

LED-8035E 60W Low Bay Retrofit



Models

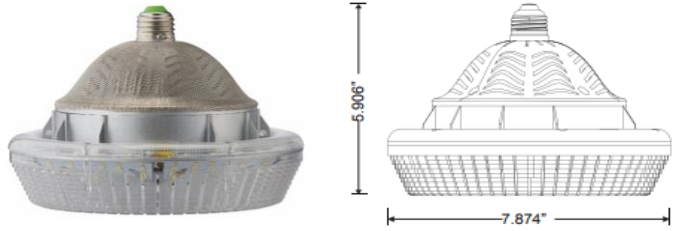
LED-8035EXX-A, 120-277VAC, cULus, 4000K & 5700K CCT
 LED-8035EXXC-A, 347VAC, cUL, 4000K or 5700K CCT

Description

Light Efficient Design's High Bay retrofits replace HID lamps up to 175W 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

- 60W LED Replaces 175W MH or HPS HID Lamps
- Up to 7,062 lumen output and 109 LPW efficacy
- Available in E26 Edison 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



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-8035E40-A	120-277V	60W	6684	106	175W HID	E26 Edison	4000K	84.4	0.1096	90	19	0.000342	Directional / 180°	No
LED-8035E57-A			7062	109			5700K	85.7	0.1191	90	27	-0.00071		

TECHNICAL SPECIFICATIONS - CANADA 347V - ALL MODELS CuI

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LED-8035E40C-A	347V	60W	6684	106	175W HID	E26 Edison	4000K	84.4	0.1096	90	19	0.000342	Directional / 180°	No
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PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8035E	6.1 X 7.8 in.	2.64 Lbs	9.8 X 9.8 X 7.5 in.	3.52 lbs.	20.3 X 10.4 X 15.5 in.	15.84 Lbs	4

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-8035E40-A	8440060 8007 5	10 8440060 8007 2	N/A	N/A	N/A	N/A	N/A	N/A
LED-8035E57-A	8440060 8055 6	10 8440060 8055 3	N/A	N/A	N/A	N/A	N/A	N/A
LED-8035E40C-A	8440060 8105 8	10 8440060 8105 5	N/A	N/A	N/A	N/A	N/A	N/A
LED-8035E57C-A	8440060 8106 5	10 8440060 8106 0	N/A	N/A	N/A	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)	60	<table border="1"> <thead> <tr> <th colspan="3">Zonal Lumen Summary</th> <th colspan="6">Lumens Per Zone</th> </tr> <tr> <th>Zone</th> <th>Lumens</th> <th>% Luminaire</th> <th>Zone</th> <th>Lumens</th> <th>% Total</th> <th>Zone</th> <th>Lumens</th> <th>% Total</th> </tr> </thead> <tbody> <tr> <td>0-30</td> <td>2,510.4</td> <td>23.3%</td> <td>0-10</td> <td>285.8</td> <td>2.6%</td> <td>90-100</td> <td>490.0</td> <td>4.5%</td> </tr> <tr> <td>0-40</td> <td>4,152.0</td> <td>38.5%</td> <td>10-20</td> <td>884.5</td> <td>8.2%</td> <td>100-110</td> <td>392.2</td> <td>3.6%</td> </tr> <tr> <td>0-60</td> <td>7,037.0</td> <td>65.2%</td> <td>20-30</td> <td>1,340.1</td> <td>12.4%</td> <td>110-120</td> <td>296.0</td> <td>2.7%</td> </tr> <tr> <td>60-90</td> <td>2,227.2</td> <td>20.6%</td> <td>30-40</td> <td>1,641.6</td> <td>15.2%</td> <td>120-130</td> <td>181.0</td> <td>1.7%</td> </tr> <tr> <td>70-100</td> <td>1,778.6</td> <td>16.5%</td> <td>40-50</td> <td>1,634.2</td> <td>15.1%</td> <td>130-140</td> <td>107.3</td> <td>1%</td> </tr> <tr> <td>90-120</td> <td>1,178.2</td> <td>10.9%</td> <td>50-60</td> <td>1,250.8</td> <td>11.6%</td> <td>140-150</td> <td>47.0</td> <td>0.4%</td> </tr> <tr> <td>0-90</td> <td>9,264.2</td> <td>85.8%</td> <td>60-70</td> <td>938.6</td> <td>8.7%</td> <td>150-160</td> <td>14.8</td> <td>0.1%</td> </tr> <tr> <td>90-180</td> <td>1,533.1</td> <td>14.2%</td> <td>70-80</td> <td>745.8</td> <td>6.9%</td> <td>160-170</td> <td>3.8</td> <td>0%</td> </tr> <tr> <td>0-180</td> <td>10,797.3</td> <td>100%</td> <td>80-90</td> <td>542.8</td> <td>5.0%</td> <td>170-180</td> <td>1.0</td> <td>0%</td> </tr> </tbody> </table>	Zonal Lumen Summary			Lumens Per Zone						Zone	Lumens	% Luminaire	Zone	Lumens	% Total	Zone	Lumens	% Total	0-30	2,510.4	23.3%	0-10	285.8	2.6%	90-100	490.0	4.5%	0-40	4,152.0	38.5%	10-20	884.5	8.2%	100-110	392.2	3.6%	0-60	7,037.0	65.2%	20-30	1,340.1	12.4%	110-120	296.0	2.7%	60-90	2,227.2	20.6%	30-40	1,641.6	15.2%	120-130	181.0	1.7%	70-100	1,778.6	16.5%	40-50	1,634.2	15.1%	130-140	107.3	1%	90-120	1,178.2	10.9%	50-60	1,250.8	11.6%	140-150	47.0	0.4%	0-90	9,264.2	85.8%	60-70	938.6	8.7%	150-160	14.8	0.1%	90-180	1,533.1	14.2%	70-80	745.8	6.9%	160-170	3.8	0%	0-180	10,797.3	100%	80-90	542.8	5.0%	170-180	1.0	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> <tr> <td rowspan="2">Recommended Minimum Fixture Size</td> <td colspan="2">THERMAL SPECIFICATIONS</td> </tr> <tr> <td>OPERATING TEMPERATURE</td> <td>-40°F to +122°F</td> </tr> <tr> <td>Width</td> <td>8</td> <td>IN-SITU TEMP MEASUREMENT/L70</td> </tr> <tr> <td>Height</td> <td>10</td> <td>LED TEMPERATURE*</td> </tr> <tr> <td>Volume (Cu. In.)</td> <td>80</td> <td>L70 LED LUMEN MAINTAINENCE*</td> </tr> <tr> <td></td> <td></td> <td>* FROM ISTMT REPORT AT 77°F</td> </tr> </tbody> </table>	BASE DOWN	BASE UP	HORIZONTAL				APPROVED	APPROVED	APPROVED	Recommended Minimum Fixture Size	THERMAL SPECIFICATIONS		OPERATING TEMPERATURE	-40°F to +122°F	Width	8	IN-SITU TEMP MEASUREMENT/L70	Height	10	LED TEMPERATURE*	Volume (Cu. In.)	80	L70 LED LUMEN MAINTAINENCE*			* FROM ISTMT REPORT AT 77°F
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