

LED-8046M 65W Post Top Retrofit



Models

LED-8046MXX-A, 120-277VAC, cULus, 3000K, 4000K & 5700K CCT
 LED-8046MXXC-A, 347VAC, cUL, 3000K, 4000K or 5700K CCT

Description

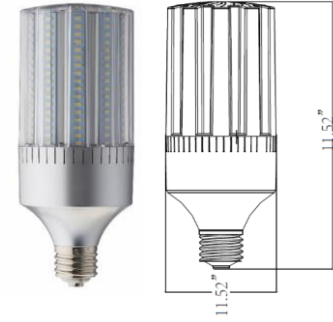
Light Efficient Design's Post Top/Bollard retrofits replace HID lamps up to W HID. Advanced Active Cooling technology improves thermal performance and delivers the highest light output along with longer LED and driver life versus lamps limited to passive cooling. All models are tested by UL under 1598C that insures that retrofitted fixture retains safety certification as well as approved by UL for enclosed fixtures.

Features

- 65W LED Replaces 320W MH or HPS HID Lamps
- Up to 9,619 lumen output and 147 LPW efficacy
- Available in E39 Mogul screw base
- UL approved for damp environments and enclosed fixtures
- Advanced active cooling: Active cooling and dynamic temperature control
- Integrated 6kA surge
- 50,000 hour rated LED life (supported by LM80 and ISTMT reports (see website))
- 5 Year Limited Warranty - see website for details
- Insect/dust resistant housing



Mogul Base Models Only
(See details below)



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-8046M30-A	120-277V	65W	8450	127	Up to 320W HID	E39 Mogul	3000K	84.7	13.04	0.9862	20	-0.0043	Omni-directional / 360°	No
LED-8046M40-A			9587	143			4000K	84.1	14.84	0.9823	12	-0.0026		
LED-8046M57-A			9499	141			5700K	85.1	16.56	0.9872	16	-0.0011		

TECHNICAL SPECIFICATIONS - CANADA 347V - ALL MODELS CuI

MODEL	VOLTAGE	WATTAGE	LUMENS*	LPW*	REPLACES	BASE	CCT	CRI*	THD*	PF*	R9*	Duv*	LIGHT DISTRIBUTION	DIMMABLE
LED-8046M30C-A	347V	65W	8471	130	Up to 320W HID	E39 Mogul	3000K	84.1	16.54	0.9607	17	-0.0036	Omni-directional / 360°	No
LED-8046M40C-A			9619	147			4000K	85.1	19.3	0.9624	16	-0.0007		
LED-8046M57C-A			9440	145			5700K	85.6	19.54	0.9625	18	0.0007		

PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8046M	11.1 X 4.1 in.	1.8 Lbs	5.6 X 5.6 X 13.2 in.	2.23 lbs.	17.7 X 11.8 X 13.8 in.	14.8 Lbs	6

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-8024M30-A	8440060 8054 9	10 8440060 8054 6	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	P28JSPC3	PPPRIQ	0	0	0
LED-8024M40-A	8440060 8016 7	10 8440060 8016 4	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	P28JSPC3	PPPRIQ	0	0	0
LED-8024M57-A	8440060 8053 2	10 8440060 8053 9	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	P28JSPC3	PPPRIQ	0	0	0
LED-8024M30C-A	8440060 8080 8	10 8440060 8080 5	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	PTUHGDC	PPPRIO	0	0	0
LED-8024M40C-A	8440060 8081 5	10 8440060 8081 2	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	PTUHGDC	PPPRIO	0	0	0
LED-8024M57C-A	8440060 8082 2	10 8440060 8082 9	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)	PTUHGDC	PPPRIO	0	0	0

ENERGY SAVING vs. HID

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

Mounting Orientation

LED Lamp Power (watts)	65	<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>444.0</td> <td>4.7%</td> <td>0-10</td> <td>34.9</td> <td>0.4%</td> </tr> <tr> <td>0-40</td> <td>909.7</td> <td>9.6%</td> <td>10-20</td> <td>129.9</td> <td>1.4%</td> </tr> <tr> <td>0-60</td> <td>2,394.3</td> <td>25.2%</td> <td>20-30</td> <td>279.2</td> <td>2.9%</td> </tr> <tr> <td>60-90</td> <td>2,966.2</td> <td>31.2%</td> <td>30-40</td> <td>465.7</td> <td>4.9%</td> </tr> <tr> <td>70-100</td> <td>3,020.0</td> <td>31.8%</td> <td>40-50</td> <td>658.3</td> <td>6.9%</td> </tr> <tr> <td>90-120</td> <td>2,694.0</td> <td>28.4%</td> <td>50-60</td> <td>826.2</td> <td>8.7%</td> </tr> <tr> <td>0-90</td> <td>5,360.5</td> <td>56.4%</td> <td>60-70</td> <td>941.6</td> <td>9.9%</td> </tr> <tr> <td>90-180</td> <td>4,138.9</td> <td>43.6%</td> <td>70-80</td> <td>1,004.0</td> <td>10.6%</td> </tr> <tr> <td>0-180</td> <td>9,499.4</td> <td>100%</td> <td>80-90</td> <td>1,020.6</td> <td>10.7%</td> </tr> <tr> <td></td> <td></td> <td></td> <td>170-180</td> <td></td> <td>1.3</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0%</td> </tr> </tbody> </table>						Zonal Lumen Summary			Lumens Per Zone			Zone	Lumens	% Luminaire	Zone	Lumens	% Total	0-30	444.0	4.7%	0-10	34.9	0.4%	0-40	909.7	9.6%	10-20	129.9	1.4%	0-60	2,394.3	25.2%	20-30	279.2	2.9%	60-90	2,966.2	31.2%	30-40	465.7	4.9%	70-100	3,020.0	31.8%	40-50	658.3	6.9%	90-120	2,694.0	28.4%	50-60	826.2	8.7%	0-90	5,360.5	56.4%	60-70	941.6	9.9%	90-180	4,138.9	43.6%	70-80	1,004.0	10.6%	0-180	9,499.4	100%	80-90	1,020.6	10.7%				170-180		1.3						0%	<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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