

PROJECT: _____

SCHEDULE: _____ DATE: _____

PREPARE BY: _____

NOTES: _____

HID HID Retrofit (CCT3)

DESCRIPTION

naturaLED® high-quality LED retrofit kits are specifically engineered for compatibility with existing HID fixtures. They deliver up to twice the lumen output and efficacy of standard generic retrofit kits. Featuring high-efficiency LEDs and reliable drivers, these kits help you save on time, energy, and costs. Designed for flexibility, they include adjustable mounting options suitable for both indoor and outdoor applications across various fixture types. They are available in two/three color selectable options and offer wide, uniform light distribution—making them ideal replacements for fixtures such as shoeboxes, high bays, low bays, floods, wall packs, and more. Easily replace existing metal halide (HID), high-pressure sodium, or mercury vapor lamps and ballasts.

APPLICATIONS

Warehouse, Security, Pathway, Street, Area Lighting

FEATURES

- DLC Standard
- ETL/cETL Listed
- Wattage & Color Selectable
- Wattage: 30~50W, 90~150W, 180~300W
- Color Temp: CCT3 (30/40/50K), CCT2 (40/50K)
- Voltage: 120-277V
- Surge Protection: 10KV
- Dimmable: 0-10V
- CRI: >80
- Operating Temperature: -40°F to 140°F
- Beam Angle: 120°
- Retrofit any High/Low Bay, Wall Pack, Flood Light & Area Light
- Color: Black
- Optional Accessories for Purchase: Adapter, Surge Protector, 277-480V Drivers
- Warranty: 5-Year Limited Warranty



Rated Life Hours 50,000
Warranty 5 Years

ACCESSORIES

	E26 socket
	E39 sockets (included for all models)
	Surge Protector
	277-480V Drivers

SAMPLE NUMBER		RKIT50S/HID/8C3		
SERIES	WATTAGE	REPLACEMENT	CRI	COLOR TEMP
RKIT Retrofit Kit	50S <50 Selectable Wattages	HID Metal Halide HID	8 CRI 80	C3 Color Temperature (3000/4000/5000K)



ORDERING

Ordering Code	Description	Watts (W)	Lumens within fixture (Lm)	Lumens without fixture (Lm)	CCT (K)	Equiv. Wattage (W)	Size	Dim	DLC (S/P)
9757	RKIT50S/HID/8C3	30	4,010	4,800	3CCT	250W	7" x 5"	0-10V	S
		40	5,400	6,400	(30/40/50K)				
		50	6,653	8,000					
9758	RKIT150S/HID/8C3	90	11,350	12,780	3CCT	400-575W	7" x 5"	0-10V	S
		120	15,120	17,040	(30/40/50K)				
		150	19,143	21,300					
9759	RKIT300S/HID/8C2/MV	180	24,073	29,700	2CCT	750-1000W	7.70" x 8.70"	0-10V	S
		240	32,160	39,600	(40/50K)				
		300	38,811	49,500					

ACCESSORIES

Base



P10374 MT-RKIT-E26
(Mount E26 Adapter for HID Retrofit)



E39 Socket (Included)
(Included with HID Retrofit)



Surge Protectors

P10389 SPD-L-10KV-277
(Single Phase Surge Protection 10KV 120-277V)

P10390 SPD-L-20KV-277
(Single Phase Surge Protection 20KV 120-277V)

Drivers & Step down



Driver
(Included with HID Retrofit)



P10446 BALED-SS-150M-56BH
(277-480V Driver for RKIT 150W)

P10452 BALED-SS-320M-56BH
(277-480V Driver for RKIT 300W)

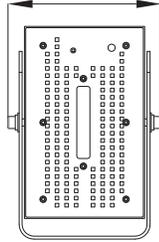


P10429 BA-MTM00706227C
(70W Stepdown 480/347V to 277V Transformer)

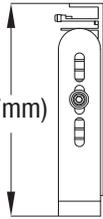
DIMENSIONS

50 S/Wattage
3.35-lbs

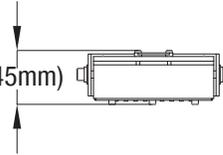
5 in (127.5mm)



7 in (177mm)

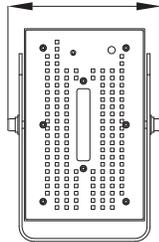


1.8 in (45mm)

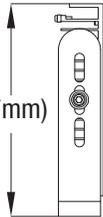


150 S/Wattage
3.35-lbs

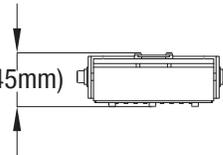
5 in (127.5mm)



7 in (177mm)

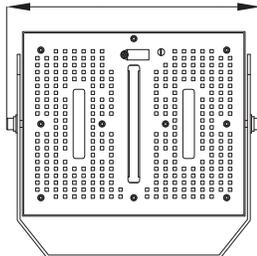


1.8 in (45mm)

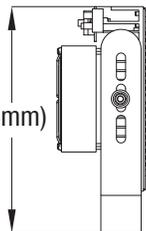


300 S/Wattage
7.5-lbs

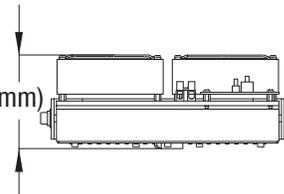
8.7 in (220.5mm)



7.7 in (196mm)

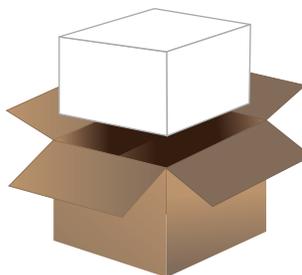


3.2 in (81mm)



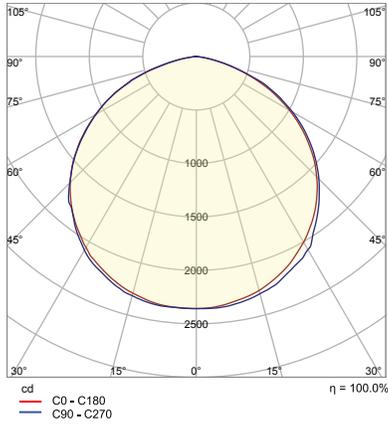
PACKAGE

Item #	Master Carton (pc)	Dimensions (in)	Weight (lb)
9757	1	11" x 8.86" x 3.54"	4.41
9758	1	11.5" x 10.13" x 4"	5.07
9759	1	12.4" x 12.2" x 5.12"	9.70

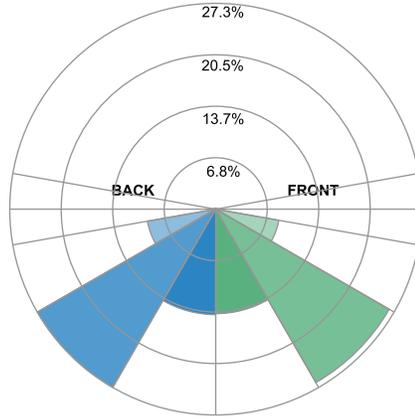


PHOTOMETRICS

50 S/ Wattage



BUG rating B2 U0 G2

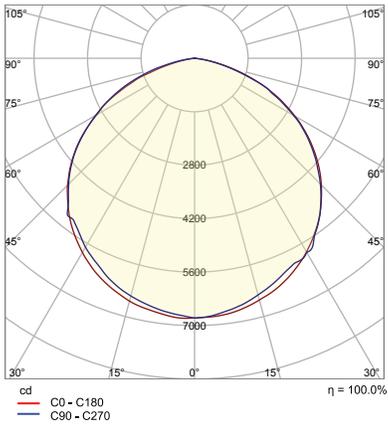


Illuminance at a Distance

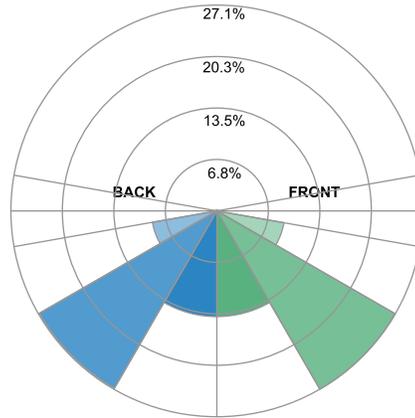
	Center Beam fc	Beam Width	
2.50M	35.1 fc	7.66 M	7.74 M
5.00M	8.76 fc	15.31 M	15.48 M
7.50M	3.89 fc	22.98 M	23.23 M
10.00M	2.19 fc	30.64 M	30.97 M
12.50M	1.40 fc	38.30 M	38.71 M
15.00M	0.97 fc	45.95 M	46.45 M

■ Vert. Spread: 113.7°
■ Horiz. Spread: 114.3°

150 S/ Wattage



BUG rating B4 U0 G3

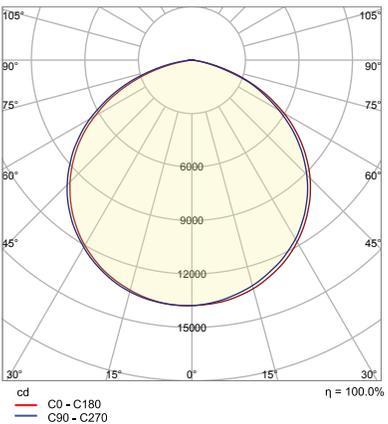


Illuminance at a Distance

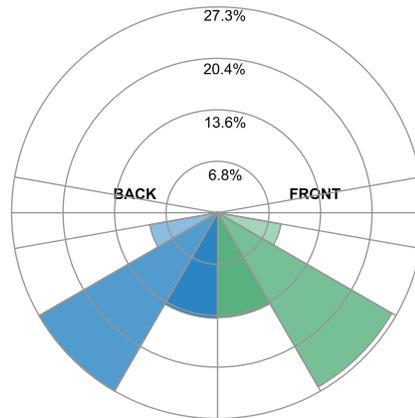
	Center Beam fc	Beam Width	
2.50M	101 fc	7.64 M	7.59 M
5.00M	25.3 fc	15.29 M	15.19 M
7.50M	11.2 fc	22.94 M	22.79 M
10.00M	6.32 fc	30.58 M	30.38 M
12.50M	4.04 fc	38.22 M	37.97 M
15.00M	2.81 fc	45.86 M	45.57 M

■ Vert. Spread: 113.6°
■ Horiz. Spread: 113.3°

300 S/ Wattage



BUG rating B5 U0 G4



Illuminance at a Distance

	Center Beam fc	Beam Width	
2.50M	205 fc	7.70 M	7.68 M
5.00M	51.2 fc	15.41 M	15.36 M
7.50M	22.7 fc	23.12 M	23.05 M
10.00M	12.8 fc	30.82 M	30.73 M
12.50M	8.19 fc	38.52 M	38.41 M
15.00M	5.69 fc	46.23 M	46.09 M

■ Vert. Spread: 114.0°
■ Horiz. Spread: 113.9°