



LED-8030M 140W High Bay Retrofit

Models

LED-8030MXX-A, 120-277VAC, cULus, 4000K & 5700K CCT
 LED-8030MXXC-A, 347VAC, cUL, 4000K or 5700K CCT

Description

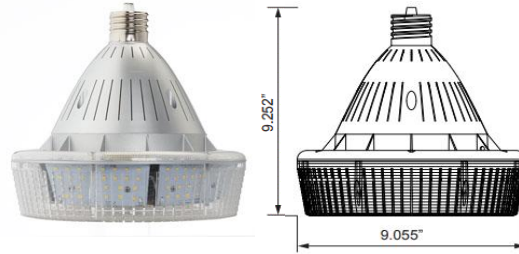
Light Efficient Design's High Bay retrofits replace HID lamps up to 400W HID. Advanced Active Cooling technology improves thermal performance and delivers the highest light output along with longer LED and driver life versus lamps limited to passive cooling. All models are tested by UL under 1598C that insures that retrofitted fixture retains safety certification as well as approved by UL for enclosed fixtures.

Features

- 140W LED Replaces 400W MH or HPS HID Lamps
- Up to 15,966 lumen output and 113 LPW efficacy
- Available in EX39 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-8030M40-A | 120-277V | 140W | 15763 | 109 | 400W HID | EX39 Protected Mogul | 4000K | 84 | 0.1578 | 97 | 13 | 0 | Directional / 360° | No |
| LED-8030M57-A | | | 15911 | 110 | | | 5700K | 85.4 | 0.1542 | 98 | 17 | 0.0026 | | |

TECHNICAL SPECIFICATIONS - CANADA 347V - ALL MODELS cUL

| MODEL | VOLTAGE | WATTAGE | LUMENS* | LPW* | REPLACES | BASE | CCT | CRI* | THD* | PF* | R9* | Duv* | LIGHT DISTRIBUTION | DIMMABLE |
|----------------|---------|---------|---------|------|----------|----------------------|-------|------|--------|--------|-----|--------|--------------------|----------|
| LED-8030M40C-A | 347V | 140W | 15667 | 112 | 400W HID | EX39 Protected Mogul | 4000K | 83.8 | 0.1862 | 97 | 10 | 0.0016 | Directional / 360° | No |
| LED-8030M57C-A | | | 15966 | 113 | | | 5700K | 84.8 | 0.1652 | 0.9681 | 13 | 0.0034 | | |

PACKAGING SPECIFICATIONS

| MODEL | PRODUCT DIMENSION | PRODUCT WEIGHT | UNIT CARTON DIMENSION | UNIT CTN WT | SHIPPER CARTON DIMENSION | SHIPPER CTN WT | CARTON QUANTITY |
|-----------|-------------------|----------------|------------------------|-------------|--------------------------|----------------|-----------------|
| LED-8030M | 9.5" X 9.1" | 3.2 lbs | 11.6 X 11.6 X 12.1 in. | 5.1 Lbs. | 23.8 X 12.2 X 12.7 in. | 12 Lbs. | 2 |

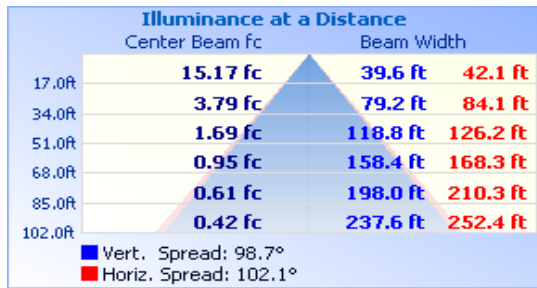
UPC / UCC

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-8030M40-A | 8440060 8008 2 | 10 8440060 8008 9 | Replacement Lamps for High-Bay Luminaires (Type B) | PX8ES8YD | LLLAIK | 0 | 0 | 0 |
| LED-8030M57-A | 8440060 8030 3 | 10 8440060 8030 0 | Replacement Lamps for High-Bay Luminaires (Type B) | PZPUDKXW | LLLAIK | 0 | 0 | 0 |
| LED-8030M40C-A | 8440060 8099 0 | 10 8440060 8099 7 | Replacement Lamps for High-Bay Luminaires (Type B) | PM7YQ88J | LLLAIL | 0 | 0 | 0 |
| LED-8030M57C-A | 8440060 8100 3 | 10 8440060 8100 0 | Replacement Lamps for High-Bay Luminaires (Type B) | P395NSP7 | LLLAIL | 0 | 0 | 0 |

ENERGY SAVING vs. HID

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



Mounting Orientation

| | BASE DOWN | BASE UP | HORIZONTAL |
|----------------------------------|------------------------------|-----------------------------|-----------------|
| | | | |
| | APPROVED | APPROVED | APPROVED |
| Recommended Minimum Fixture Size | THERMAL SPECIFICATIONS | | |
| | OPERATING TEMPERATURE | | -40°F to +122°F |
| Width | IN-SITU TEMP MEASUREMENT/L70 | | |
| | LED TEMPERATURE* | | 53.9 |
| | L70 LED LUMEN MAINTAINANCE* | | >54,000 |
| Volume (Cu. In.) | 1728 | * FROM ISTMT REPORT AT 77°F | |



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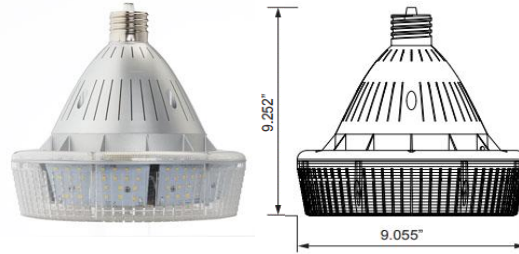
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- 50,000 hour rated LED life (supported by LM80 and ISTMT reports (see website))
- 5 Year Limited Warranty - see website for details
- Insect/dust resistant housing



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(See details below)



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

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TECHNICAL SPECIFICATIONS - CANADA 347V - ALL MODELS cUL

| MODEL | VOLTAGE | WATTAGE | LUMENS* | LPW* | REPLACES | BASE | CCT | CRI* | THD* | PF* | R9* | Duv* | LIGHT DISTRIBUTION | DIMMABLE |
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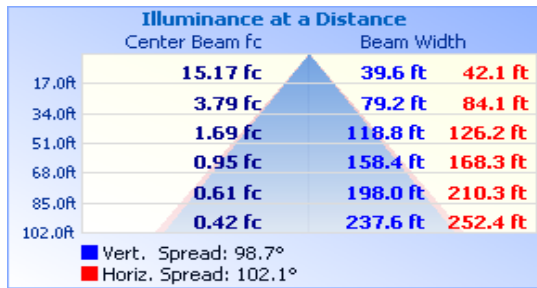
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ENERGY SAVING vs. HID

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

| | |
|--|----------|
| LED Lamp Power (watts) | 140 |
| HID Lamp Power (watts) | 400 |
| HID Ballast Power (watts) | 60 |
| Total power Savings (watts) | 320 |
| Annual Energy Savings | \$ 180 |
| Lifetime Energy Savings over 50,000 hrs) | \$ 1,760 |



Mounting Orientation

| | BASE DOWN | BASE UP | HORIZONTAL |
|----------------------------------|------------------------|-----------------------------|-----------------|
| | | | |
| | APPROVED | APPROVED | APPROVED |
| Recommended Minimum Fixture Size | THERMAL SPECIFICATIONS | | |
| | OPERATING TEMPERATURE | | -40°F to +122°F |
| IN-SITU TEMP MEASUREMENT/L70 | | | |
| Width | 12 | LED TEMPERATURE* | |
| Height | 12 | 53.9 | |
| Volume (Cu. In.) | 1728 | L70 LED LUMEN MAINTAINANCE* | |
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