



ApoluxLED

High Bay Fixture with 0-10 V DC Smooth Dimming Control



ApoluxLED

Structure Finishes
☒ Black Powder Spraying
☐ White Powder Spraying

Diffuser Finishes
 Transparent

Materials
 Aluminum
 Polycarbonate
 Stainless Steel

Applications
 Warehouse
 Market
 Industry

Lumen Output

ApoluxLED 108	5000K	6000 K
X	18250 lm	18720 lm
ApoluxLED 144	5000K	6000 K
X	22800 lm	23400 lm
ApoluxLED 216	5000K	6000 K
X	27300 lm	28000 lm

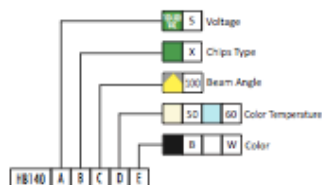
ApoluxLED 108

IP65

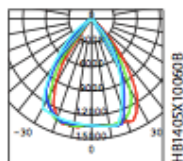
3 LED 120W/140W ⚡ 100-264 V

Beam Angle 100°

Item Number

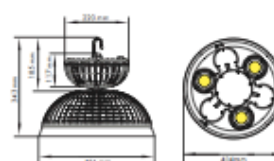


Photometrics



Further information
www.i-saveenergy.com

Dimensions



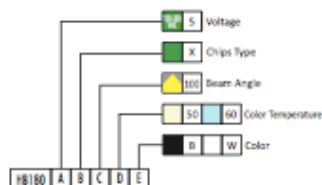
ApoluxLED 144

IP65

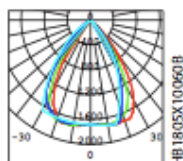
4 LED 158W/180 W ⚡ 100-264 V

Beam Angle 100°

Item Number

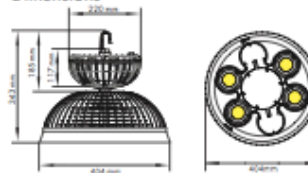


Photometrics



Further information
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Dimensions



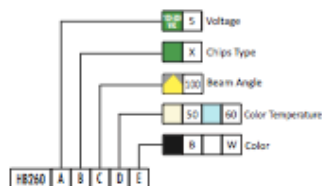
ApoluxLED 216

IP65

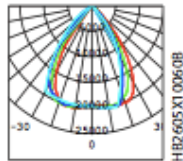
6 LED 238W/260 W ⚡ 100-264 V

Beam Angle 100°

Item Number

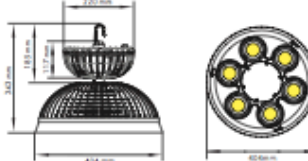


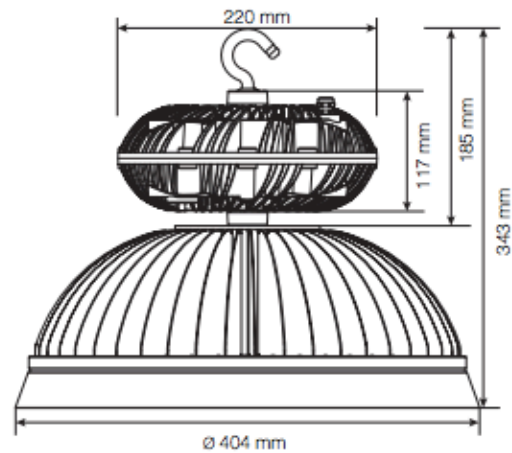
Photometrics



Further information
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Dimensions





Applications

The ApoluxLED fixture was designed to replace conventional lighting in a wide variety of industrial applications, indoor as well as outdoor spaces. Ideally it is used in warehouses, factories and other applications with mounting heights ranking from 6-18 meters and ambient environment between -25°C and +50°C. With its dimming feature, the ApoluxLED allows the user to reduce power consumption and easily adapts its light output to the specific working situation. Occupancy sensors can be connected to control an infinite number of fixtures. The instant-on and instant-off capability of this product, additionally increases energy savings and enhances the ROI.

Features & benefits

- 3 years full performance warranty (extendable up to 5 years)
- Replaces up to 400 W HID light source
- Low power consumption
- Instant on/off operation
- Universal input 100-260 V, 50/60 Hz
- Superior color rendering index compared to HID light source
- Mercury free
- **L80** rated for 50.000 hrs @ 25°C (\leq 20% lumen depreciation)

Construction

Housing & Heat Sink:	aluminium alloy 5052 (high industrial atmosphere corrosion resistance)
Finish:	dark grey powder coated RAL 7043 (further colours on request)
Lens:	PMMA on 100° beam angle; tempered glass and specular aluminium on 40° and 75° beam angle
Mercury content:	0,0 mg

Photometric Information

LED:	i-save custom PCB design
CRI (Ra):	>75
CCT:	6000 K (4000 K, 5000 K available on request)
Eulumdat Files (.ldt):	available on request
IESNA LM79 Files (.ies):	available on request
Lamp Efficiency:	108 lm/W
Beam Angle:	40°, 75°, 100°
Luminous Flux:	12.830-28.000 lm (see table on page 4)

Electrical Specifications

Operating Voltage:	100-260 V, 50/60 Hz
Power consumption:	118-234 W (see table on page 4)
Power Supply consumption:	12-26 W, integrated (see table on page 4)
LED Drive Current:	350 mA
Operating Temperature:	-25°C... +50°C
Protection Class:	I
Harmonics Directive:	EN61000-3-2
Surge protection:	EN 61000-4-5 1kV line-to-line, 2kV line-to-ground
THD:	< 8% (230/240 V)
Power Factor:	0.98

Mechanical Information

Fixture weight:	10,0 kg (ApoluxLED 118) 10,1 kg (ApoluxLED 158) 10,2 kg (ApoluxLED 198) 10,3 kg (ApoluxLED 234)
Shipping weight:	10,0 kg (ApoluxLED 118) 12,7 kg (ApoluxLED 158) 12,9 kg (ApoluxLED 198) 13,0 kg (ApoluxLED 234)

Packing Dimensions:

450 x 450 x 350 mm

Mounting

j-hook with safety screw for suspended installation, safety cable (included, not installed)

Fixing

1500 mm 3-core black PVC cable, installed (customized length available on request)

Dimming Features

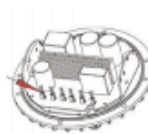
Variable dimming control: 0-10V DC, analogue

For any special configuration, please consult technical department
Note: dimming cabling is not installed and must be specified at order, connector is provided according to customer's request.

Replacement Packages



Description	Package includes
PCB 5700 K (other CCT available on demand)	PCB, cable, connector



Description	Package includes
Power Supply 12 W / 18 W / 22 W / 26 W	Power Supply with integrated dimmer