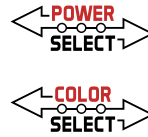




XFIT



optic_{swap}

ROUND LED HIGH BAY FIXTURE

INSTALLATION INSTRUCTIONS

PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION. Please read the instructions before you install and use the fixture.

CAUTION:

1. Do not use any electric generator to test the LED light.
2. Please abide by related country, regional and local law, and regulations when installing the fixture.
3. Please turn off the power before installation or maintenance.
4. Proper grounding is required to ensure safety.

NOTICE

1. To avoid possibility of electrical shock or fire, the installation personnel must have professional electric knowledge.
2. Please wear gloves to avoid injury before installation.
3. If any smoke or spark of the wire happened, please turn off the power immediately and notify relevant personnel.
4. Please use listed water proof strain relief bushing when connecting the supply cord to the outlet box.

ATTENTION:

1. Please check if there is any damage during shipping. If so, please contact manufacturer in a timely manner.
2. Please read the installation instruction carefully to check whether all the accessories are available.

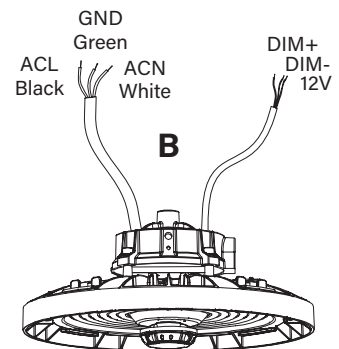
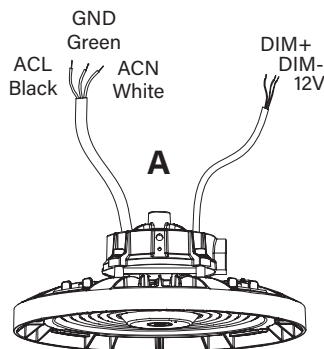
After confirmation, install the led light according to installation steps.

WIRING DIAGRAM & INSTALLATION:

This LED highbay light can be equipped with optional DC motion sensor, and is available with 0/1-10V dimming function, with following 3 dimming solutions:

1. 0/1-10V dimming,
2. Intelligent dimming with DC motion sensor,
3. Pre-install tool-free handling DC motion sensor dimming module, and choose dimming module, and choose dimming function freely.

Please use dimming+, dimming- (DC 10V) marking leads to connect outside dimmer. The pink wire and black wire with shrinkable tubing shall not be damaged (no connection). Class 1 Wiring Only. Please assure a cumulative leakage current of less than 3.5mA on the control circuit. **Installation Methods: Hook Mount, Ceiling Mount, 1/2" NPT Mount. (Please choose the most suitable installation method for the purchased product as per your needs)**



As for the wire color of DIM+, DIM-, and AUX+ please check the light label.

DESCRIPTION:

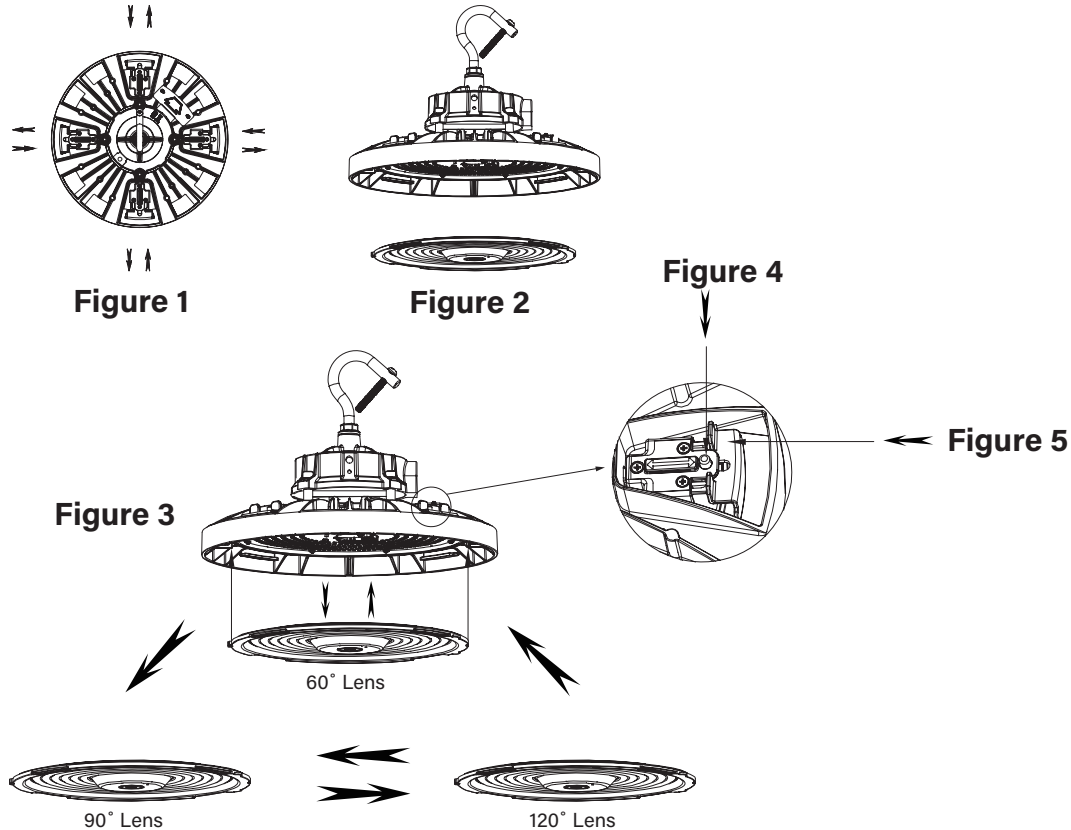
This product is 0/1-10V dimming, below dimmers are recommended:

Brand	Model
LUTRON	NTSTV-DV
LEVITON	DS710-10Z / IP710
LEGRAND	RH4FBL3PW

INSTALLATION INSTRUCTIONS

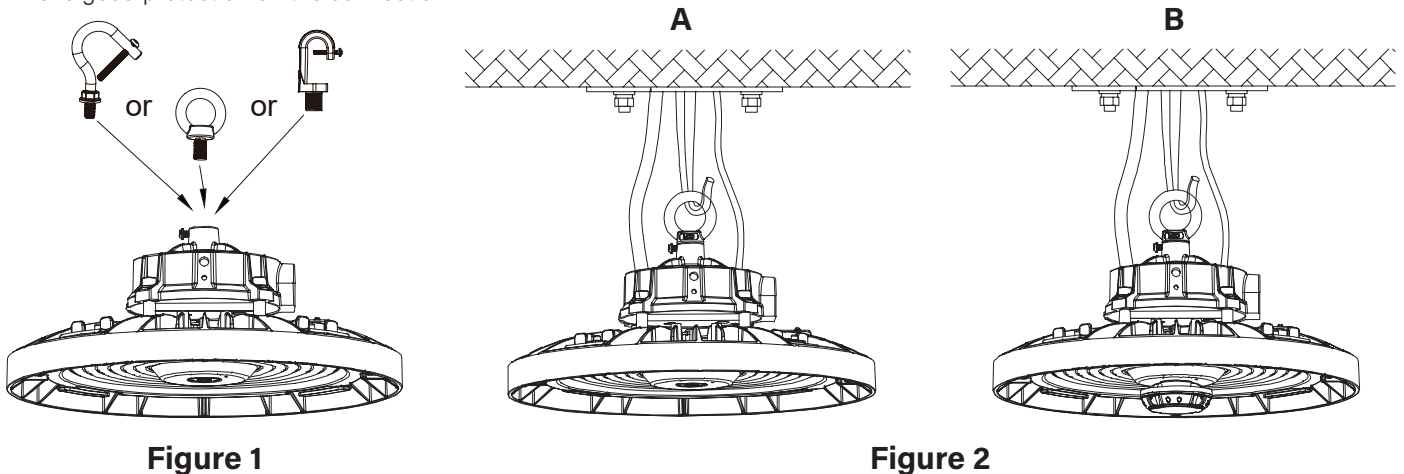
OPTIC SWAP

1. Pull out on all 4 latches (Figure 1) to unlock the lens and allow removal.
2. Remove current lens (Figure 2) and replace with Lens with desired beam angle. Align the grooves of the lens with the locating posts of the heatsink (Figure 15).
3. Align the grooves of the new lens with the locating posts of the heatsink and Ensure the lens sits flat on the fixture. (Figure 3)
4. After the lens is put in place, press down on the button in the middle of the snap (Figure 4), after the snap is reset, push the latch completely closed by hand and ensure all 4 latches are fully seated. (Figure 5) Fixture is now ready to be installed.



HOOK MOUNT

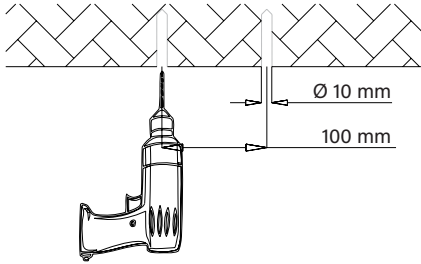
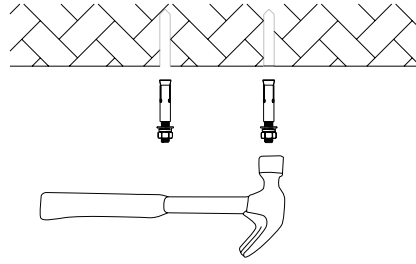
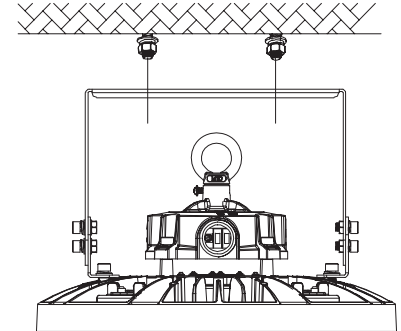
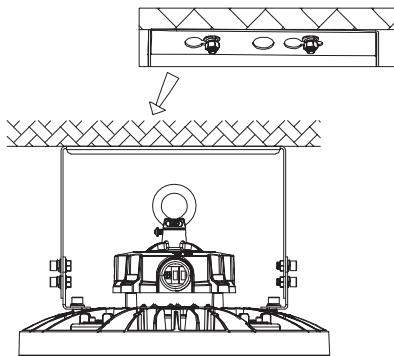
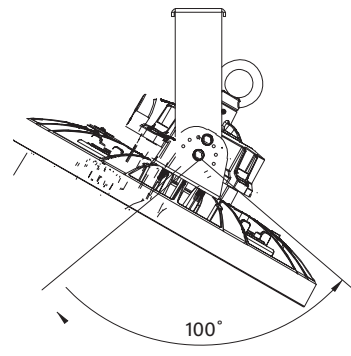
1. Screw the hook into the fixture. Tighten and fix it. (Figure 1)
2. Hang the fixture on the ceiling hook or chain. (Figure 2)
3. After installation, connect the wire of the fixture to the mains according to the local wiring rules, ensure the connection is stable and make good protection on the connection.



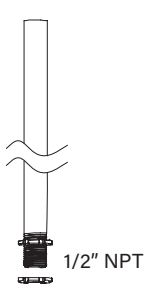
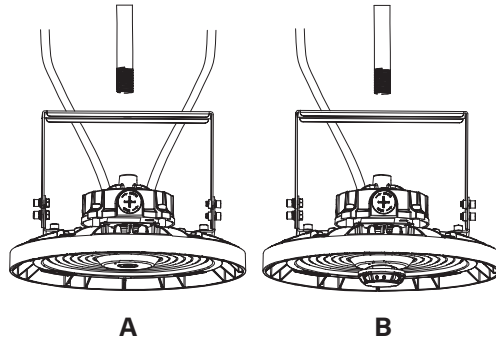
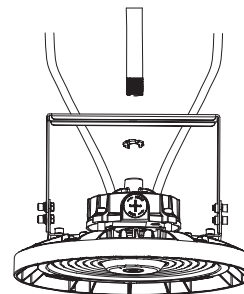
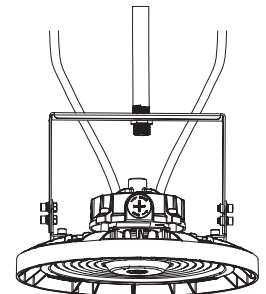
(Installation Instructions continued on next page)

INSTALLATION INSTRUCTIONS (CONTINUED)**CEILING MOUNT**

1. Mark with a mark pen or sharp tool on the mounting surface and drill. (Figure 3).
2. Fix screw into the hole with a hammer. (Figure 4)
3. Align the bracket hole with screw hole(Figure 5) and push the fixture to one side(Figure 6) and fix it.
4. After installation, connect the wire of the fixture to the mains according to local wiring rules,ensure the connection is stable and make good protection on connection.By adjusting the brackets screws,user can adjust 50° to the left or right vertically. (Figure 7)

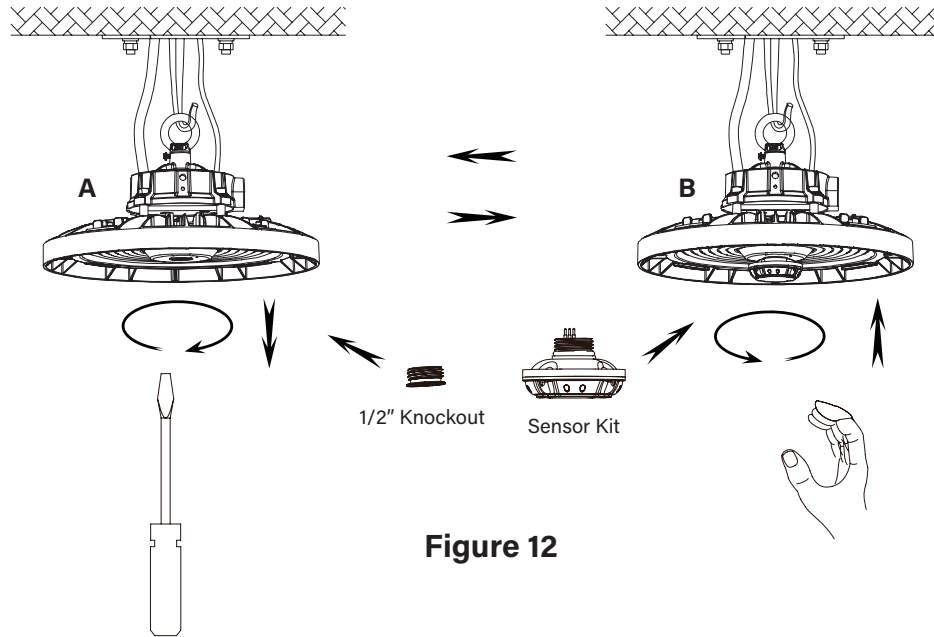
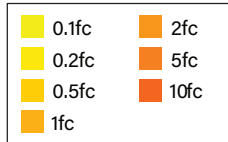
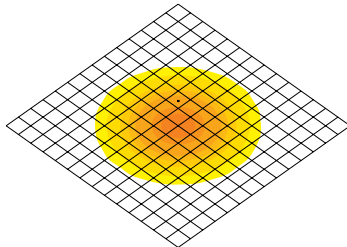
**Figure 3****Figure 4****Figure 5****Figure 6****Figure 7****1/2" NPT MOUNT**

1. Unscrew the nuts on 1/2" NTP. (Figure8)
2. Insert 1/2" NTP stem into the bracket hole. (Figure9)
3. Re-screw the nuts. (Figure10)
4. After installation, connect the wire of the fixture to the mains according to local wiring rules,ensure the connection is stable and make good protection on connection.By adjusting the brackets screws,user can adjust 50° to the left or right vertically. (Figure11)

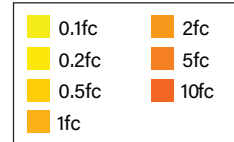
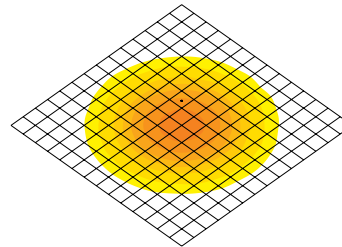
**Figure 8****Figure 9****Figure 10****Figure 11**

INSTALLATION INSTRUCTIONS (CONTINUED)**INSTALLATION OF DC MOTION SENSOR**

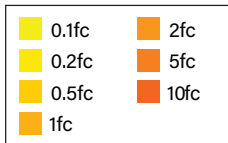
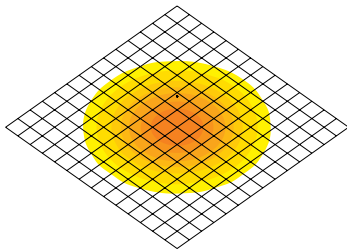
Figure 12. If fixture has sensor receptacle installed, screw the 1/2" Knockout out with screw driver by illustrated direction, and screw the sensor kit on. The sensor is set as universal mode(refer to sensor spec sheet), the setting is programmable via remote control(the remote control is not included in standard packing).

**Figure 12****PHOTOMETRICS****PHOTOMETRICS (KT-RHLED100PS-12CD-OSD-8CSB-VDIM-P, KT-RHLED100PS-12CD-OSD-8CSB-VDIM-P-W)****90 DEGREE LENS****PHOTOMETRICS**

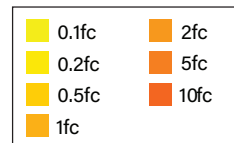
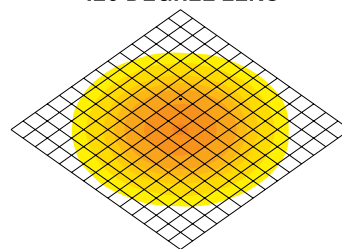
· 100W 5000K 90° at 20'
Mounting Height

120 DEGREE LENS**PHOTOMETRICS**

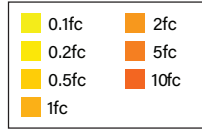
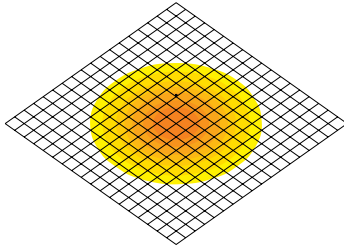
· 100W 5000K 120° at 20'
Mounting Height

PHOTOMETRICS (KT-RHLED150PS-12CD-OSD-8CSB-VDIM-P, KT-RHLED150PS-12CD-OSD-8CSB-VDIM-P-W)**90 DEGREE LENS****PHOTOMETRICS**

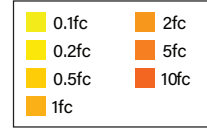
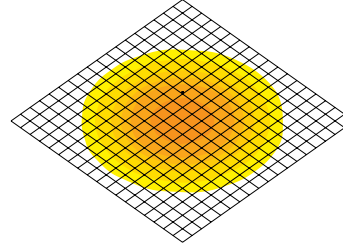
· 150W 5000K 90° at 25'
Mounting Height

120 DEGREE LENS**PHOTOMETRICS**

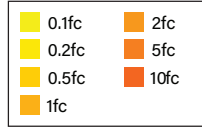
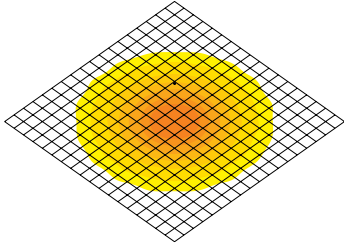
· 150W 5000K 120° at 25'
Mounting Height

INSTALLATION INSTRUCTIONS (CONTINUED)**PHOTOMETRICS CONTINUED****PHOTOMETRICS (KT-RHLED200PS-14CD-OSD-8CSB-VDIM-P, KT-RHLED200PS-14CD-OSD-8CSB-VDIM-P-W)****90 DEGREE LENS****PHOTOMETRICS**

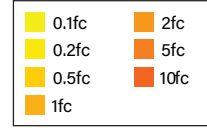
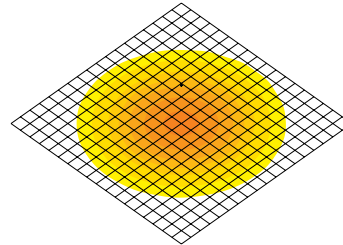
· 200W 5000K 90° at 30'
 Mounting Height

120 DEGREE LENS**PHOTOMETRICS**

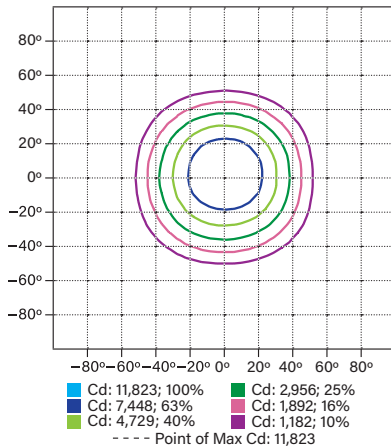
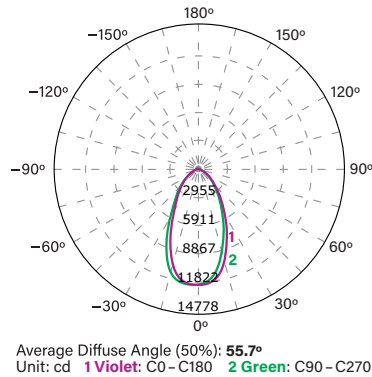
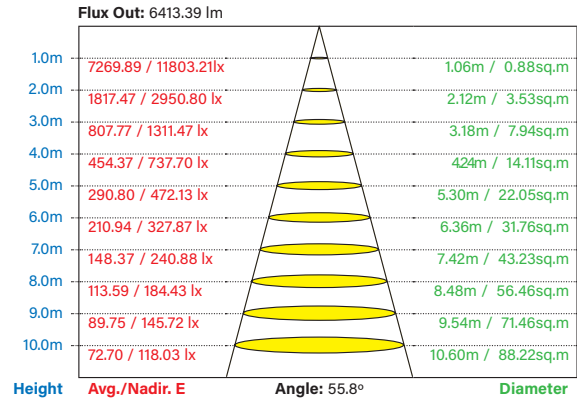
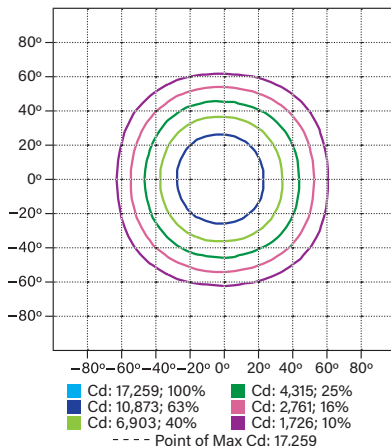
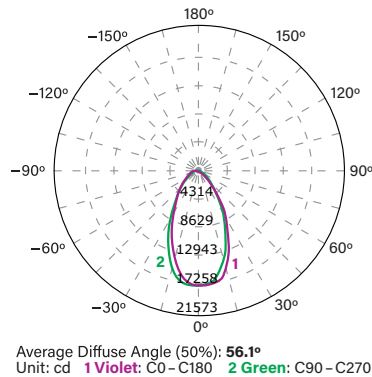
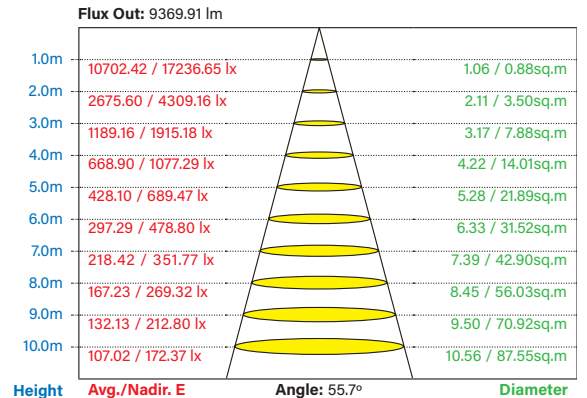
· 200W 5000K 120° at 30'
 Mounting Height

PHOTOMETRICS (KT-RHLED240PS-14CD-OSD-8CSB-VDIM-P)**90 DEGREE LENS****PHOTOMETRICS**

· 240W 5000K 60° at 40'
 Mounting Height

120 DEGREE LENS**PHOTOMETRICS**

· 240W 5000K 90° at 40'
 Mounting Height

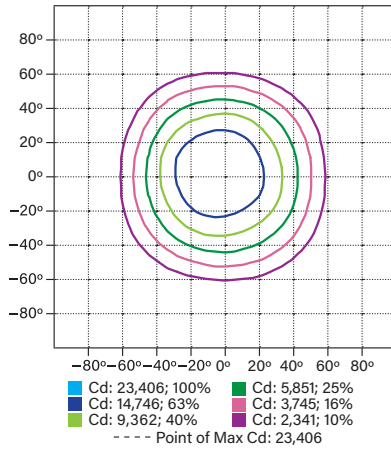
PHOTOMETRIC SPECIFICATIONS (KT-RHLED100PS-12CD-OSD-8CSB-VDIM-P, KT-RHLED100PS-12CD-OSD-8CSB-VDIM-P-W)**ISOCANDELA PLOT****POLAR CANDELA DISTRIBUTION****AVERAGE ILLUMINANCE EFFECTIVE FIGURE****PHOTOMETRIC SPECIFICATIONS (KT-RHLED150PS-12CD-OSD-8CSB-VDIM-P, KT-RHLED150PS-12CD-OSD-8CSB-VDIM-P-W)****ISOCANDELA PLOT****POLAR CANDELA DISTRIBUTION****AVERAGE ILLUMINANCE EFFECTIVE FIGURE**

INSTALLATION INSTRUCTIONS (CONTINUED)

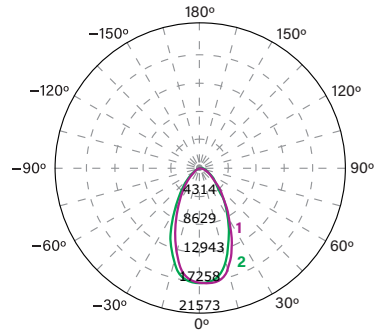
PHOTOMETRICS CONTINUED

PHOTOMETRIC SPECIFICATIONS (KT-RHLED200PS-14CD-OSD-8CSB-VDIM-P, KT-RHLED200PS-14CD-OSD-8CSB-VDIM-P-W)

ISOCANDELA PLOT

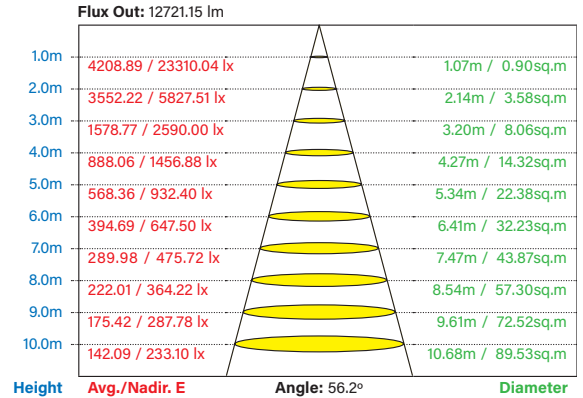


POLAR CANDELA DISTRIBUTION



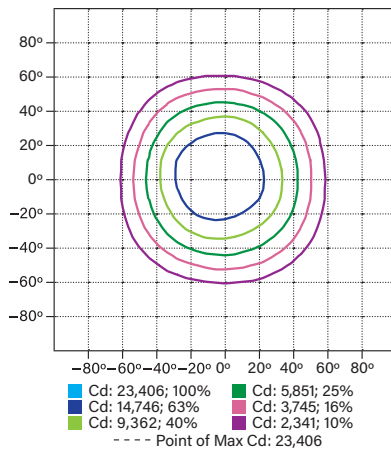
Average Diffuse Angle (50%): **56.1°**
Unit: cd **1 Violet:** C0 - C180 **2 Green:** C90 - C270

AVERAGE ILLUMINANCE EFFECTIVE FIGURE

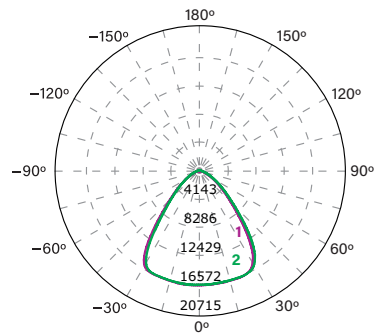


PHOTOMETRIC SPECIFICATIONS (KT-RHLED240PS-14CD-OSE-8CSB-VDIM-P)

ISOCANDELA PLOT

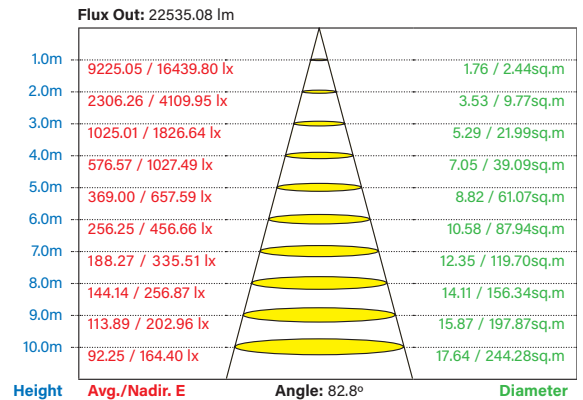


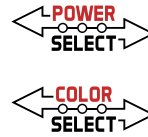
POLAR CANDELA DISTRIBUTION



Average Diffuse Angle (50%): **83.0°**
Unit: cd **1 Violet:** C0 - C180 **2 Green:** C90 - C270

AVERAGE ILLUMINANCE EFFECTIVE FIGURE





ROUND LED HIGH BAY FIXTURE

ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	Easy Code
KT-RHLED100PS-12CD-OSD-8CSB-VDIM-P	1	843654160726	OBS-40
KT-RHLED100PS-12CD-OSD-8CSB-VDIM-P-W	1	843654160719	AIE-66
KT-RHLED150PS-12CD-OSD-8CSB-VDIM-P	1	843654160740	ICO-54
KT-RHLED150PS-12CD-OSD-8CSB-VDIM-P-W	1	843654160733	GQB-26
KT-RHLED200PS-14CD-OSD-8CSB-VDIM-P	1	843654160764	HLP-79
KT-RHLED200PS-14CD-OSD-8CSB-VDIM-P-W	1	843654160757	JGG-50
KT-RHLED240PS-14CD-OSD-8CSB-VDIM-P	1	843654160771	OKJ-81
KT-RHLED200PSHV-14CD-OSD-8CSB-VDIM-P	1	843654160788	BXY-27

ACCESSORIES

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-RHLED-5CC-1-F-KIT	Canopy Cover Feed Kit for Round Highbay J-Box Mount 5" Round White Includes 5ft aircraft cable with adjustable gripper and Hook End. (1)5" canopy cover with Dual Feeds and strain reliefs, & additional hardware.	843654165677	CBD-33
KT-RHLED-5CC-1-F-KIT-B	Canopy Cover Feed Kit for Round Highbay J-Box Mount 5" Round Black Includes 5ft aircraft cable with adjustable gripper and Hook End. (1)5" canopy cover with Dual Feeds and strain reliefs, & additional hardware.	843654165684	ERB-06