littil = **big** difference

littil
LED LIGHTS

PRODUCT
CATALOGUE

littil
LED LIGHTS

INTELLISENSE

PRO-FOCUS

PRO-VISION

COOLTECH

FLEXITECH
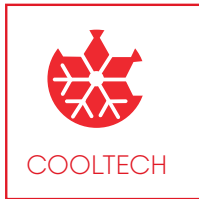
IP65 RATED

ZETTA
IP65 LED HIGHBAY RANGE
REPLACING TRADITIONAL
METAL HALIDE AND
MERCURY VAPOUR LAMPS

*To see 360 degree rotations
of this product visit littil.com.au*

APPLICATIONS

Constant current input LED light with a power range from 100W to 300W, direct replacement for the energy consuming 200 to 400W Mercury vapour or Metal Halide lamps.

Emits a light beam in conventional cool white light, with a light beam spread between 50° and 120° depending on the lens plate choice. Ideal luminaire for all industrial, warehouse or covered spaces.

FEATURES & BENEFITS

- Suspended – variable length and suitable for multi strike application
- Quality internal **MEANWELL** driver with mains socket
- Quality **NICHIA** chips
- Ultra-low glare diffuser available

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OPTIONAL BOLT-ON SENSOR NOW AVAILABLE

	100W	120W	150W	200W	240W	300W
GENERAL						
Model Number	HB–Z100W–MW	HB–Z120W–MW	HB–Z150W–MW	HB–Z200W–MW	HB–Z240W–MW	HB–Z300–MW
Dimensions (mm)	388x196x383			388x207x388		388x257.5x388
Warranty	5 years					
Lifetime	50,000 hrs					
OPTICAL						
Beam Angle	50° – 90° – 120°					
Lumens	11,940 – 13,360	14,400 – 15,600	18,000 – 19,000	23,800 – 24,100	31,900 – 32,690	40,400 – 41,500
LED Type	Nichia					
LED Colour Temp	5000K					
ELECTRICAL						
Driver Type	Internal MEANWELL Driver					
Voltage	100–240 VAC, 50/50 Hz					
Power Factor	>0.95					
Sensor Capability	External Sensor Option Available					
OPTIONS						
Various CCT	Available in 3000K, 4000K & 6000K					
Trim	Red					

DIMENSIONS

100W
130mm
Ø25
195.5
85

120-150W
152mm
Ø25
195.5
85

200-240W
192mm
Ø30
206.5
85
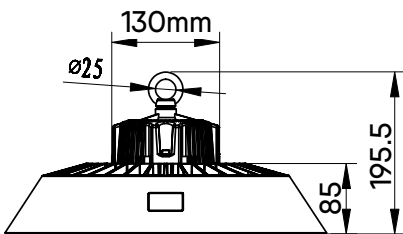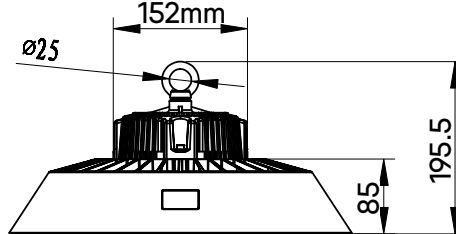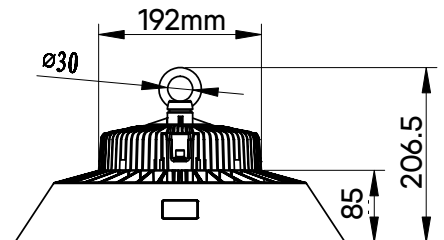
300W
Ø34
257.5
85
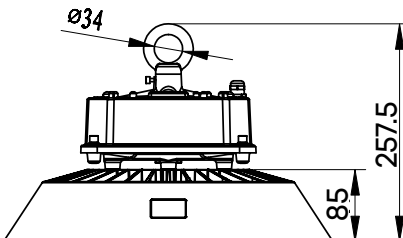
100W-300W
ø 388mm
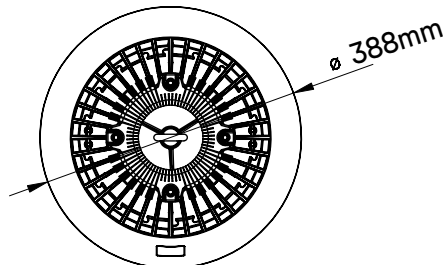
Luminous Intensity Distribution

-/+180
-150 150
-120 120
-90 90
-60 60
-30 30
0

4000
8000
12000
16000
20000

UNIT:cd
—— C0/180,89.1
—— C90/270,91.9

AVERAGE BEAM ANGLE(50%):90.5 DEG

COMPLIANCE

MERCURY FREE Hg

VEECs APPROVED

ESCs APPROVED

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LED LIGHTS
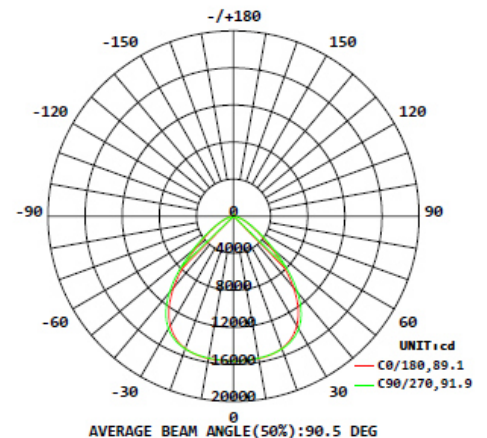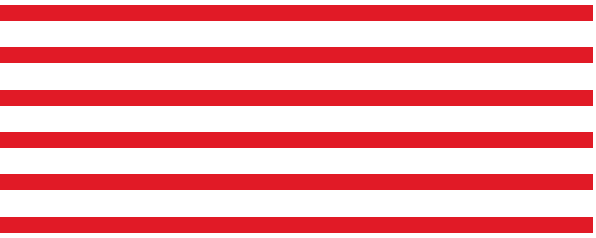
ZETTA
IP65 LED HIGHBAY RANGE
ACCESSORIES

INTELLISENSE

PRO-FOCUS

PRO-VISION

COOLTECH

FLEXITECH

IP65 RATED
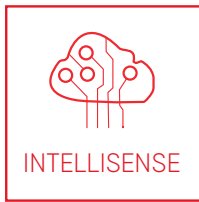
PC REFLECTOR

BOLT ON PRISMATIC REFLECTOR

FEATURES & BENEFITS
- Ultimate low glare and uniform light diffusion
- Easy to assemble
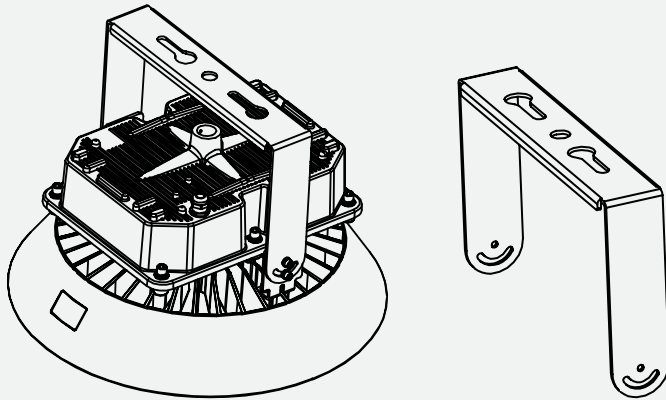
ALUMINIUM DIFFUSER

BOLT ON ALUMINIUM DIFFUSER

FEATURES & BENEFITS
- Reduces glare
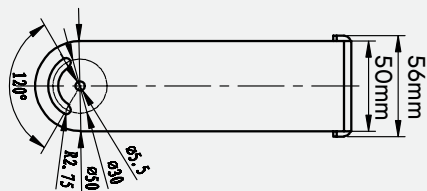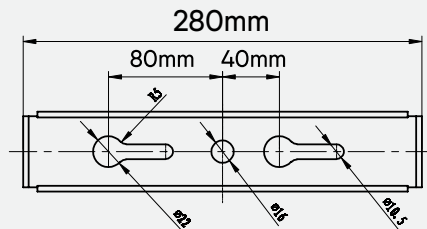- High durability and suitable for industrial environments

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BRACKET

FOR HORIZONTAL OR VERTICAL SURFACE MOUNT INSTALLATIONS

260mm

175mm

274mm

3mm

280mm

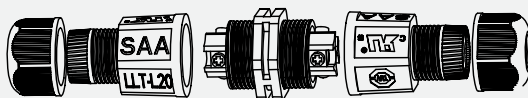80mm 40mm

56mm

50mm

120°

R2.75 ø50 ø30 ø5.5

FEATURES & BENEFITS

- High strength alloy
- Thick powder coating for outdoor use
- Adjustable –45⁰ to +45⁰
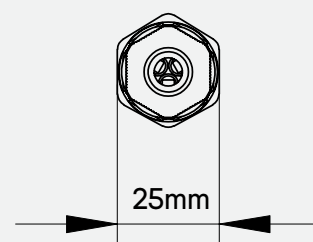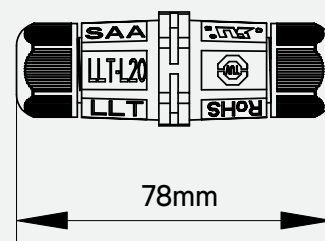- Easy to assemble (bolt on)
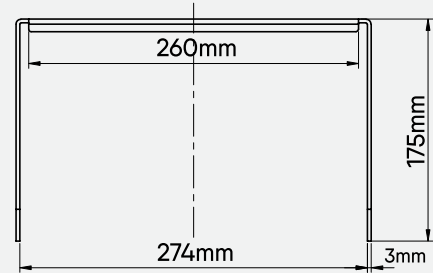
IP65 CABLE CONNECTOR
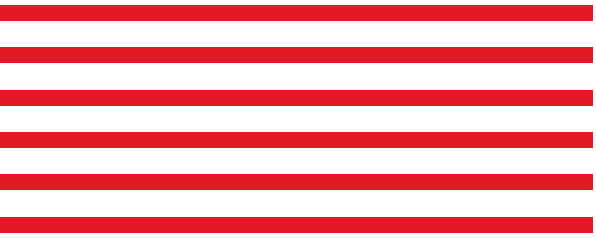## FOR ENVIRONMENTS REQUIRING IP65 RATINGS

DIMENSIONS

78mm

25mm

FEATURES & BENEFITS

- Screw terminals for easy assembly on site
- IP65 rated for protection against dust and water

INTELLISENSE
BOLT–ON SENSOR

PROFESSIONAL LIGHT ADJUSTMENT

NEW **BOLT–ON SENSOR**

PRECISION DIMMING

INTELLISENSE

APPLICATIONS

Our **ZETTA LED Highbay series** now comes with the optional addition of super intelligent bolt–on sensors to detect motion and harvest daylight.

They add up to 40% efficiency to LED Highbays and operate on a 3–step dimming function when used in conjunction with a 1–10V dimmable LED driver.

FEATURES & BENEFITS

- Daylight–harvesting maximises ambient light

- Motion sensing and dynamic dimming

- Adds up to 80% efficiency when replacing Metal Halide Highbays with IntelliSense LED Highbays.

- Motion can be detected through plastic, glass and all thin non–metal materials

- Manufactured in accordance to ISO9001:2008

GENERAL

littil LED Bolt-On Sensors	
Model Number	MC031V
Dimensions	59mm x 66mm
Detection zone (Max. D x H)	16m x 15m
Detection sensitivity	100%/50%
Hold time	5s/30s/90s/3min/20min/30min
Daylight sensor	50 lux/100 lux/200 lux/ Disable
Stand-by period	5s/5min/10min/30min/1h/Disable
Stand-by dimming level	10%/20%/30%/50%
Mounting height	15m Max
Motion detection	0.5–3m/s
Operating temperature	–35°C – 70°C

ELECTRICAL

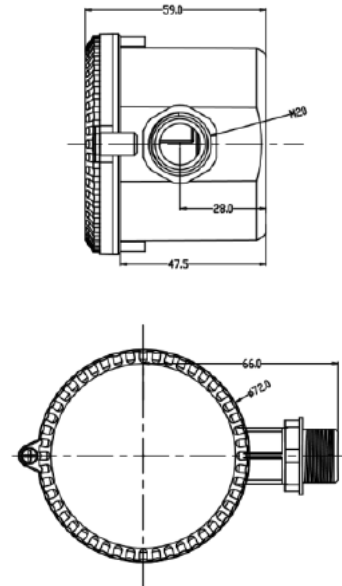|	
Operating voltage	120–277 VAC, 50Hz/60Hz
HF system	5.8GHz ± 75 MHz, iSM wave band
Power consumption	≤0.8W (standby), <1.5W (operation)

PRE-SET

Detection Area	**100%**
Daylight Harvesting	**50 lux**
Hold Time	**3 min**
Stand by Dim Level	**10%**
Stand by Duration	**5 sec**

LINE DRAWING
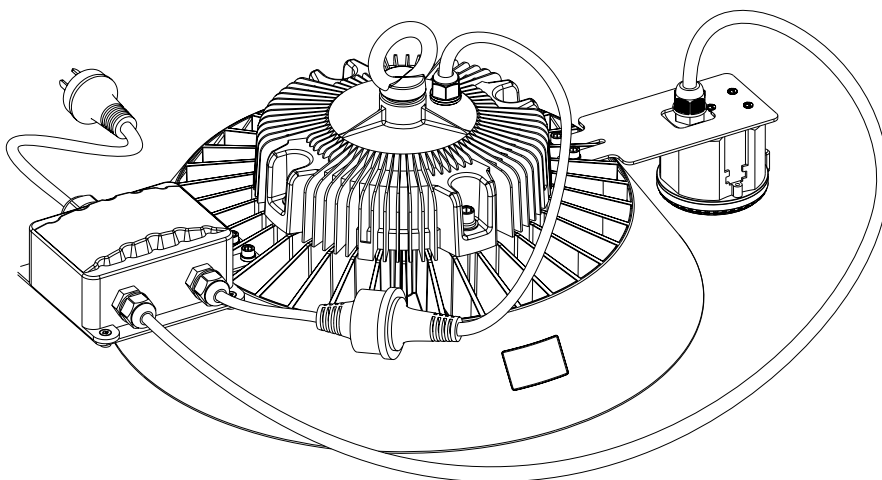
DIMENSIONS

DETECTION ANGLE

150⁰ (wall installation)

360⁰ (ceiling installation)