

Project	
Schedule	Date
Notes	
Catalog Number	

HID Retrofit

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)



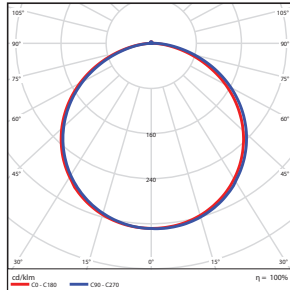
Driver

Driver
(Included with HID Retrofit)



Photometric Data

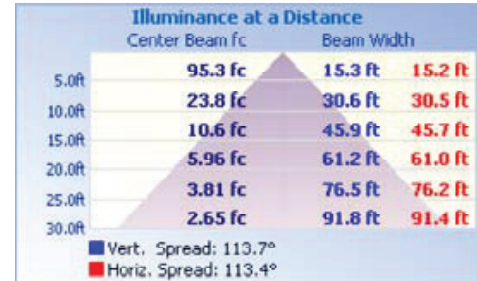
50 Watt



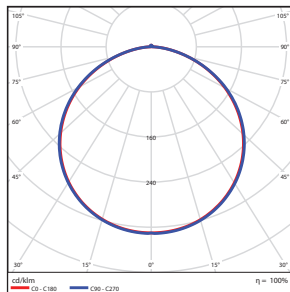
Zonal Lumen Summary

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%



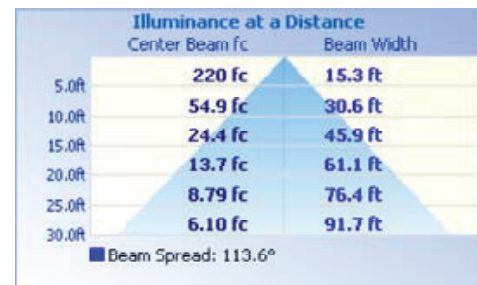
120 Watt



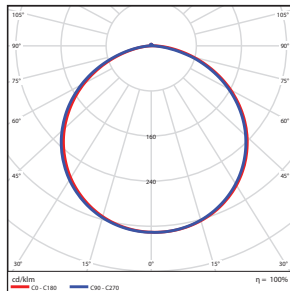
Zonal Lumen Summary

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%



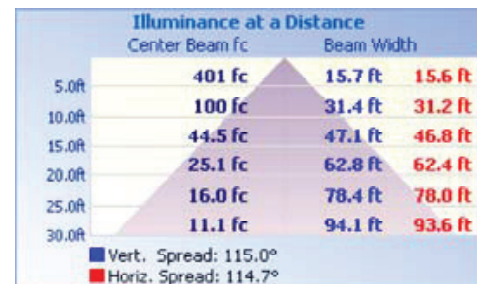
200 Watt



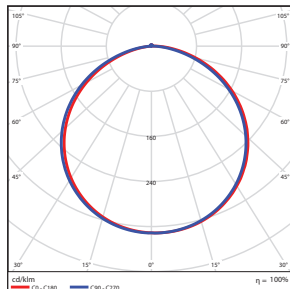
Zonal Lumen Summary

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%



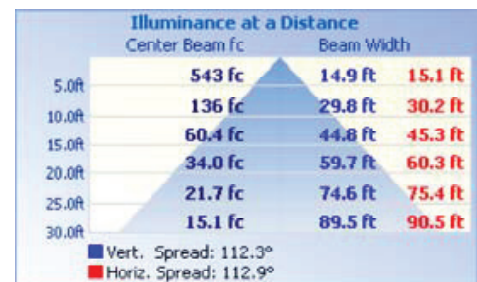
300 Watt



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

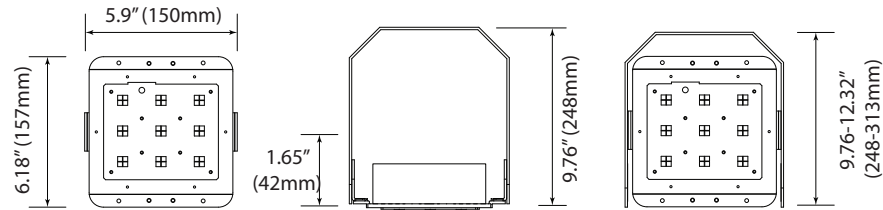
Total Luminaire Efficiency = 100.00%



Product Dimensions

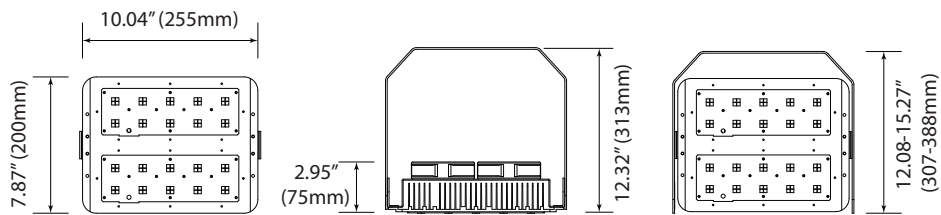
50W / 120W

Weight: 4.00-lbs
(including Driver)



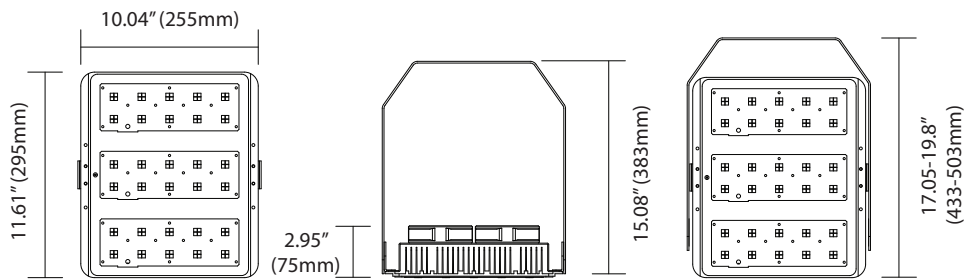
200W

Weight: 8.45-lbs
(including Driver)



300W

Weight: 11.40-lbs
(including Driver)



Package

