.54" x 1.73".</p>	BASE DOWN	BASE UP	HORIZONTAL	
HID Lamp Power (watts)	1000					
HID Ballast Power (watts)	150		APPROVED	APPROVED	APPROVED	
Total power Savings (watts)	870		Recommended Minimum Fixture Size	THERMAL SPECIFICATIONS		
Annual Energy Savings	\$489		Height	N/A	IN-SITU TEMP MEASUREMENT/L70	
Lifetime Energy Savings over 50,000 hrs)	\$4,785		Width	N/A	OPERATING TEMPERATURE	-40°F to +113°F / -40°C to +45°C
		Volume (Cu. In.)	N/A	L70 LED LUMEN MAINTAINENCE*	TBD	
				* FROM ISTMT REPORT AT 77°F		

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