RAYCOS LIGHTING

PROJECT NAME _____ DATE _____

NOTE _____

BOLD HIGH BAY SERIES

BOLD 300 W HIGH BAY

SELECTABLE POWER + COLOR



LENGTH 4 FT

POWER 300 / 225 / 165 W

OUTPUT 40,500 LM @ 300 W

COLOR 3500 / 4000 / 5000 K

ETL LISTED | DAMP LOCATION | SENSOR BASE READY

Intertek 5000444

APPLICATION

WAREHOUSE + INDUSTRIAL



PRODUCT FEATURES

HIGH EFFICIENCY

- 300 / 225 / 165 W selectable power
- 3500 / 4000 / 5000 K selectable color
- Up to 140 lm/W; CRI >80; PF >0.9; THD <20%
- 0-10v dimming and universal 120-277 V input
- 50,000-hour rated life (L70)
- 110-degree beam angle
- Motion sensor and emergency backup available

ORDERING GUIDE

BOLD 4 FT CONFIGURATION

Model	Selectable Power	Selectable CCT	Max Output	Efficiency	Input	Dimming
BOLD-LHB5-4FT300W-TCP	300 / 225 / 165 W	3500 / 4000 / 5000 K	40,500 lm @ 300 W	Up to 140 lm/W	120-277 VAC	0-10 V

BEAM 110 DEG

TEMPERATURE -10 F TO 110 F

CRI / PF >80 / >0.9

THD <20%

WARRANTY 5 YEARS

FEATURE DETAILS

DURABLE + EFFICIENT

- Ideal replacement for HID warehouse lighting
- Steel housing with a white powder-coated finish
- Aluminum heatsink for efficient heat dissipation
- Impact-modified acrylic diffusers for increased durability
- Lightweight module design for easier handling
- Long operating life: up to 50,000 hours (L70)
- Ambient operating temperature: -10 F to 110 F
- High-performance driver with 0-10 V dimming

MOUNTING + OPTIONS

FIELD FLEXIBILITY

MOUNTING METHODS

- Chain mounting
- Pendant mounting
- V-hook mounting

AVAILABLE OPTIONS

- Sensor base ready
- Motion sensor available
- Emergency backup available
- ETL listed for damp locations

RAYCOS LIGHTING

PROJECT NAME _____ DATE _____

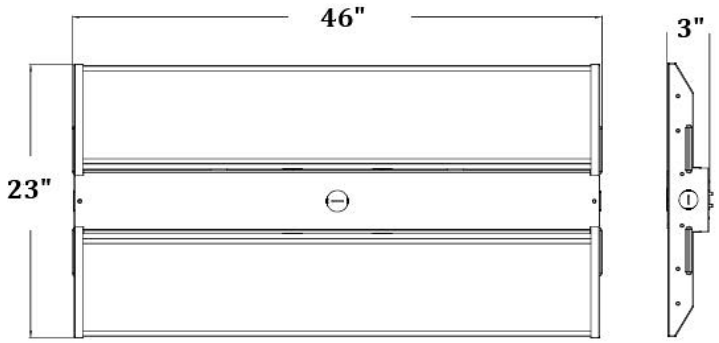
NOTE _____

BOLD HIGH BAY SERIES

DIMENSIONS & PHOTOMETRICS

FIXTURE DIMENSIONS

46 IN x 23 IN x 3 IN



OPERATING DATA

SELECTABLE OUTPUT LEVELS

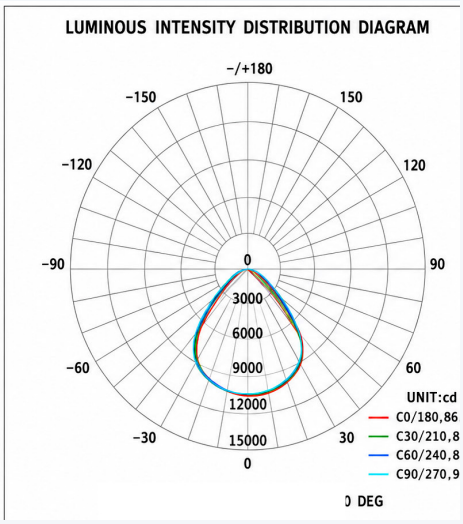
Power	Luminous Flux	Efficacy	Selectable CCT	Input	CRI / PF	Control
300 W	40,500 lm	135 lm/W	3500 / 4000 / 5000 K	120-277 VAC	>80 / >0.9	0-10 V
225 W	31,500 lm	140 lm/W	3500 / 4000 / 5000 K	120-277 VAC	>80 / >0.9	0-10 V
165 W	23,100 lm	140 lm/W	3500 / 4000 / 5000 K	120-277 VAC	>80 / >0.9	0-10 V

Up to 140 lm/W efficiency. ETL listed for damp locations. THD <20%. Five-year warranty.

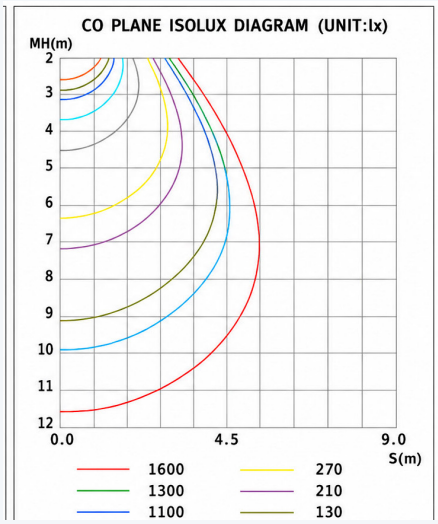
PHOTOMETRIC REPORT

POLAR DISTRIBUTION + ISOLUX

LUMINOUS INTENSITY



C0 PLANE ISOLUX



Photometric plots reproduced from the supplied testing report.

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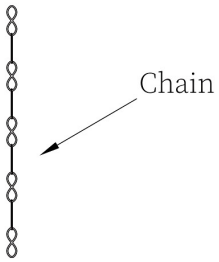
BOLD HIGH BAY INSTALLATION

CHAIN MOUNT INSTALLATION

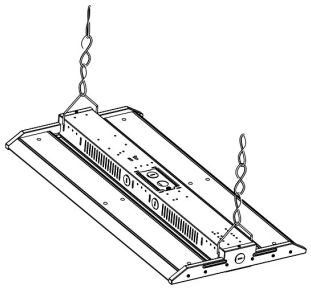
INSTALLATION SEQUENCE

CHAIN + V-HOOK

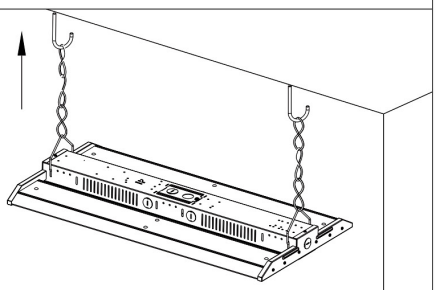
1.Hook the chain as below pic.



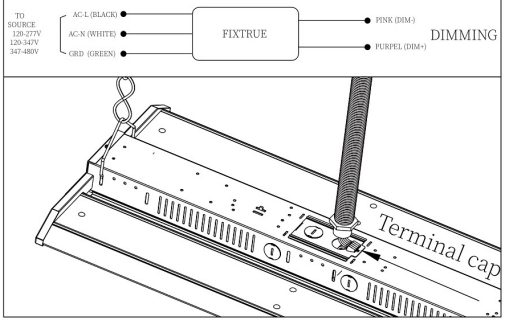
2.Insert the hook into the slotted holes, as shown below.



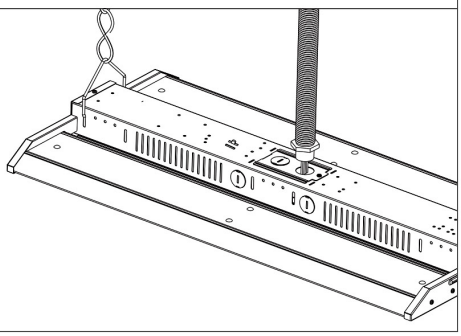
3.Hook up the chain on the ceiling anchor.



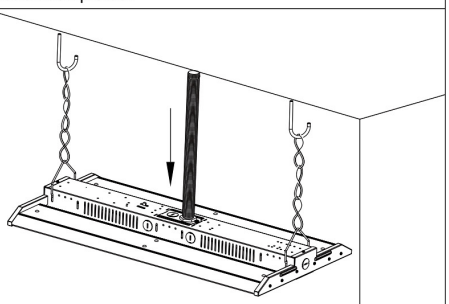
4.Turn off power,and make wiring connections with terminal cap(see wiring instrucion below).



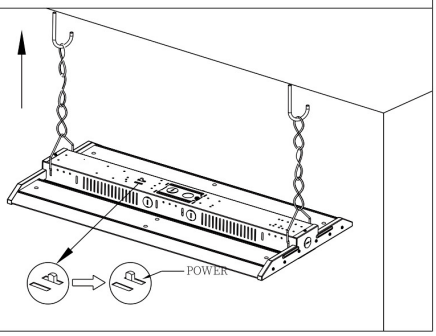
5.Insert the terminal cap and wires into the driver box.



6.Insert the wire terminal joint to the wire entry. Installation completed.



7.CCT/Power Changing.



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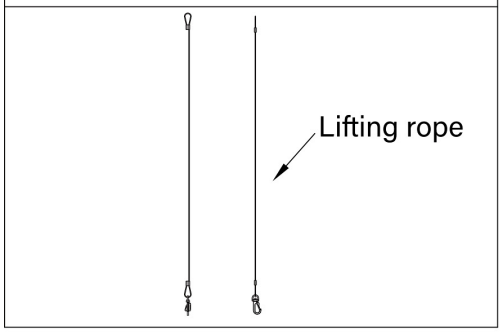
BOLD HIGH BAY INSTALLATION

LIFTING ROPE INSTALLATION

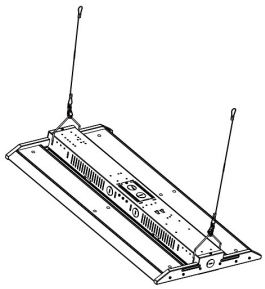
INSTALLATION SEQUENCE

SUSPENDED MOUNT

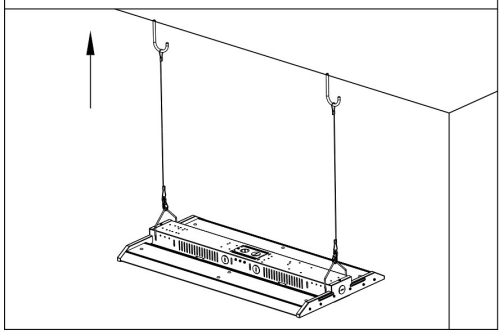
1.The hanging rope is shown below.



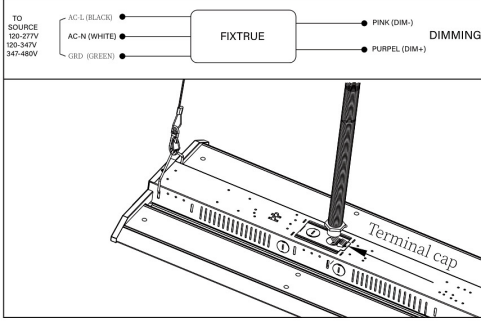
2.Insert the hook into the slotted holes, as shown below.



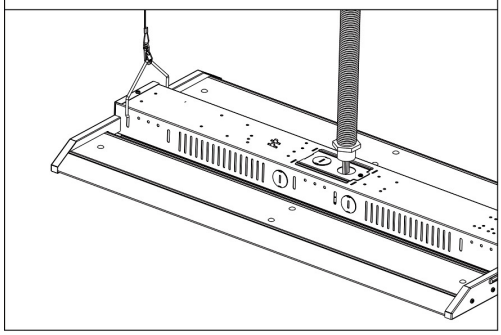
3.Hook the other end of Lifting rope to the ceiling anchor.



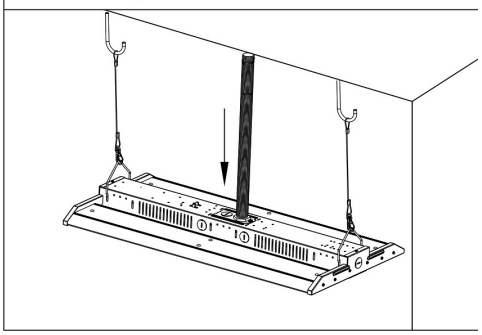
4.Turn off power,and make wiring connections with terminal cap(see wiring instrucion below).



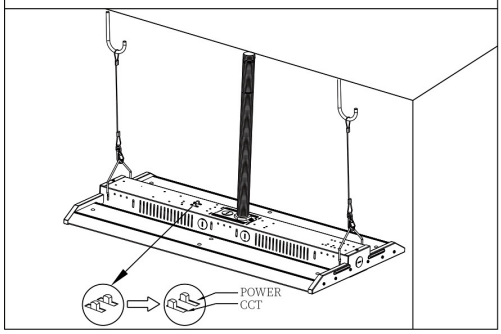
5.Insert the terminal cap and wires into the driver box.



6.Insert the wire terminal joint to the wire entry. Installation completed.



7.CCT/Power Changing.



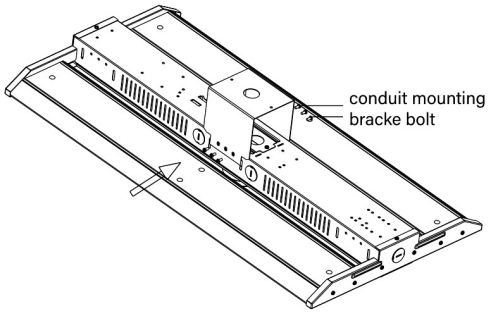
BOLD HIGH BAY INSTALLATION

POLE MOUNT INSTALLATION

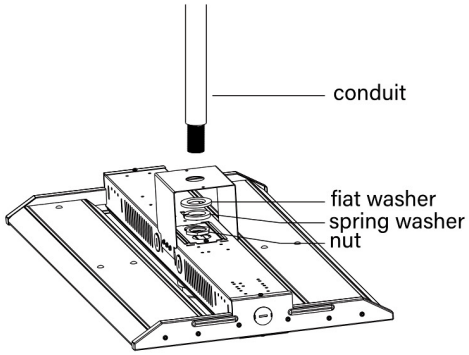
INSTALLATION SEQUENCE

CONDUIT / PENDANT MOUNT

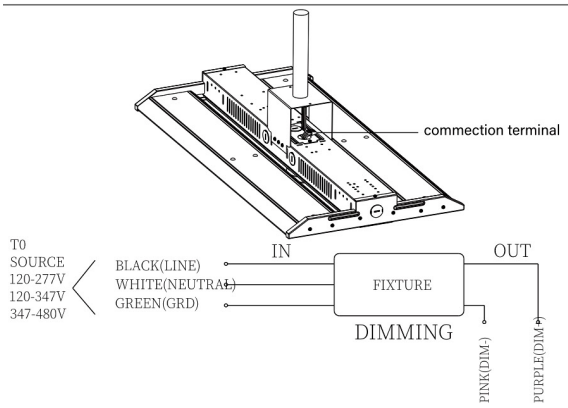
Screw the conduit mounting bracket to the fixture.



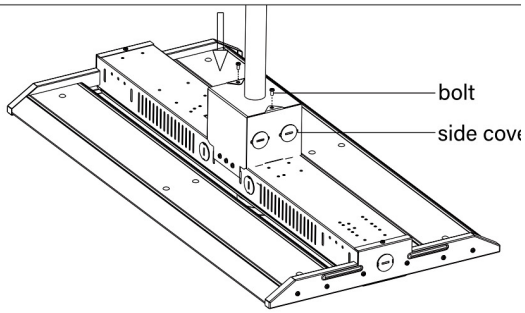
2.Lock the conduit with flat washer+ spring washer+nut on the mounting bracket.



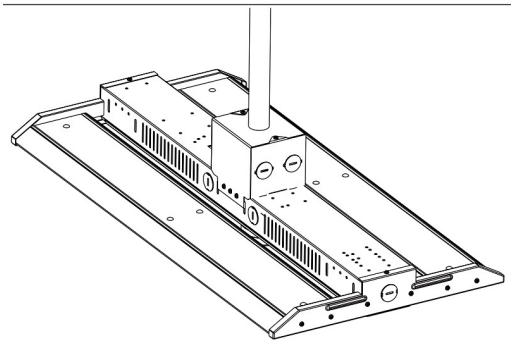
Wiring according to the circuit diagram.



4.Screw the side covers to conduit mounting bracket.



Pole Mounting installed.



6.CCT/Power Changing.

