

LED-8046M 65W LED for HID Retrofit for Post Top / Area

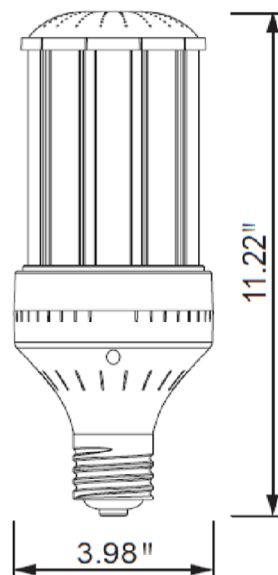
LED for **HID**
RETROFIT

Models

LED-8046MXX, 120-277VAC, cULus, 3000K, 4200K or 5700K CCT, E39
LED-8046MXXC, 347VAC, cUL, 3000K, 4200K or 5700K CCT, E39

Features

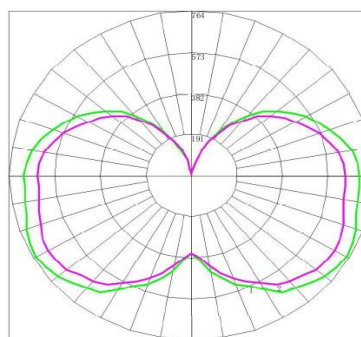
- > 65W LED Replaces 250W MH or HPS HID Lamps
- > UL approved for damp environments and enclosed fixtures
- > Advanced active cooling: Active cooling and dynamic temperature control
- > 50,000 hour rated LED life (supported by LM80 and ISTMT reports (see website)
- > 5 Year Limited Warranty - see website for details
- > UL1598C retains fixture UL Listing
- > Rated for enclosed fixture



Technical Specifications

| Models US/CAN | LED-8046M30 | LED-8046M42 | LED-8046M57 | LED-8046M30C | LED-8046M42C | LED-8046M57C |
|---------------------|-----------------------|-------------|-------------|--------------|--------------|--------------|
| | USA | | | Canada | | |
| CCT | 3000K | 4200K | 5700K | 3000K | 4200K | 5700K |
| Power Consumption | 65 watts | | | | | |
| Replaces | 250 MH/HPS | | | | | |
| Mounting | E39 | | | | | |
| Voltage | 120-277VAC | | | 347VAC | | |
| LED Type | 2835 | | | | | |
| Beam Angle | 360° | | | | | |
| Dimmable | NO | | | | | |
| Operating Temp | -40°F - +122°F | | | | | |
| Rated R70 Life | Up to 50,000 Hrs. | | | | | |
| Warranty | 5 Year Limited* | | | | | |
| | | | | | | |
| LM79 Specifications | Yes | Yes | Yes | Yes | Yes | Yes |
| Power (W) | 65 | 65 | 65 | 65 | 65 | 65 |
| CCT | 3000 | 4014 | 6084 | 3000 | 4014 | 6084 |
| Light Output | 5850 | 6349 | 6497 | 5850 | 6349 | 6497 |
| Efficacy | 90 | 98 | 100 | 90 | 98 | 100 |
| THD @ 277V | <20% | <20% | <20% | <20% | <20% | <20% |
| PF @ 277V | >90 | >90 | >90 | >90 | >90 | >90 |
| CRI: | >80 | 82.2 | 80.08 | >80 | 82.2 | 80.08 |
| R9 | n/a | n/a | n/a | n/a | n/a | n/a |
| Duv | n/a | n/a | n/a | n/a | n/a | n/a |
| | | | | | | |
| Packaging | 6/ Master Carton | | | | | |
| Unit | 11.22" X 3.98" | | | | | |
| Master | 17.1" X 11.6" X 13.4" | | | | | |

Polar Curves



Installation Notes:

- Ballast must be bypassed
- Installing surge/lightning protectors is highly recommended

| LED Power Consumption (Watts) | HID Power Consumption (Watts) | HID Ballast Power Consumption (Watts) | Total Savings (Watts) | Annual Energy Savings (14 hrs/day) | Lifetime Energy Savings (over 50,000 hrs) |
|-------------------------------|-------------------------------|---------------------------------------|-----------------------|------------------------------------|---|
| 65 | 250 | 40 | 225 | \$126 | \$1,238 |

| Mounting Orientation | | | Minimum Fixture Size Requirements (inches) | |
|----------------------|-----------|----------|--|-------|
| Base Up | Base Down | Horiz | | |
| | | | Length | 13 |
| | | | Width | 6 |
| | | | Height | 6 |
| Approved | Approved | Approved | Cu. Inches | 468.0 |



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