Save The Environment
KRUT LED
Save Power
TM

Commercial &
Industrial Lighting

# LED ROUND HIGH BAY

130W - 180W - 210W

# ROUND HIGHBAY

# KLHV-W-XK-D

## DESCRIPTION:

This is indutrial looking fixture is a best replacement for 400W MH/HPS to 1000W MH/HPS fixtures. It cpmes with I hook for easy hanging on the hook. External motion sensor can be added, and these fixtures are dimmable. Used in manufacturing facility, warehouses, garages, high ceiling and open ceiling stroes, retail locationa, grocery stores and gymnasiums. these fixtures are coming woth tempered glass reflector makes them fit to be used in any enviornment.

## APPLICATIONS:

Cement & steel plants, Warehouses, Factories & assembly lines.
Industrial spaces.

IP65

## SPECIFICATION FEATURES

**CONTROLS:**

0-10V Dimmable

**CERTIFICATION:**

UL - DLC

**WARRANTY:**

5 Yrs Warranty

**INSTALLATION / MOUNTING:**

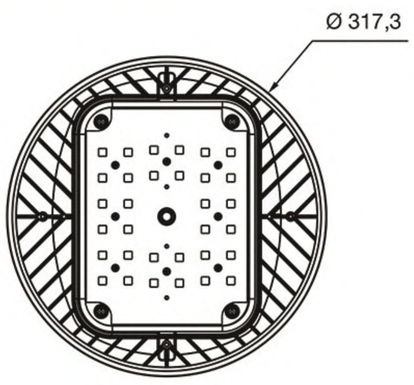
Suspended Mounting

## ORDER INFORMATION

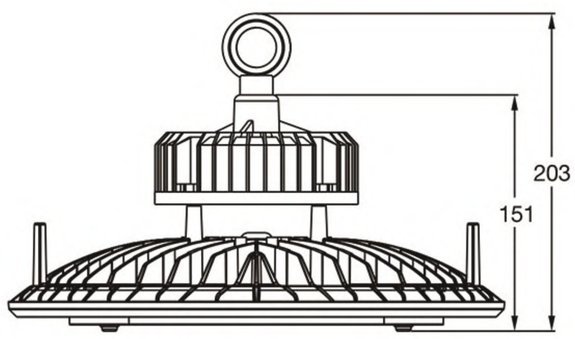
**Product code: KLHV-W-XK-D**

| KL | HV | WATTAGE | CCT | D |
|---|---|---|---|---|
| KL | HV | 130 W<br>180 W<br>210 W | 4K: 4000K<br>5K: 5000K | Dimmable |

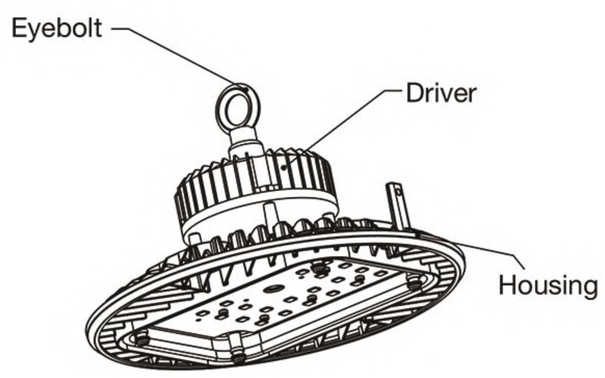
## PRODUCT DIMENSIONS



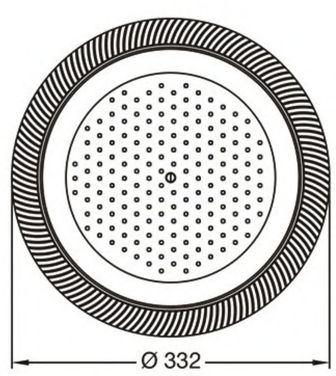

Top View



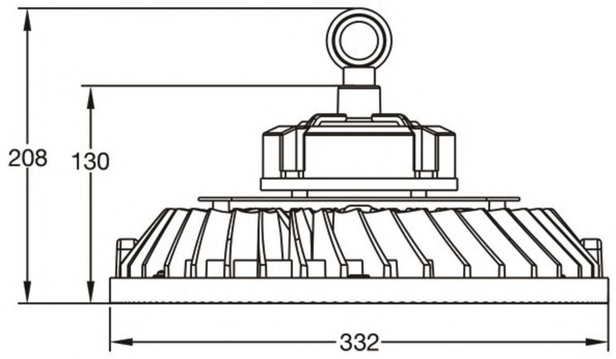

First View



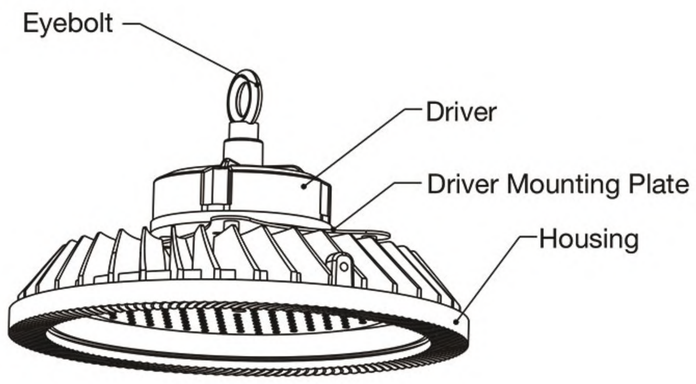

Dimensions: Diameter: 317.3mm, Height: 203 mm, ± 5mm




Top View




First View




Dimensions: Diameter: 332mm, Height: 130 mm, ± 5mm

**Krut LED LLC** - 111 Preamble Ct, Anderson, SC-29621 - Ph: 864-401-8156
Website: www.krutled.com - Email: sales@krutled.com

# ROUND HIGHBAY

# KLHV-W-XK-D

## LIGHTING PARAMETERS

| Product Code | KLHV-130W-5K-D | KLHV-180W-5K-D | KLHV-210W-5K-D |
|---|---|---|---|
| Input Voltage | 120 VAC, 50/60HZ | 120 VAC, 50/60HZ | 120 V AC; 50/60Hz |
| Power (W) | 130 W | 180 W | 210 W |
| Luminous Fulx (LM) | 17891 LM | 23492 LM | 30662 LM |
| Color Temperature (CCT) | 5000K | 5000K | 5000K |
| CRI | >80 Ra | >80 Ra | >80 Ra |
| Luminous Efficacy (lm/w) | 136 lm/w | 128 lm/w | 144 lm/w |
| Power Factor | >0.95 | >0.95 | >0.95 |
| Beam Angle | 119.4$^0$ | 114.4$^0$ | 113.4$^0$ |
| IP Rating | IP 65 | IP 65 | IP 65 |
| THD | <10% | <10% | <10% |
| Life of Product (L70) | 50000 Hrs | 50000 Hrs | 50000 Hrs |
| No. of LED | 336 | 546 | 468 |
| Surge Protection (KV) | 4KV | 4KV | 4KV |
| Operating Temperature | + 50$^0$ C | + 50$^0$ C | + 50$^0$ C |
| Dimmable | Yes | Yes | Yes |
| Certification | UL - DLC | UL - DLC | UL - DLC |

## DRIVER DETAILS

- Driver output voltage range (V) - 90-130V
- Driver output current range (A) - 0.92-1.0A
- Input Frequency - 50/60HZ
- Driver Efficiency - 93%

## PRODUCT FEATURES

- Better Lumens & Longer Lamp Life.
- Environment Friendly as It does not Contain Mercury.
- Life Span L70: 50,000 Hours.
- Operating Temperature: +50° C.
- Housing: Powder Coated, ADC 12 Pressure Die Casting.
- Diffuse: Toughened Glass.
- Driver Type : Built-in (Fitted over housing).

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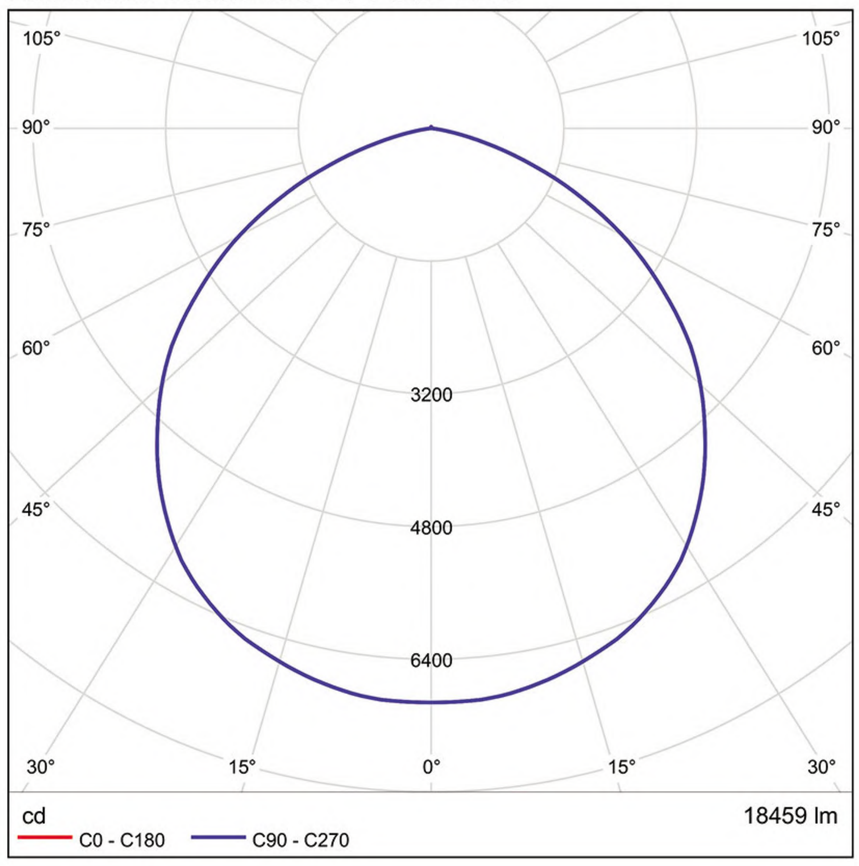
# KLHV-W-XK-D

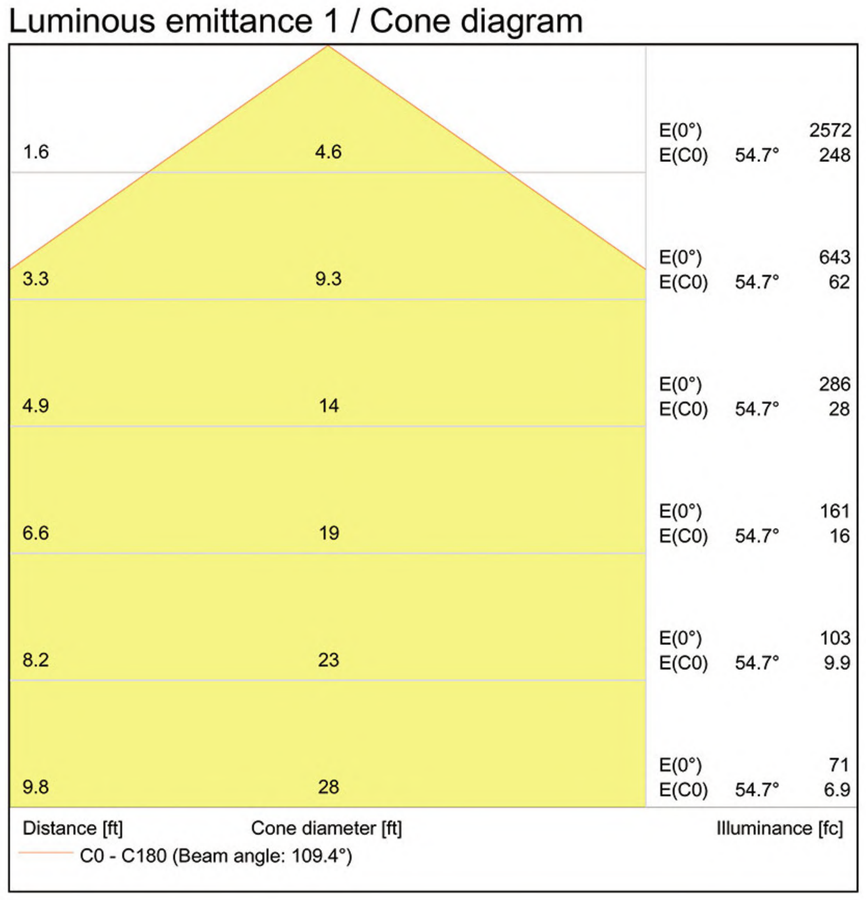
## PHOTOMETRIC TEST REPORTS

### KLHV-130W-5K-D

Luminous emittance 1 / Polar LDC

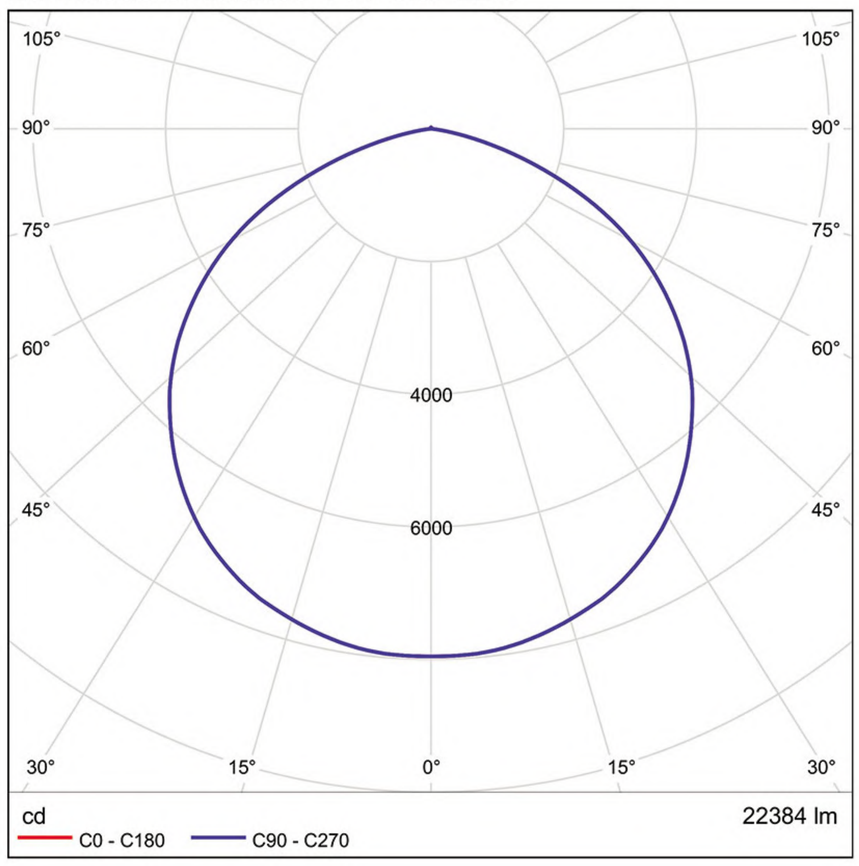



Luminous emittance 1 / Cone diagram

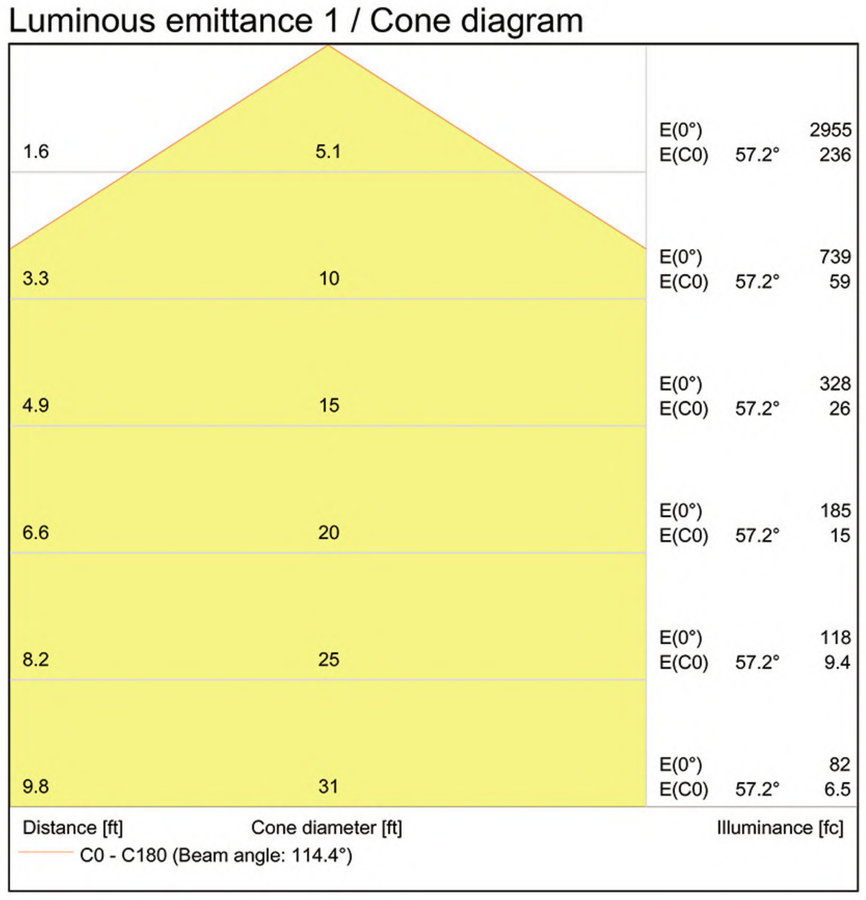



### KLHV-180W-5K-D

Luminous emittance 1 / Polar LDC

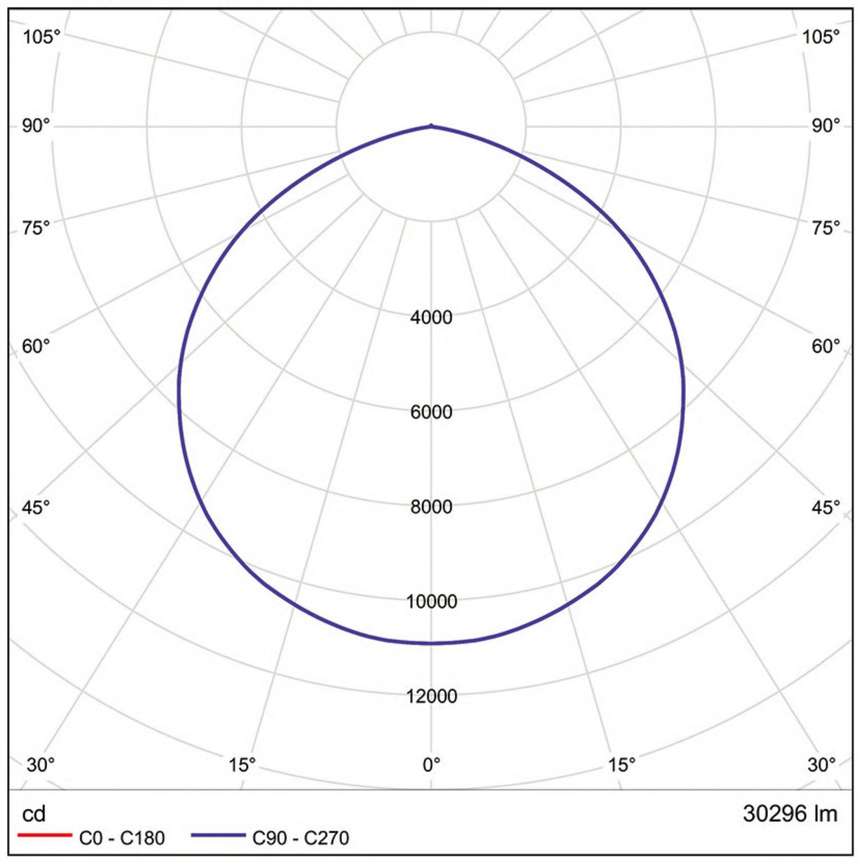



Luminous emittance 1 / Cone diagram

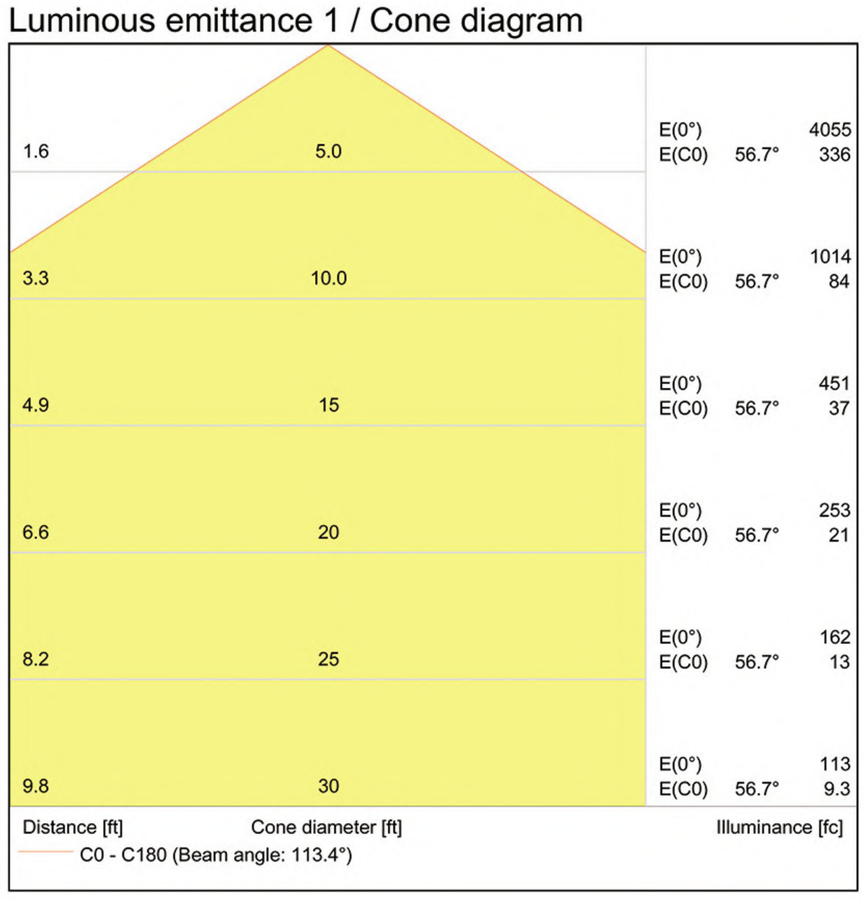



### KLHV-210W-5K-D

Luminous emittance 1 / Polar LDC




Luminous emittance 1 / Cone diagram

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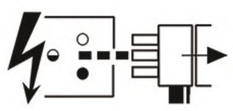
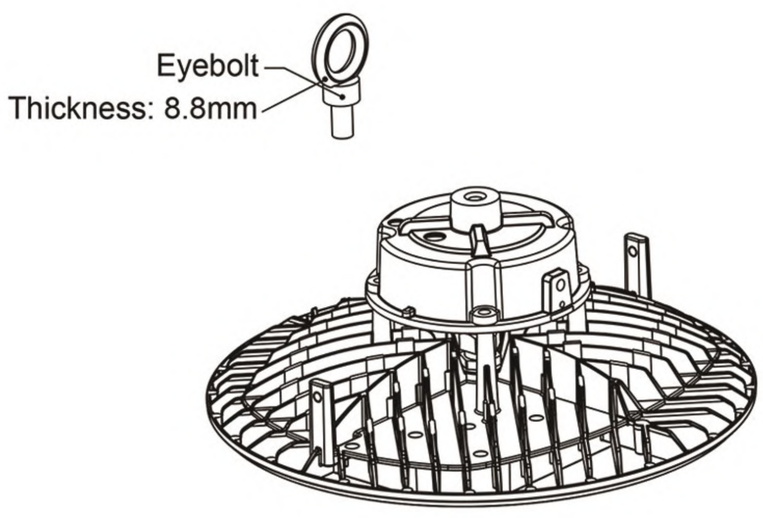
## INSTALLATION INSTRUCTION

### IMPORTANT:



1. Isolate from the mains supply before installation and any maintenance
2. Installation and Maintenance by Qualified & Authorized Person Only.
3. 120 V~, 50 Hz/60 Hz

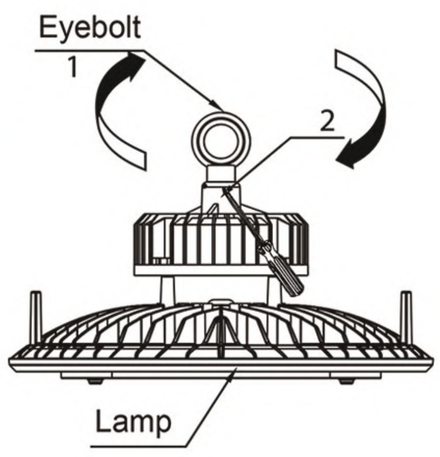
① 



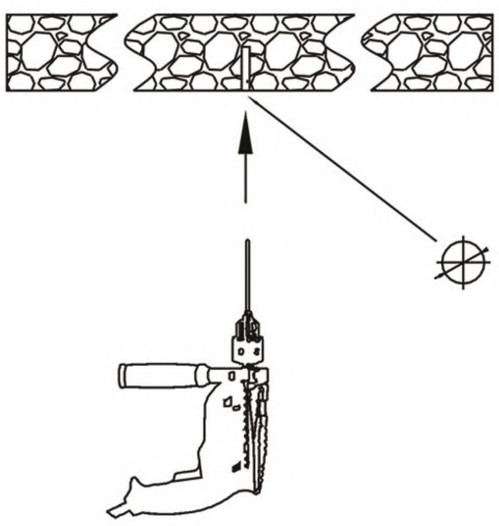

Open the package, there are two parts inside.

② 

1. S ewing the eyebolt into the hole at the top of the luminaire.
2. Tighten the eye-bolt with screwdriver.

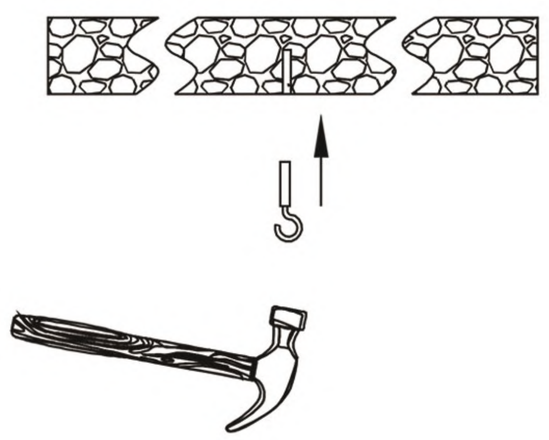



③ 



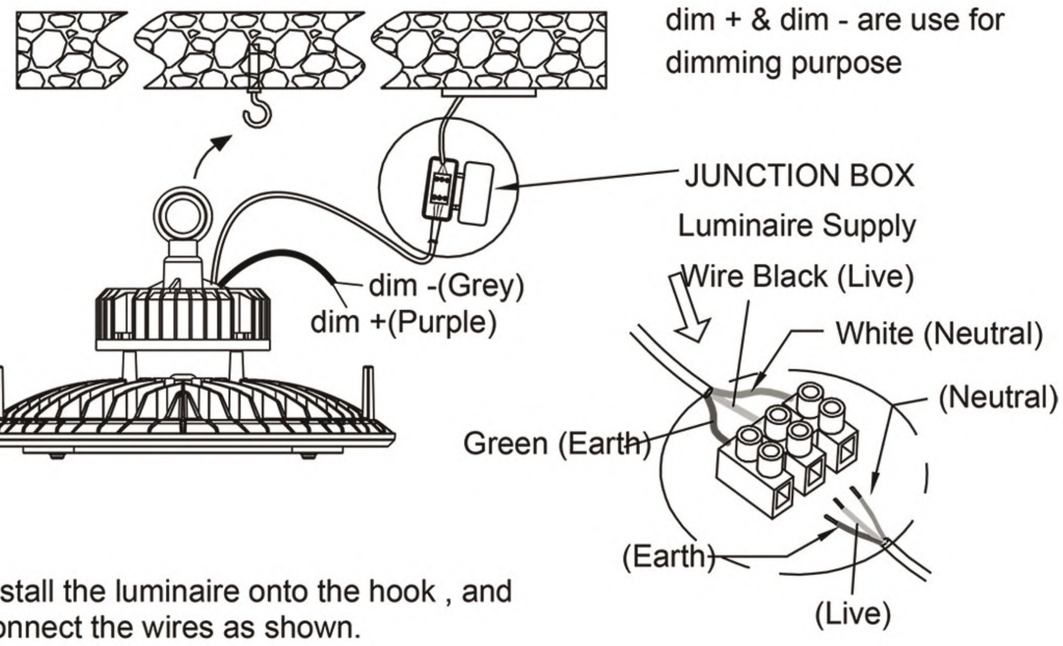
Drill a hole in ceiling.

④ 



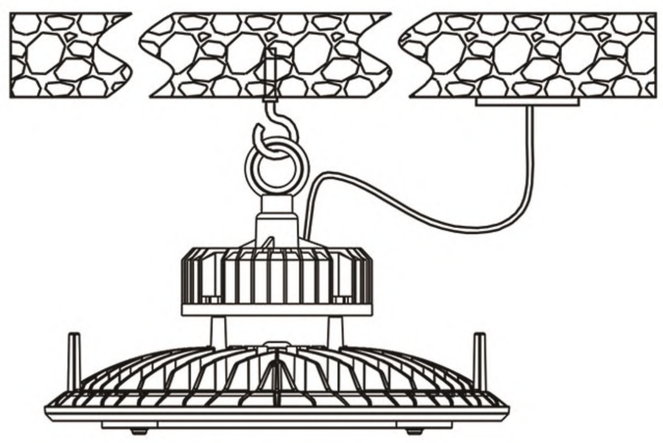
Put the J hook into the hole.

⑤ 




Install the luminaire onto the hook , and connect the wires as shown.

⑥ 



Installation is done.

*Disclaimer : Pictures shown above are for reference purpose only and may change without any notice.

Junction Box & J Hook NOT A PART OF LUMINAIRE.

For dimming connections, Remove heat shrinkable sleeve from dimming wires.

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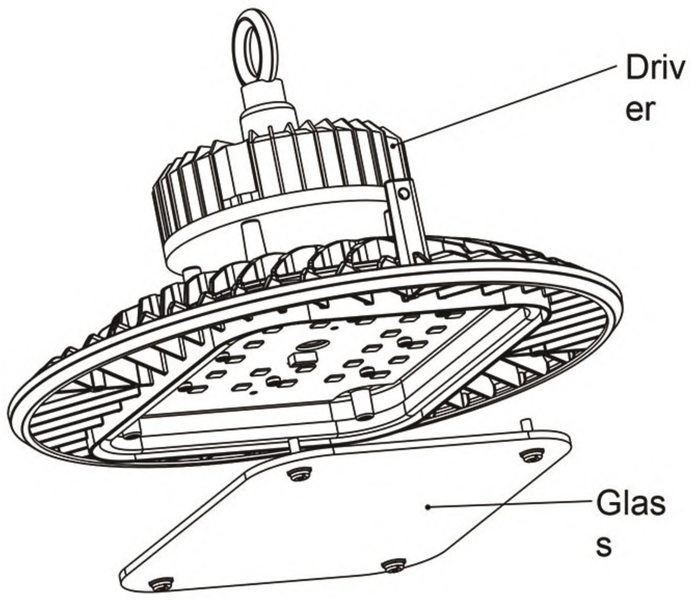
# KLHV-W-XK-D

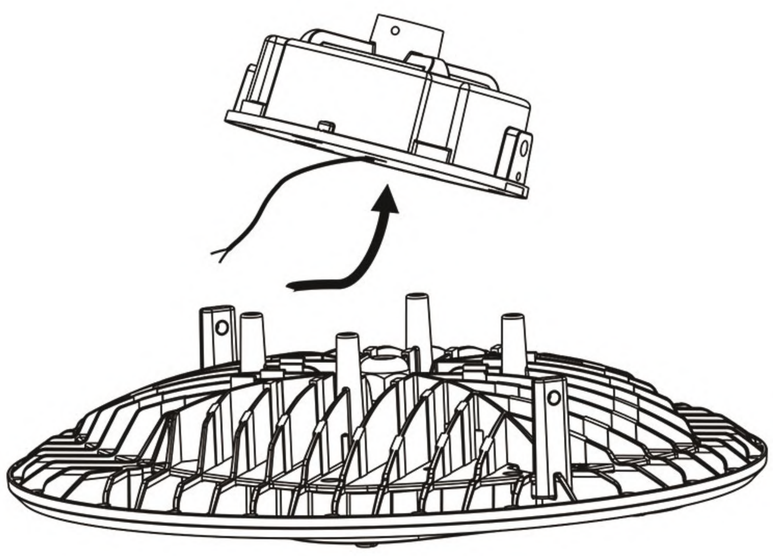
## DRIVER SERVICE INSTRUCTION SHEET

1




First unscrew the glass screws and then driver screws, remove the glass and disconnect the driver from the LED PCB.

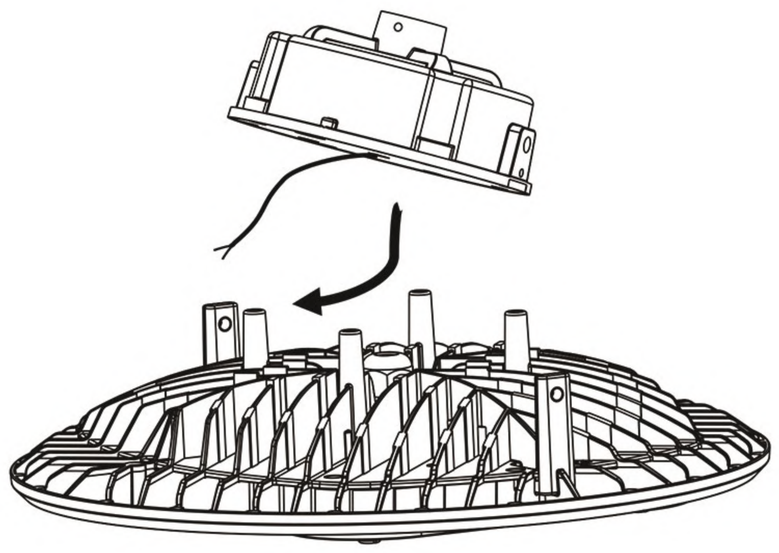
2




Remove the faulty driver.

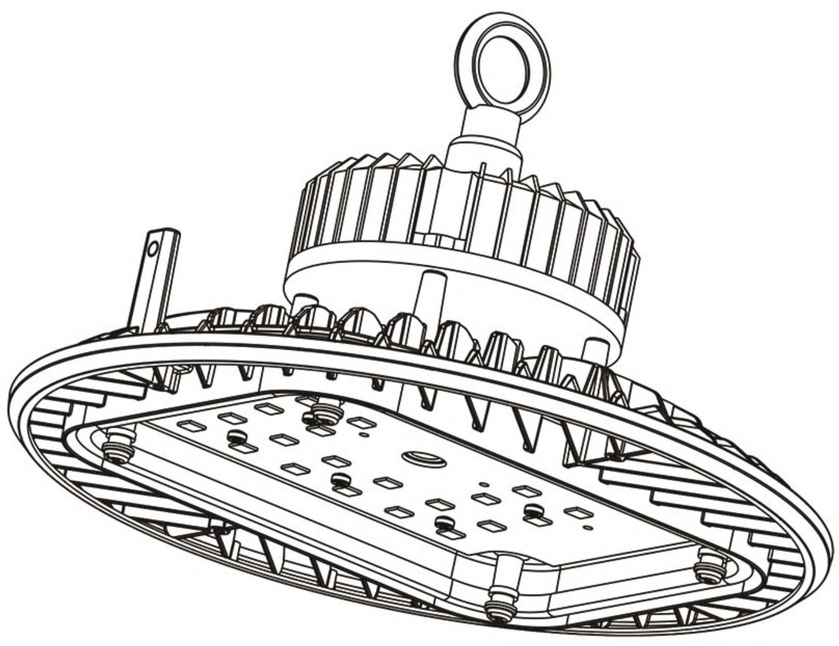
Ensure to loosen the gland Nut and remove the cable.

3



Replace the New driver and make connections with the LED PCB and ensure cable entry is done via cable gland mount the Eye bolt and screw onto the Driver as shown in previous page.

4



Mount the driver back to its original position and screw the glass

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