

Project _____
 Schedule / Date _____
 Notes _____
 Catalog Number _____

Product Description

naturalLED[®] High Quality LED Retrofit Kits have been designed specifically for your existing HID fixtures. Upgrade your traditional HID fixtures using our LED HID Retrofit. Delivering up to 2X higher lumens and efficacy compared to retrofits using generic LED. Utilizing high-efficiency LEDs and reliable drivers will save you time, energy, and money!

Multiple mounting options and adjustability for Indoor and Outdoor applications to fit various fixture types. Wide and even light distribution is a perfect replacement to use for existing fixtures: Shoebox, High Bay, Low Bay, Flood, Wall Pack and much more.

Providing many years of energy saving service and easy replacements for existing metal halide HID, high-pressure sodium, or mercury vapor light bulbs and ballasts.



Features & Benefits

- ▶ DLC Premium
- ▶ Retrofit any high/low bay, wall pack, flood light, & area light
- ▶ Uniform light distribution and consistent color
- ▶ Extruded aluminum heat sink dissipates heat and ensures thermal management
- ▶ Incredible Energy Savings
- ▶ Yoke Mount included with adjustable position
- ▶ EX39 base included
- ▶ Constructed by heavy-duty cast aluminum housing, long durability, and protects from dirt and insects
- ▶ Featured built-in fan w/100,000 hrs average lifespan for 120W, 200W, and 300W

Specifications

- ▶ Input line voltage: 120-277
- ▶ Powerfactor >0.9
- ▶ Dimmable 0-10V
- ▶ Operating temperature: -4°F ~ 122°F

Applications

- ▶ Warehouses
- ▶ High/Low Bay Replacement
- ▶ Wall Pack Replacement



Included with Retrofit Kit

- ▶ Driver



- ▶ EX39 socket
*included for all models



- ▶ E26 socket
*included for 50W only



Optional Accessories

- ▶ Step-Down Driver



Ordering Information

| Code | Description | CCT | Watt | Lumen | Equiv Wattage | Beam Angle | Dim | Voltage | Rated Hrs | DLC |
|------|--------------------|-------|------|--------|---------------|------------|-------|---------|-----------|-----|
| 7608 | LED-RKIT50HID/40K | 4000K | 50 | 6,738 | 250-400 | Type 5 | 0-10V | 120-277 | 50,000 | • |
| 7609 | LED-RKIT50HID/50K | 5000K | 50 | 6,837 | 250-400 | Type 5 | 0-10V | 120-277 | 50,000 | • |
| 7610 | LED-RKIT120HID/40K | 4000K | 120 | 15,554 | 400 | Type 5 | 0-10V | 120-277 | 50,000 | • |
| 7611 | LED-RKIT120HID/50K | 5000K | 120 | 15,735 | 400 | Type 5 | 0-10V | 120-277 | 50,000 | • |
| 7612 | LED-RKIT200HID/40K | 4000K | 200 | 28,678 | 400-575 | Type 5 | 0-10V | 120-277 | 50,000 | • |
| 7613 | LED-RKIT200HID/50K | 5000K | 200 | 29,025 | 400-575 | Type 5 | 0-10V | 120-277 | 50,000 | • |
| 7614 | LED-RKIT300HID/40K | 4000K | 300 | 37,506 | 750-1000 | Type 5 | 0-10V | 120-277 | 50,000 | • |
| 7615 | LED-RKIT300HID/50K | 5000K | 300 | 38,235 | 750-1000 | Type 5 | 0-10V | 120-277 | 50,000 | • |

Accessories

Base

EX39 Socket
(Included with HID Retrofit
50W, 120W, 200W, 300W)



Base

E26 Socket
(Included with HID Retrofit
50W only)



Driver Step Down

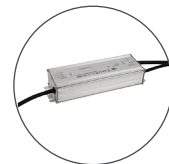
P10070 BA-PTN-0150-480220-7635
(347-480V to 277V Step Down Driver under 150W fixture)

P10069 BA-PTN-0250-480220-8645
(347-480V to 277V Step Down Driver under 250W fixture)



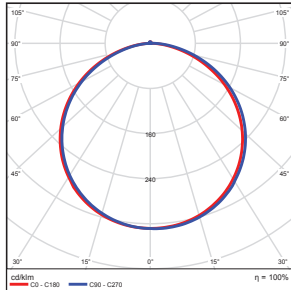
Driver

Driver
(Included with HID Retrofit)



Photometric Data

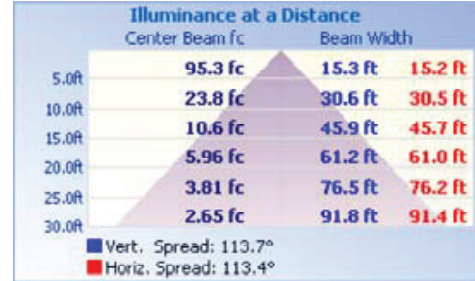
50 Watt



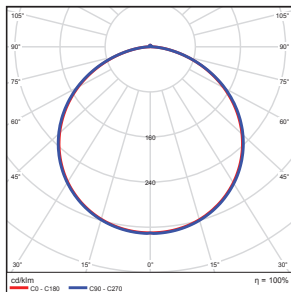
Zonal Lumen Summary

| Zone | Lumens | % Luminaire |
|--------|---------|-------------|
| 0-30 | 1617.75 | 25.90 |
| 0-40 | 2670.29 | 42.70 |
| 0-60 | 4797.06 | 76.70 |
| 60-80 | 1235.92 | 19.80 |
| 70-80 | 452.96 | 7.20 |
| 90-120 | 33.85 | 0.50 |
| 90-180 | 78.31 | 1.30 |
| 0-180 | 6256.23 | 100.00 |

Total Luminaire Efficiency = 100.00%



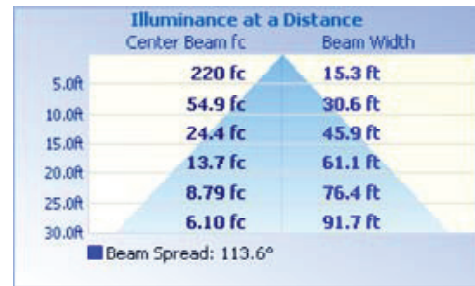
120 Watt



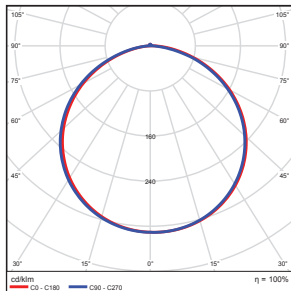
Zonal Lumen Summary

| Zone | Lumens | % Luminaire |
|--------|----------|-------------|
| 0-30 | 3733.58 | 26.00 |
| 0-40 | 6167.00 | 43.00 |
| 0-60 | 11076.53 | 77.20 |
| 60-80 | 2805.37 | 19.60 |
| 70-80 | 1012.04 | 7.10 |
| 90-120 | 72.73 | 0.50 |
| 90-180 | 174.85 | 1.20 |
| 0-180 | 14347.81 | 100.00 |

Total Luminaire Efficiency = 100.00%



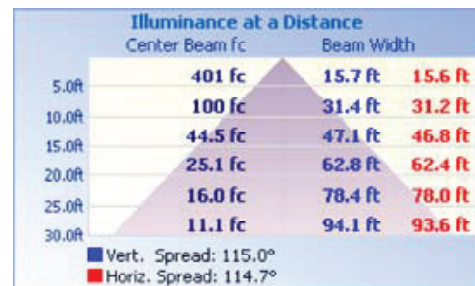
200 Watt



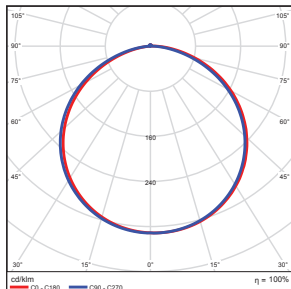
Zonal Lumen Summary

| Zone | Lumens | % Luminaire |
|--------|----------|-------------|
| 0-30 | 6546.59 | 26.00 |
| 0-40 | 10809.84 | 43.00 |
| 0-60 | 19402.65 | 77.20 |
| 60-80 | 4918.6 | 19.60 |
| 70-80 | 1779.00 | 7.10 |
| 90-120 | 128.60 | 0.50 |
| 90-180 | 306.69 | 1.20 |
| 0-180 | 25147.05 | 100.00 |

Total Luminaire Efficiency = 100.00%



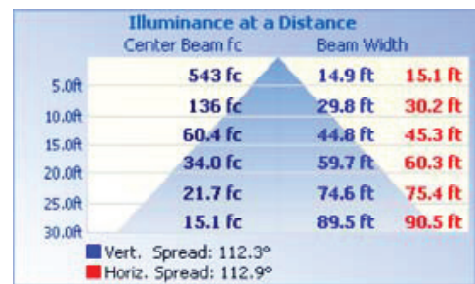
300 Watt



Zonal Lumen Summary

| Zone | Lumens | % Luminaire |
|--------|----------|-------------|
| 0-30 | 9696.31 | 26.10 |
| 0-40 | 16006.21 | 43.00 |
| 0-60 | 28705.35 | 77.20 |
| 60-80 | 7250.39 | 19.50 |
| 70-80 | 2623.21 | 7.10 |
| 90-120 | 200.42 | 0.50 |
| 90-180 | 462.47 | 1.20 |
| 0-180 | 37202.94 | 100.00 |

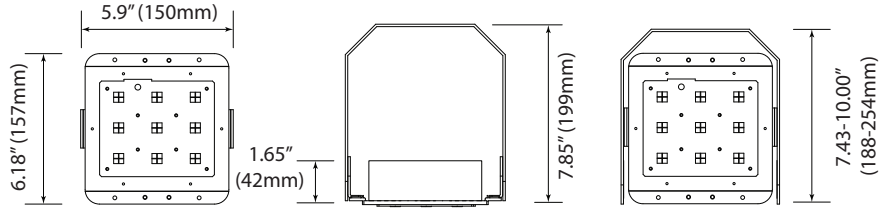
Total Luminaire Efficiency = 100.00%



Product Dimensions

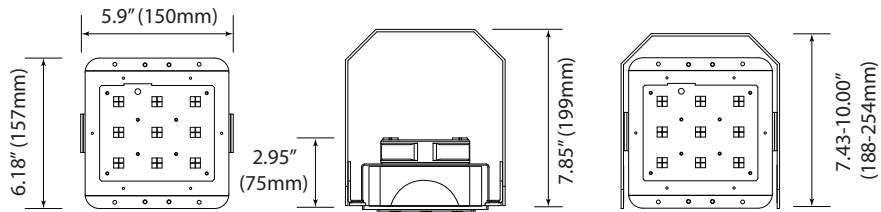
50W

Weight: 4.00-lbs (including Driver)



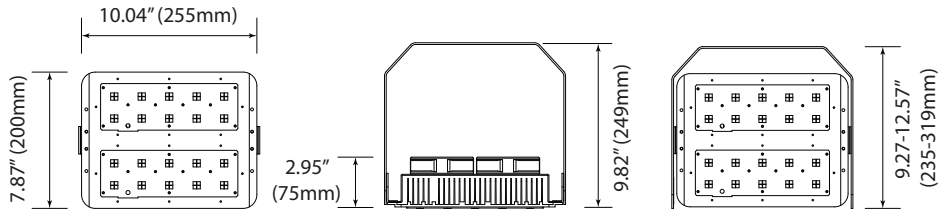
120W

Weight: 4.00-lbs (including Driver)



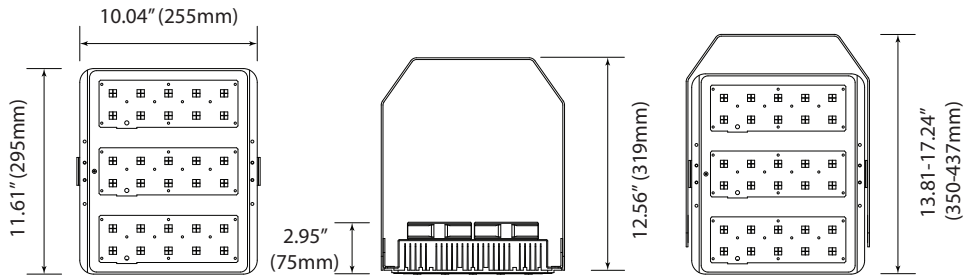
200W

Weight: 8.45-lbs (including Driver)



300W

Weight: 11.40-lbs (including Driver)



Package

