

LED-8083E 30W External Driver Post Top Retrofit



Models

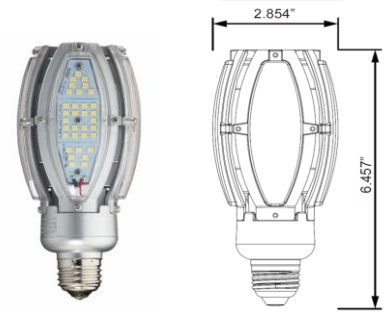
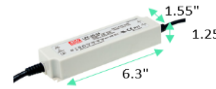
LED-8083EXX, 120-277VAC, cULus, 3000K, 4000K & 5700K CCT, E26

Description

Light Efficient Design's External Driver Post Top/Bollard retrofits replace HID lamps up to 250W HID. Products come with an external driver and are passively cooled. All models are tested by UL under 1598C that insures that retrofitted fixture retains safety certification as well as approved by UL for enclosed fixtures.

Features

- > 30W LED Replaces 100W MH or HPS HID Lamps
- > Meanwell Driver LPF-40D-48 included
- > IP64 Lamp and IP67 Remote/External Driver
- > 0-10V, PWM, or Resistive dimming when used with lighting controls
- > UL approved for wet environments
- > 50,000 hour rated LED life (supported by LM80 and ISTMT reports (see website))
- > 5 Year Limited Warranty - see website for details
- > Rated for enclosed fixture



TECHNICAL SPECIFICATIONS - USA 120-277V - ALL MODELS cULus

MODEL	VOLTAGE	WATTAGE	LUMENS*	LPW*	REPLACES	BASE	CCT	CRI*	THD*	PF*	R9*	Duv*	LIGHT DISTRIBUTION	DIMMABLE
LED-8083E30	120-277V	30W	3661	117	100W HID/ 300W Halogen	E26 Edison	3000K	81.9	0.0764	98	6	-0.0001	Omni-directional / 360°	Yes
LED-8083E40			3919	127			4000K	83.8	0.0759	98	12	0.0005		
LED-8083E57			3955	128			5700K	84.4	0.0749	98	9	0.0027		

PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8083E	6.5 X 3.1 in.	1.4 lbs.	6 X 4.4 X 9.8 in.	2.0 lbs.	18.7 X 13.8 X 10.4 in.	3.3 Lbs	9

UPC / UCC

DESIGN LIGHTS CONSORTIUM QPL CERTIFICATION SUMMARY (E39 MODELS ONLY)

MODEL	PRODUCT UPC	CARTON UCC	QPL CATEGORY 1	PRODUCT CODE	FAMILY CODE	QPL CATEGORY 2	PRODUCT CODE	FAMILY CODE
LED-8083E30	8440060 8225 3	10 8440060 8225 0	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type C)	PHD3MC4B	BBBCRX	N/A	N/A	N/A
LED-8083E40	8440060 8226 0	10 8440060 8226 7	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type C)	PZB66AM4	BBBCRX	N/A	N/A	N/A
LED-8083E57	8440060 8227 7	10 8440060 8227 4	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type C)	PRCKVFX7	BBBCRX	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)	30	<table border="1"> <thead> <tr> <th colspan="3">Zonal Lumen Summary</th> <th colspan="3">Lumens Per Zone</th> </tr> <tr> <th>Zone</th> <th>Lumens</th> <th>% Luminaire</th> <th>Zone</th> <th>Lumens</th> <th>% Total</th> </tr> </thead> <tbody> <tr> <td>0-30</td> <td>99.8</td> <td>2.5%</td> <td>0-10</td> <td>3.7</td> <td>0.1%</td> </tr> <tr> <td>0-40</td> <td>238.3</td> <td>6%</td> <td>90-100</td> <td>451.4</td> <td>11.4%</td> </tr> <tr> <td>0-60</td> <td>757.4</td> <td>19.1%</td> <td>10-20</td> <td>24.9</td> <td>0.6%</td> </tr> <tr> <td>60-90</td> <td>1,251.5</td> <td>31.6%</td> <td>100-110</td> <td>420.7</td> <td>10.6%</td> </tr> <tr> <td>70-100</td> <td>1,330.6</td> <td>33.6%</td> <td>20-30</td> <td>71.3</td> <td>1.8%</td> </tr> <tr> <td>90-120</td> <td>1,237.8</td> <td>31.3%</td> <td>110-120</td> <td>365.7</td> <td>9.2%</td> </tr> <tr> <td>0-90</td> <td>2,008.9</td> <td>50.8%</td> <td>30-40</td> <td>138.5</td> <td>3.5%</td> </tr> <tr> <td>90-180</td> <td>1,947.6</td> <td>49.2%</td> <td>40-50</td> <td>218.5</td> <td>5.5%</td> </tr> <tr> <td>0-180</td> <td>3,956.4</td> <td>100%</td> <td>130-140</td> <td>207.9</td> <td>5.3%</td> </tr> <tr> <td></td> <td></td> <td></td> <td>50-60</td> <td>300.6</td> <td>7.6%</td> </tr> <tr> <td></td> <td></td> <td></td> <td>140-150</td> <td>127.9</td> <td>3.2%</td> </tr> <tr> <td></td> <td></td> <td></td> <td>60-70</td> <td>372.3</td> <td>9.4%</td> </tr> <tr> <td></td> <td></td> <td></td> <td>150-160</td> <td>60.8</td> <td>1.5%</td> </tr> <tr> <td></td> <td></td> <td></td> <td>70-80</td> <td>425.2</td> <td>10.7%</td> </tr> <tr> <td></td> <td></td> <td></td> <td>160-170</td> <td>19.3</td> <td>0.5%</td> </tr> <tr> <td></td> <td></td> <td></td> <td>80-90</td> <td>453.9</td> <td>11.5%</td> </tr> <tr> <td></td> <td></td> <td></td> <td>170-180</td> <td>2.0</td> <td>0.1%</td> </tr> </tbody> </table>						Zonal Lumen Summary			Lumens Per Zone			Zone	Lumens	% Luminaire	Zone	Lumens	% Total	0-30	99.8	2.5%	0-10	3.7	0.1%	0-40	238.3	6%	90-100	451.4	11.4%	0-60	757.4	19.1%	10-20	24.9	0.6%	60-90	1,251.5	31.6%	100-110	420.7	10.6%	70-100	1,330.6	33.6%	20-30	71.3	1.8%	90-120	1,237.8	31.3%	110-120	365.7	9.2%	0-90	2,008.9	50.8%	30-40	138.5	3.5%	90-180	1,947.6	49.2%	40-50	218.5	5.5%	0-180	3,956.4	100%	130-140	207.9	5.3%				50-60	300.6	7.6%				140-150	127.9	3.2%				60-70	372.3	9.4%				150-160	60.8	1.5%				70-80	425.2	10.7%				160-170	19.3	0.5%				80-90	453.9	11.5%				170-180	2.0	0.1%	<table border="1"> <thead> <tr> <th>BASE DOWN</th> <th>BASE UP</th> <th>HORIZONTAL</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>APPROVED</td> <td>APPROVED</td> <td>APPROVED</td> </tr> </tbody> </table>			BASE DOWN	BASE UP	HORIZONTAL				APPROVED	APPROVED	APPROVED
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