LED Retail Series High Bay
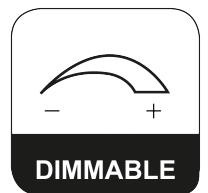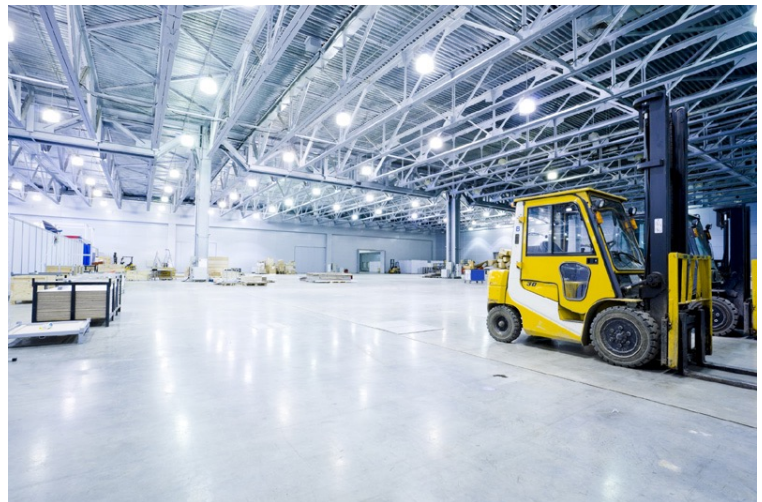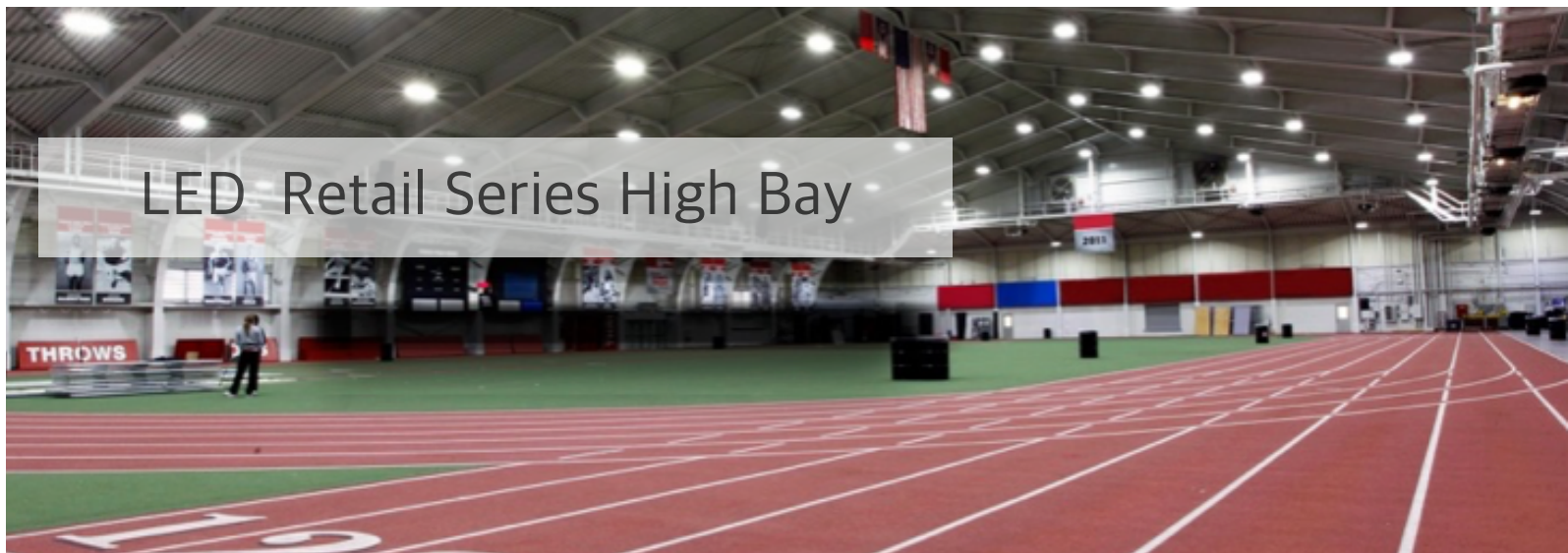
5 YEARS WARRANTY
5
IP44
UL
DLC QPL LISTED
DIMMABLE

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Specifications

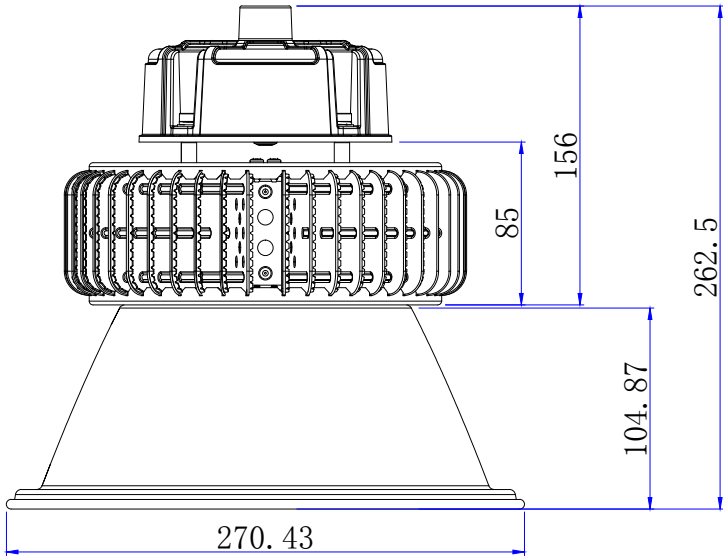| DLC #	U-IHB-100	U-IHB-150	U-IHB-240
DLC Partner	Ultron Industries		
Input Wattage	100W	150W	240W
Replacement Wattage	400W	600W	1000W
Input Voltage Range	120-277V		
Delivered Lumens	11800 lm	17500 lm	25000 lm
Lumen Efficiency	118LM/W	116LM/W	104LM/W
Color Rendering Index (CRI)	70+		
Color Temperature (Kelvin)	3000K-5700K		
Beam Angle	100° / 60° / 25°		
Power Factor	0.99		
Frequency	50/60Hz		
MAX THD (%)	15		
Min. Ambient Temp	-30.0°F / -34.4°C		
Max. Ambient Temp	130.0°F / 48.9°C		
IP Rating	IP44		
Dimming Compatible	3 in 1 dimming function (1~10Vdc or PWM signal or resistance)		
Product Weight	13.4LB / 6.1KG	15.0LB / 6.8KG	15.7LB / 7.1KG
Product Height (100°)	9.1" / 231mm	10.3" / 261mm	12.2" / 311mm
Product Diameter (100°)	14.2" / 361mm	14.2" / 361mm	14.2" / 361mm
Reflector	Aluminum and Acrylic		
Materials	Die Cast Aluminum		
Finish	Black (Default)		
LM70 Life Time	100,000 Hours		
UL/cUL	E481056		
DesignLights Consortium®	YES		
CE	YES		
FCC	YES		
Warranty	5 Years		

Dimensions -100W

25° Reflector

262.5
156
85
104.87
270.43

60° Reflector

285.08
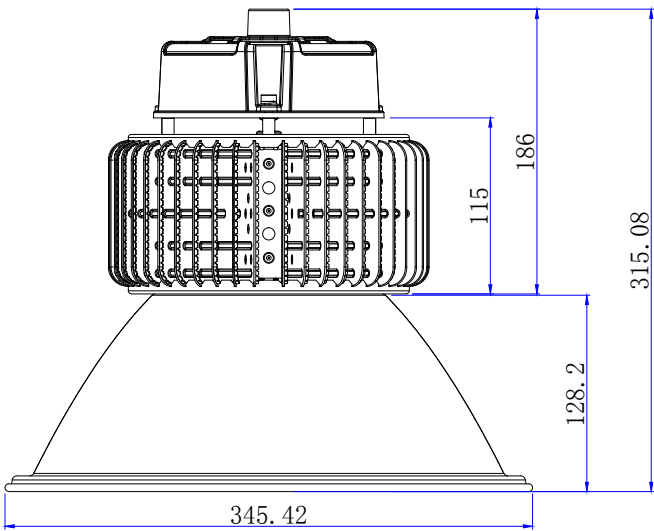156
85
127.93
345.42

100° Reflector

231.18
156
85
74.79
360.56

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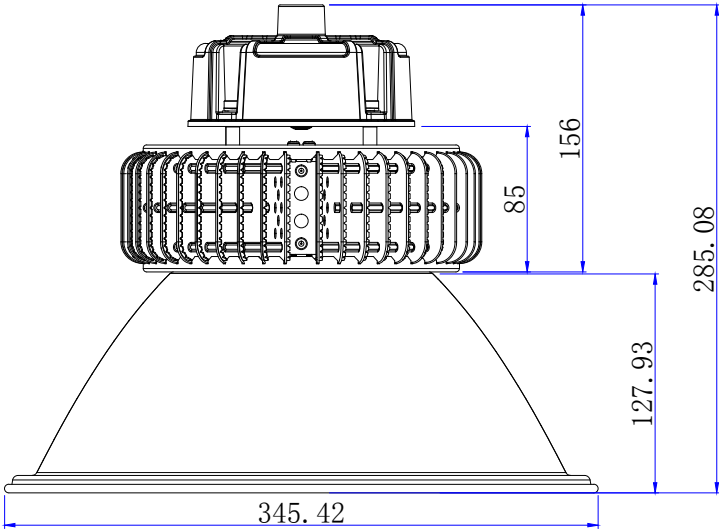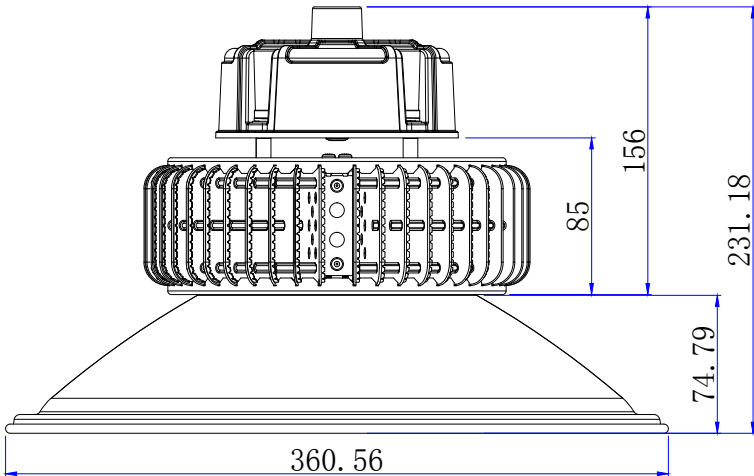
Dimensions - 150W

25° Reflector
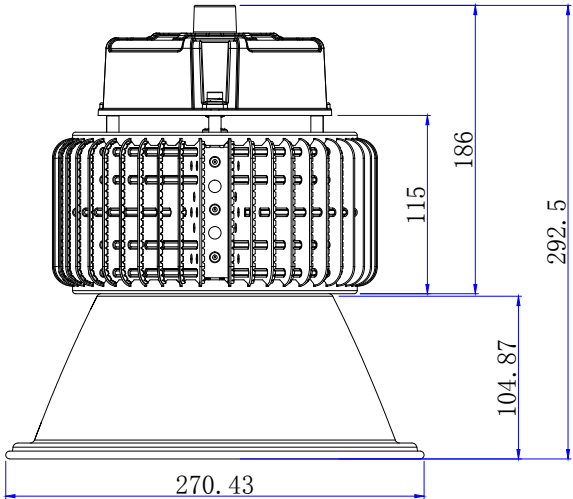
186
115
292.5
104.87
270.43

60° Reflector

186
115
315.08
128.2
345.42

100° Reflector

186
115
261.18
74.79
360.56

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Dimensions - 240W

25° Reflector

236
165
342.5
104.87
270.43

60° Reflector

236
165
365.08
129.06
345.42

100° Reflector

236
165
311.18
74.79
360.56

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Wiring Instructions

AC/L(Brown)
AC/N(Blue)
FG⏚(Green/Yellow)   SJTW 18AWG*3C

DIM-(White)
DIM+(Blue)   UL2517 22AWG*2C

◎ Applying additive 1 ~ 10VDC

+V
-V
DIM+
Additive Voltage
DIM-

"DO NOT connect "DIM- to -V"
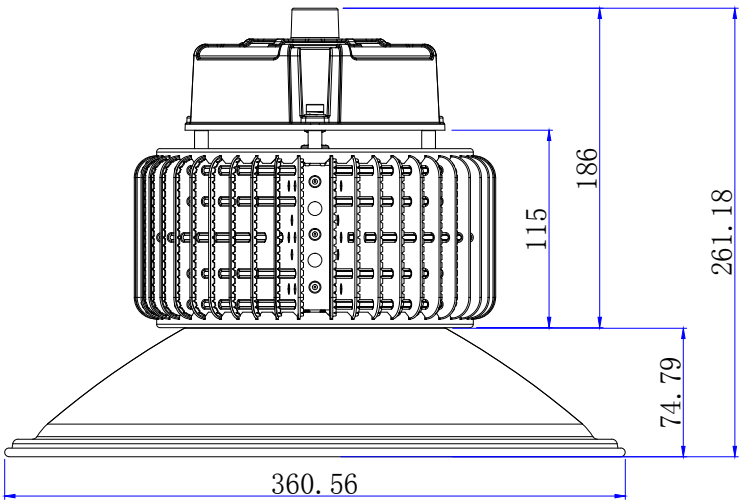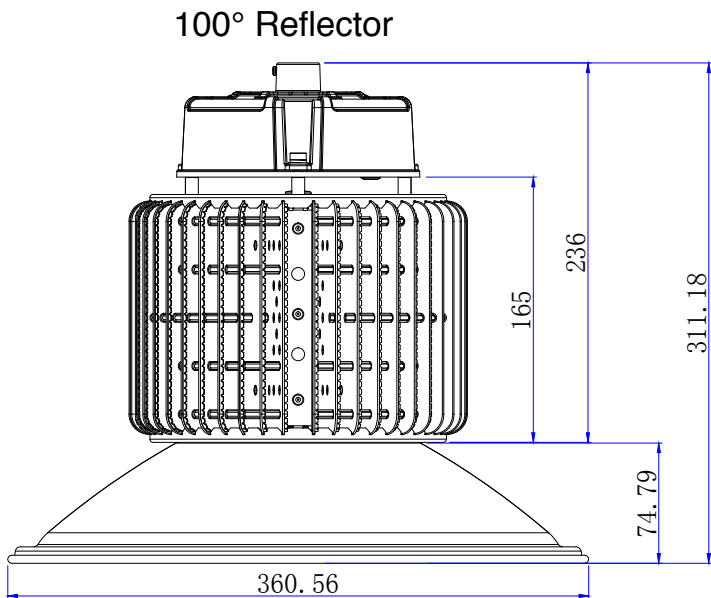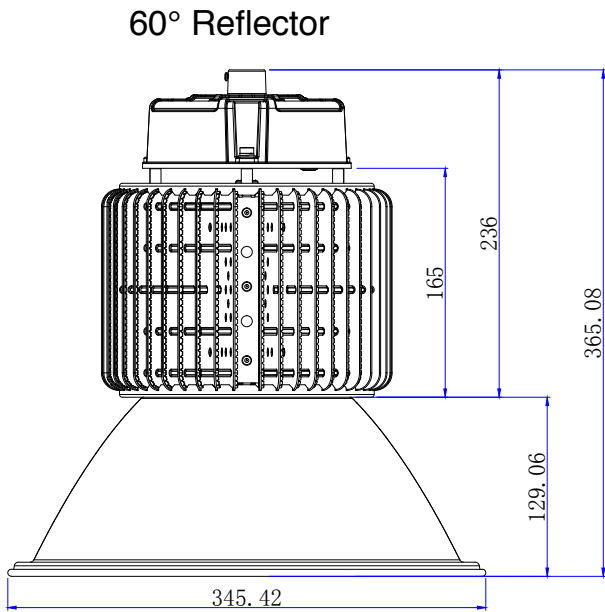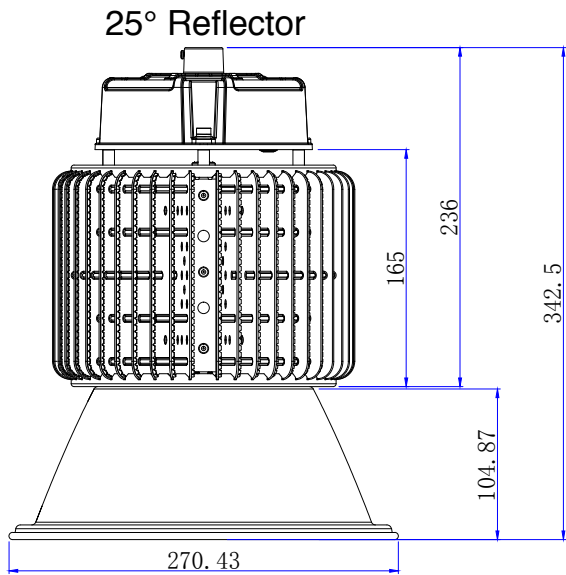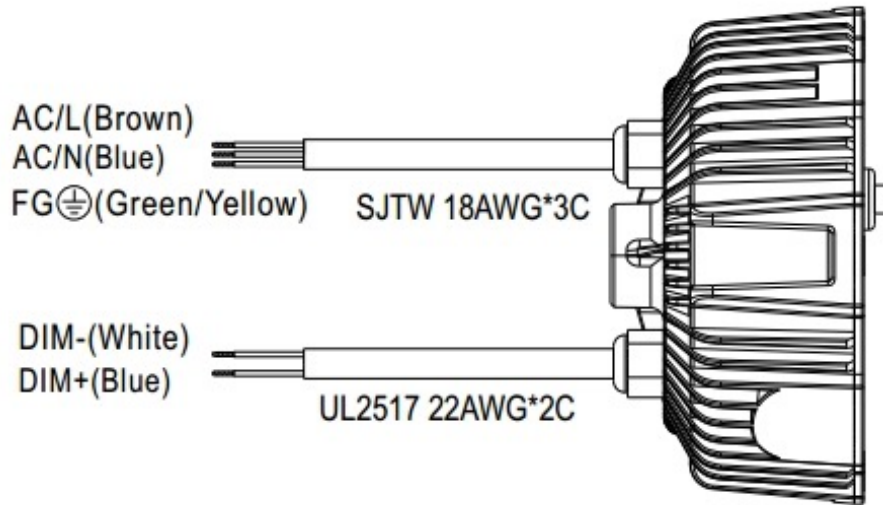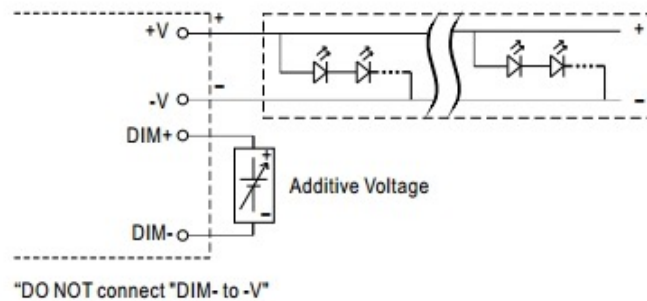
◎ Applying additive 10V PWM signal (frequency range 100Hz ~ 3KHz):

+V
-V
DIM+
Additive PWM signal
DIM-

"DO NOT connect "DIM- to -V"
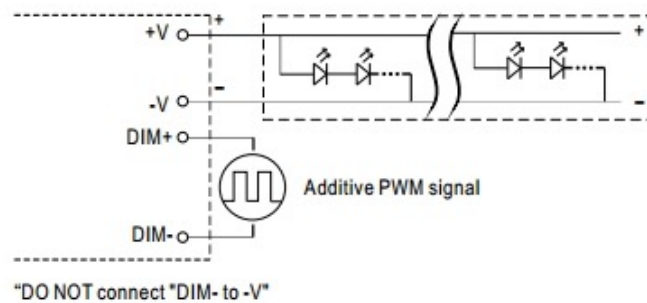
◎ Applying additive resistance:

+V
-V
DIM+
Additive Resistance
DIM-

"DO NOT connect "DIM- to -V"

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Motion Sensor

N Blue N   Red +
        Brown
        Lin   Black-
−220-240VAC   Yellow Lout
L
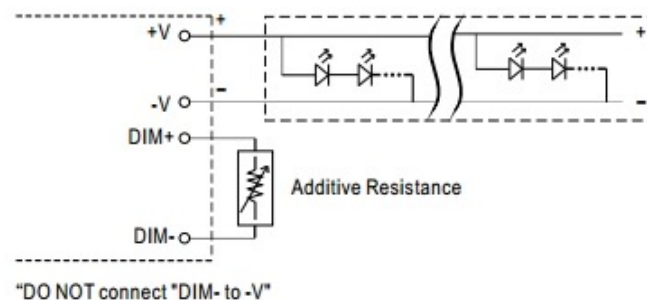
N   L   −   +   Load
1-10V dimmable control gear
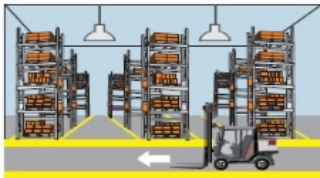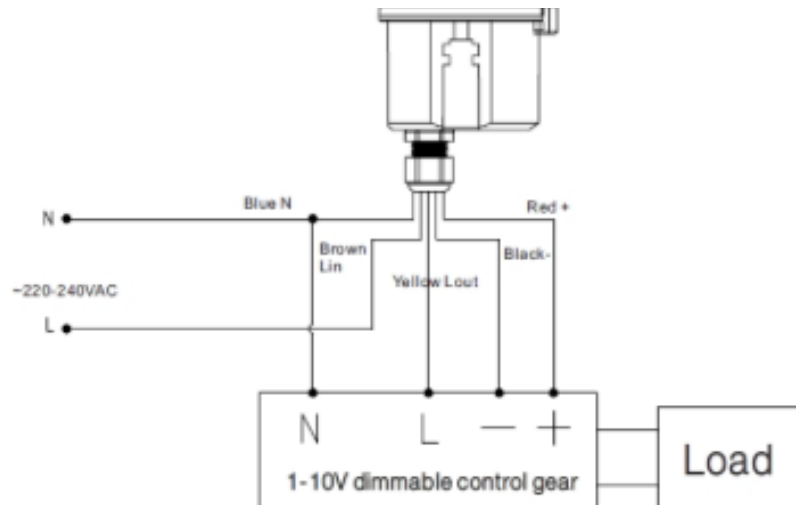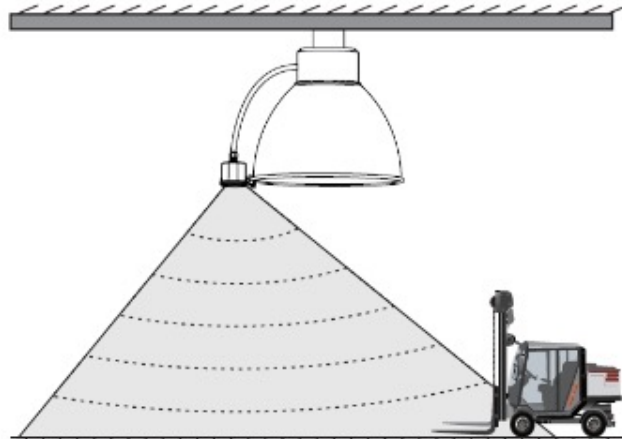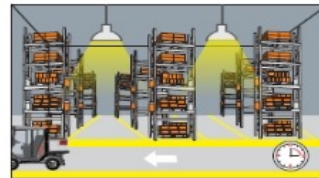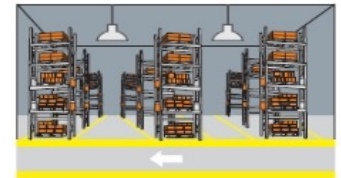
With sufficient ambient light, the sensor does not turn the fixture on.

With insufficient ambient light, the sensor turns the fixture on when motion is detected.

After hold time, the sensor dims the fixture to a low light level if no new motion is detected.

After stand-by-period, the sensor turns off the fixture if no motion is detected in its detection zone.

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Note:

Please read this entire manual to fully understand and safely use the luminaire. The products can be used at the voltage of 100-277V AC, 50/60HZ, suitable for indoor and outdoor, moisture proof and dust proof. Specifications are subject to change without notice. Please visit www.altechefficiency.com for the most recent product information.

Unpacking:

1. Unpack and carefully examine the product.
2. Report any damage and save all packing materials if any part(s) were damaged during shipping.
3. Do not attempt to use the fixture if it is damaged.

Before You install:

1. Before installing any light fixtures, read and understand all cautions, warnings, instructions and product labels. Failure to do so can result in injury and/or void the warranty.
2. CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR.
3. The product should be installed and operated by a qualified electrician or technician in accordance with relevant local codes.
4. Risk of electric shock. Ensure that main power source is off when wiring or soldering the sections of the product.

Maintenance:

1. Disconnect the product from the power supply prior to cleaning.
2. Use a dry or slightly moistened cloth for cleaning.
3. Never use any chemicals or abrasive materials for cleaning.

Installation Instructions:

1. Choose an appropriate and secure installation area.
2. Secure reflector to fixture by aligning the holes on the reflector with the mounting posts and twist reflector until locked with a click.
3. Hang high bay with the hook and use a chain (not provided) if necessary to adjust the height of the fixture.
4. Connect the input and ground wires of the fixture to the power supply. **Brown is live. Blue is neutral. Green/Yellow is ground.**
5. This fixture is designed for years with minimum care. For optimum performance, periodically clean the lens with a mild, non abrasive glass cleaner and soft cloth. DO NOT use solvents or cleaners containing abrasive agents. When cleaning the fixture, make sure you have the power turned off and do not spray liquid cleaner directly onto the LED, socket or wiring.

![ALTECH ELECTRONICS logo]