naturaled®
Turning Light into Savings

DESCRIPTION

NaturaLED® High Quality LED Retrofit Kits have been designed specifically for your existing HID fixtures. Upgrade your traditional HID fixtures using our LED HID Retrofit Kit. Delivering up to 2X higher lumens and efficacy compared to retrofits using generic LED kit. 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.

200W   300W   50W/120W

DLC PREMIUM   DIMMABLE   TYPE V   ETL Intertek   c(UL)us   FC   LM 79   LM 80   RoHS Compliant

5 YEAR WARRANTY

FEATURES

- 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
- Yoke Mount included with adjustable position
- 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
- Input line voltage: 120-277
- Dimmable 0-10V
- Operating temperature: -22°F ~ 122°F

ACCESSORIES

Driver (Included)

E39 socket
*included for all models

E26 socket
*included for 50W only

Step-Down Driver

APPLICATIONS

- Conference rooms
- Meeting rooms
- Offices
- Schools
- Hospitals
- Hospitalities

WARRANTY

- 5 Year Warranty

Ordering Information		EXAMPLE: LED-RKIT50HID/40K		
LED	**RKIT**	**50**	**HID**	**40K**
LED	Category	Wattage	Replacement	Color Temp
	RKIT	**50**　50 Watt	**HID**　High-Intensity Lamp	**40K**　4000K
	Retrofit Fixture			

■ ORDERING

Watts (W)	Ordering Code	Description	Color Temp (K)	Lumens (lm)	Dim	Equiv. Wattage (W)	Beam Angle	Rated Hrs	DLC (S/P)
50	7608	LED-RKIT50HID/40K	4000K	6,738	1-10V	250-400	Type 5	50,000	P
50	7609	LED-RKIT50HID/50K	5000K	6,837	1-10V	250-400	Type 5	50,000	P
120	7610	LED-RKIT120HID/40K	4000K	15,554	1-10V	400	Type 5	50,000	P
120	7611	LED-RKIT120HID/50K	5000K	15,735	1-10V	400	Type 5	50,000	P
200	7612	LED-RKIT200HID/40K	4000K	28,678	1-10V	400-575	Type 5	50,000	P
200	7613	LED-RKIT200HID/50K	5000K	29,025	1-10V	400-575	Type 5	50,000	P
300	7614	LED-RKIT300HID/40K	4000K	37,506	1-10V	750-1000	Type 5	50,000	P
300	7615	LED-RKIT300HID/50K	5000K	38,235	1-10V	750-1000	Type 5	50,000	P

■ MOUNTING / ACCESSORIES

INCLUDED

Base

• E39 Socket

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

• E26 Socket

(Included with HID Retrofit 50W)

Plate

• Driver Mounting Plate

(Included with HID Retrofit)

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SOLD SEPARATELY

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

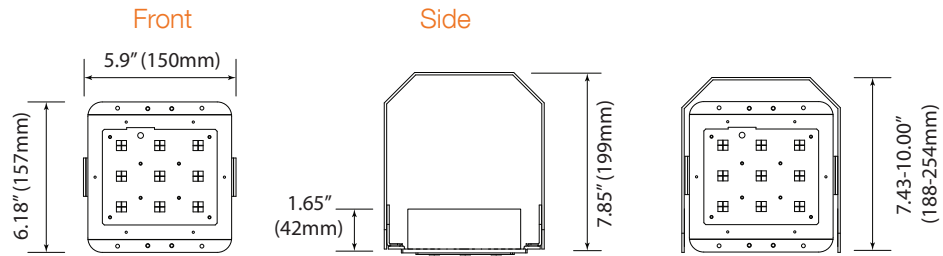(347-480V to 277V Step Down Driver under 250W fixture)

Driver

• Driver

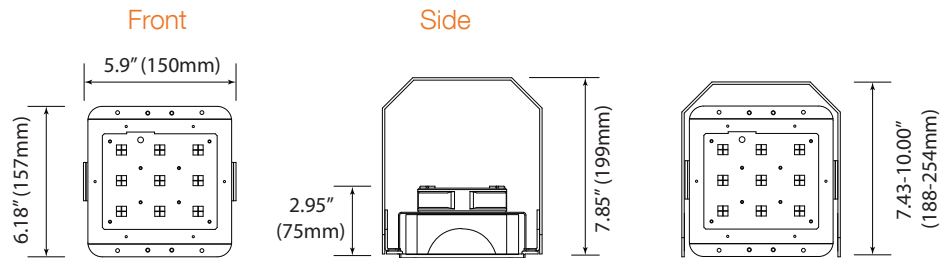(Included with HID Retrofit)

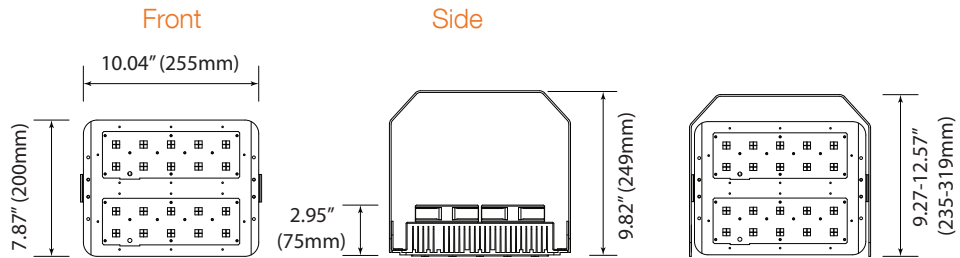## SPECIFICATIONS

50 Watt
Weight: 4.00-lbs (including Driver)

Front

Side

5.9" (150mm)

6.18" (157mm)

1.65" (42mm)

7.85" (199mm)

7.43-10.00" (188-254mm)

120 Watt
Weight: 4.00-lbs (including Driver)

Front

Side

5.9" (150mm)

6.18" (157mm)

2.95" (75mm)

7.85" (199mm)

7.43-10.00" (188-254mm)

200 Watt
Weight: 8.45-lbs (including Driver)

Front

Side

10.04" (255mm)

7.87" (200mm)

2.95" (75mm)

9.82" (249mm)

9.27-12.57" (235-319mm)

300 Watt
Weight: 11.40-lbs (including Driver)

Front

Side

10.04" (255mm)

11.61" (295mm)

2.95" (75mm)

12.56" (319mm)

13.81-17.24" (350-437mm)
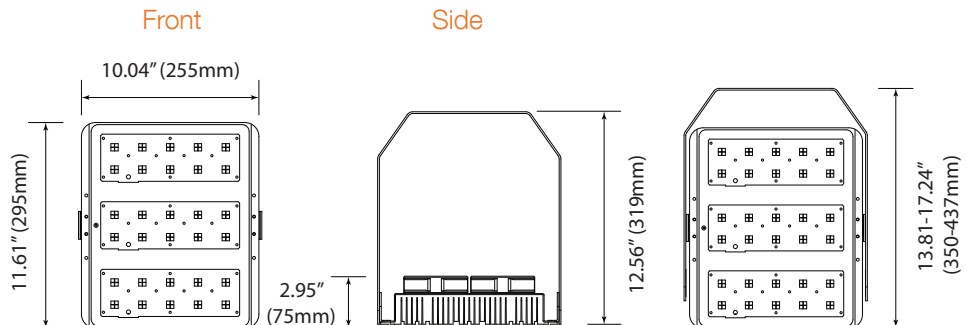
■ PHOTOMETRICS CHART

RKIT (50 Watt)
DLC Premium
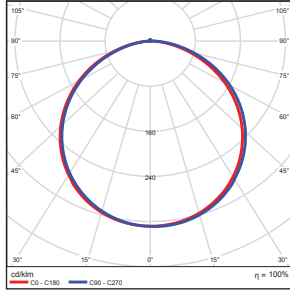
Illuminance at a Distance	Center Beam fc	Beam Width	
5.0ft	95.3 fc	15.3 ft	15.2 ft
10.0ft	23.8 fc	30.6 ft	30.5 ft
15.0ft	10.6 fc	45.9 ft	45.7 ft
20.0ft	5.96 fc	61.2 ft	61.0 ft
25.0ft	3.81 fc	76.5 ft	76.2 ft
30.0ft	2.65 fc	91.8 ft	91.4 ft

■ Vert. Spread: 113.7^
■ Horiz. Spread: 113.4°

RKIT (120 Watt)
DLC Premium
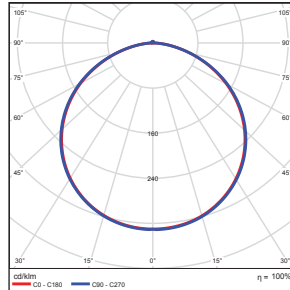
Illuminance at a Distance	Center Beam fc	Beam Width
5.0ft	220 fc	15.3 ft
10.0ft	54.9 fc	30.6 ft
15.0ft	24.4 fc	45.9 ft
20.0ft	13.7 fc	61.1 ft
25.0ft	8.79 fc	76.4 ft
30.0ft	6.10 fc	91.7 ft

■ Beam Spread: 113.6^

RKIT (200 Watt)
DLC Premium
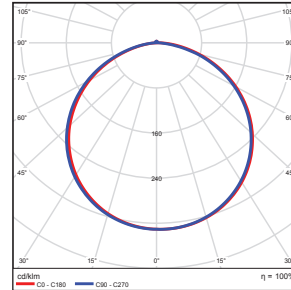
Illuminance at a Distance	Center Beam fc	Beam Width	
5.0ft	401 fc	15.7 ft	15.6 ft
10.0ft	100 fc	31.4 ft	31.2 ft
15.0ft	44.5 fc	47.1 ft	46.8 ft
20.0ft	25.1 fc	62.8 ft	62.4 ft
25.0ft	16.0 fc	78.4 ft	78.0 ft
30.0ft	11.1 fc	94.1 ft	93.6 ft

■ Vert. Spread: 115.0^
■ Horiz. Spread: 114.7°

RKIT (300 Watt)
DLC Premium
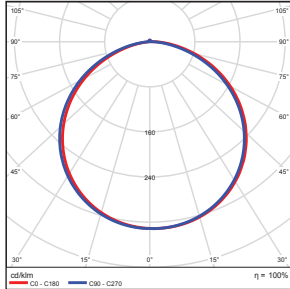
Illuminance at a Distance	Center Beam fc	Beam Width	
5.0ft	543 fc	14.9 ft	15.1 ft
10.0ft	136 fc	29.8 ft	30.2 ft
15.0ft	60.4 fc	44.8 ft	45.3 ft
20.0ft	34.0 fc	59.7 ft	60.3 ft
25.0ft	21.7 fc	74.6 ft	75.4 ft
30.0ft	15.1 fc	89.5 ft	90.5 ft

■ Vert. Spread: 112.0^
■ Horiz. Spread: 112.9°

■ PACKAGE
Master Pack: 1 pc