

**H**  
**SERIES**



*Introducing a New Premium Experience*

**5** YEAR  
WARRANTY

## Overview

Revolutionised traditional external driver design, extremely simple and clean appearance brings incomparable refreshing experience.

The TRULUX H-series LED high bay luminaire uses High Luminous Efficiency PHILIPS LUXEON® T optics with a Highly Reliable MEANWELL® HLG driver.

The luminaire offers up to 95 LPW (lumens per watt) luminous efficiency and over 100,000 hours operation life.

### Application

- Workshop, Warehouse
- Gas Station
- Area Lighting
- Parking Garage



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**TRULUX**  
LIGHTING

# *Exquisite Craftsmanship*



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## Product Benefits

PHILIPS

### LUMILEDS LED LUMINOUS SOURCE

The TRULUX H-series LED high bay light utilises the PHILIPS LUXEON® T luminous source, providing excellent lumen output - up to 95 LPW, long-lasting stability and outstanding luminance.

Each LUXEON® T incorporates electrostatic protection to avoid damaging components.

More information about the LUXEON® T and solid-state lighting technologies can be found at [www.philipslumileds.com](http://www.philipslumileds.com).



### LUXEON T

High-Efficacy, Illumination Grade LED light source.

**LUXEON**  
NEVER BEFORE POSSIBLE



### LED DRIVER

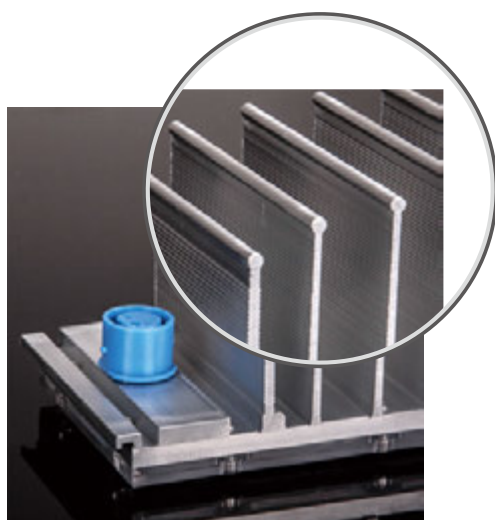
The full range of TRULUX H-series LED high bay lights utilise the MEANWELL® HLG series high-end driver for great luminaire, stability and lifespan.

More information about the MEANWELL® HLG series and LED driver technologies, please visit [www.meanwell.com](http://www.meanwell.com)

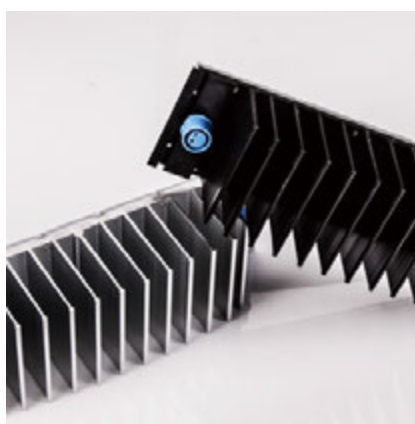


### TRULUX 3<sup>RD</sup> GENERATION LED MODULE

Exquisite design with powerful thermal performance and a high waterproof rating.



Cylindrical edge design to reduce the risk of cuts



Black & Silver



Stainless Steel hexagon screws



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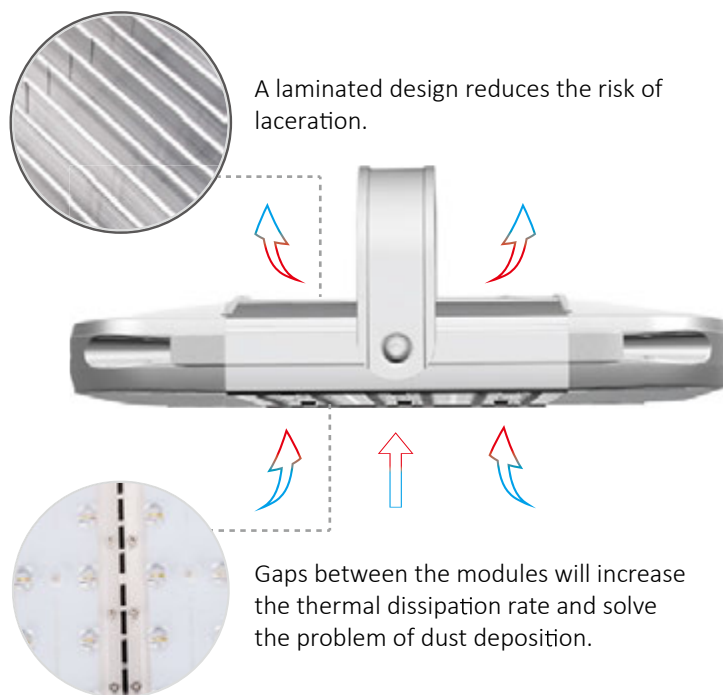
## Product Benefits

### XTREME LUMINAIRE DESIGN

Equipped with exceptional TRULUX 3<sup>rd</sup> generation LED module, the H-series LED high bay light provides outstanding luminous output, stability and extra long life. The H-series LED high bay light is the most cost-effective LED high bay light ever.

Easy assemble/disassemble, neat wiring & connection, up to 95 LPW luminous efficiency, IP65 Rated, 90%+ driver efficiency, over 100,000 hours operation life and a 5 year warranty.

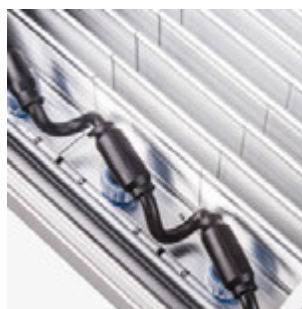
For more information on TRULUX H-series LED high bay light and LED lighting technologies, please visit [www.truluxlighting.com.au](http://www.truluxlighting.com.au)



Professional lens design with 60°, 90° and 110° optional.



Utilises M16 waterproof connectors for a fixed input cable to avoid pulling damage.



Convenient connection, neat, clean and efficient.



Waterproof connector for fixed input cables and ease of maintenance.



Full aluminium bracket supplied as standard.



A non-corrosive shell provides an exquisite appearance with no concerns for corrosion.

## DETAILED FEATURES



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LIGHTING

# TRU-GCD40H

Introducing a New Premium Experience

70W HID Replacement



Dimming functions are supported by option.  
Contact TRULUX for details.

## Specifications

### Electrical Specifications:

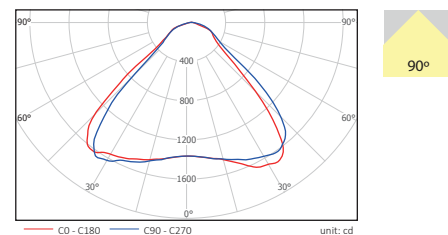
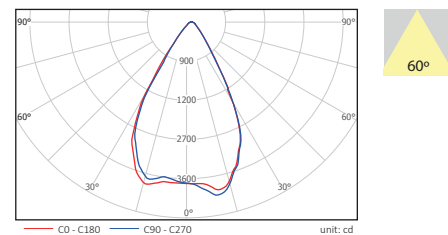
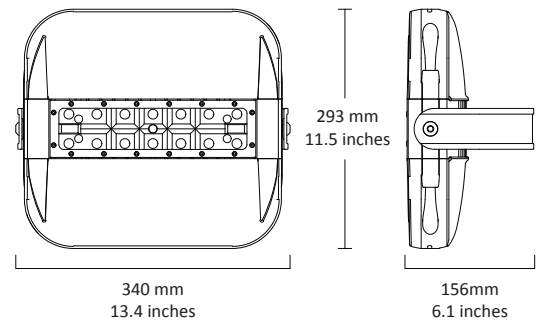
Model No.	TRU-GCD40H
Nominal Wattage	40W
Nominal Voltage	AC 100-240V /277V, 50/60Hz DC /
Maximum Current	AC 0.41A -120V, 0.21A -240V, 0.18A -277V DC /
Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.9
Driver Efficiency	> 90%

### Photometric Specifications:

Lumen Output	3800 lm (+/- 5%)
Photometric Type	60°   90°   110°
CRI	Minimum 70 CRI
CCT	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px; background-color: #f9a825;">4000K</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px; background-color: #f1c40f;">5000K</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px; background-color: #f1c40f;">5700K</div> </div>

### Mechanical Specifications:

Ratings	IP65, IK08
Lumen Maintenance	> 60,000 hours -L <sub>70</sub> (9K), @25 °C (77 °F)
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	293 x340 x156 mm 11.5 x13.4 x6.1 inches
Fixture Weight	3.1 kg / 6.8 lbs



### Packing Type

1unit(s) /ctn.

### Packing Dimension

345 x365 x160 mm  
13.6 x14.4 x6.3 inches

### Packing Weight

3.9 kg /8.6 lbs



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# TRU-GCD80H

Introducing a New Premium Experience

150W HID Replacement



Dimming functions are supported by option.  
Contact TRULUX for details.

## Specifications:

### Electrical Specifications:

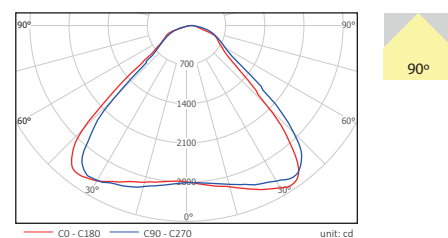
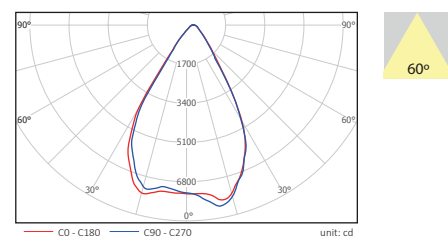
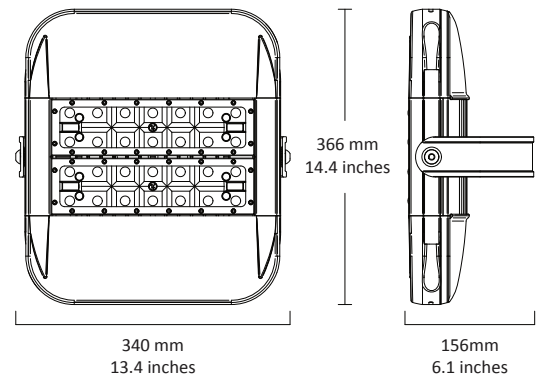
Model No.	TRU-GCD80H
Nominal Wattage	80W
Nominal Voltage	AC 100-240V /277V, 50/60Hz DC /
Maximum Current	AC 0.82A -120V, 0.41A -240V, 0.36A -277V DC /
Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.9
Driver Efficiency	> 90%

### Photometric Specifications:

Lumen Output	7600 lm (+/- 5%)
Photometric Type	60°   90°   110°
CRI	Minimum 70 CRI
CCT	<div><div>4000K</div><div>5000K</div><div>5700K</div></div>

### Mechanical Specifications:

Ratings	IP65, IK08
Lumen Maintenance	> 60,000 hours -L <sub>70</sub> (9K), @25 °C (77 °F)
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	366 x340 x156 mm 14.4 x13.4 x6.1 inches
Fixture Weight	4.3 kg /9.5 lbs



### Packing Type

1unit(s) /ctn.

### Packing Dimension

415 x365 x160 mm  
16.3 x14.4 x6.3 inches

### Packing Weight

5.1 kg /11.2 lbs



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# TRU-GCD120H

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250W HID Replacement



Dimming functions are supported by option.  
Contact TRULUX for details.

## Specifications

### Electrical Specifications:

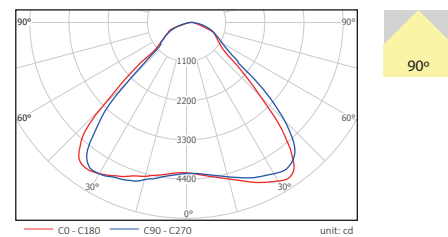
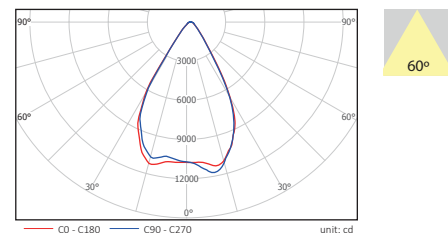
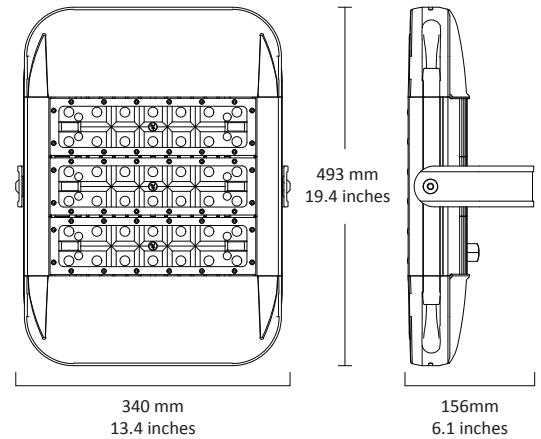
Model No.	TRU-GCD120H
Nominal Wattage	120W
Nominal Voltage	AC 100-240V /277V, 50/60Hz DC /
Maximum Current	AC 1.23A -120V, 0.62A -240V, 0.53A -277V DC /
Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.9
Driver Efficiency	> 90%

### Photometric Specifications:

Lumen Output	11400 lm (+/- 5%)
Photometric Type	60°   90°   110°
CRI	Minimum 70 CRI
CCT	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px; background-color: #f9a825;">4000K</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px; background-color: #f9c94d;">5000K</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px; background-color: #f9e79f;">5700K</div> </div>

### Mechanical Specifications:

Ratings	IP65, IK08
Lumen Maintenance	> 60,000 hours -L <sub>70</sub> (9K), @25 °C (77 °F)
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	439 x340 x156 mm 19.4 x13.4 x6.1 inches
Fixture Weight	5.2 kg /11.5 lbs



### Packing Type

1 unit(s) /ctn.

### Packing Dimension

485 x365 x160 mm  
19.1 x14.4 x6.3 inches

### Packing Weight

6.1 kg /13.4 lbs



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# TRU-GCD160H

Introducing a New Premium Experience

Brighter  
250W HID Replacement



Dimming functions are supported by option.  
Contact TRULUX for details.

## Specifications

### Electrical Specifications:

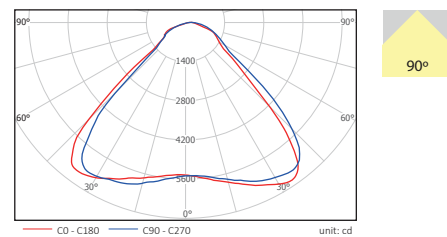
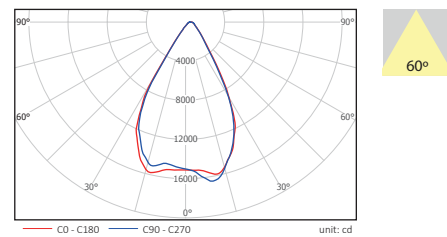
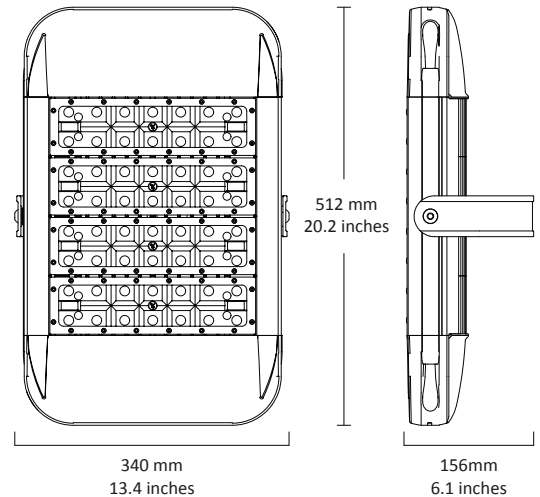
Model No.	TRU-GCD160H
Nominal Wattage	160W
Nominal Voltage	AC 100-240V /277V, 50/60Hz DC /
Maximum Current	AC 1.65A -120V, 0.82A -240V, 0.71A -277V DC /
Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.9
Driver Efficiency	> 90%

### Photometric Specifications:

Lumen Output	15200 lm (+/- 5%)
Photometric Type	60°   90°   110°
CRI	Minimum 70 CRI
CCT	<div style="display: flex; gap: 10px;"> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">4000K</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">5000K</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">5700K</div> </div>

### Mechanical Specifications:

Ratings	IP65, IK08
Lumen Maintenance	> 60,000 hours -L <sub>70</sub> (9K), @25 °C (77 °F)
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	512 x340 x156 mm 20.2 x13.4 x6.1 inches
Fixture Weight	6.0 kg /13.2 lbs



### Packing Type

1unit(s) /ctn.

### Packing Dimension

560 x365 x160 mm  
22.0 x14.4 x6.3 inches

### Packing Weight

7.0 kg /15.4 lbs



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# TRU-GCD200H

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400W HID Replacement



Dimming functions are supported by option.  
Contact TRULUX for details.

## Specifications

### Electrical Specifications:

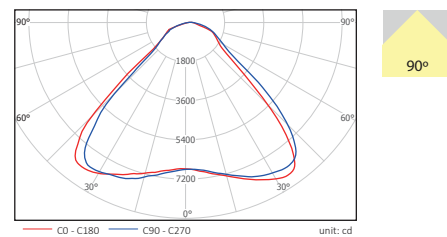
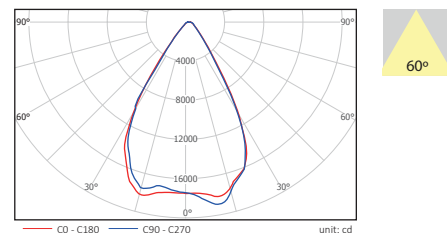
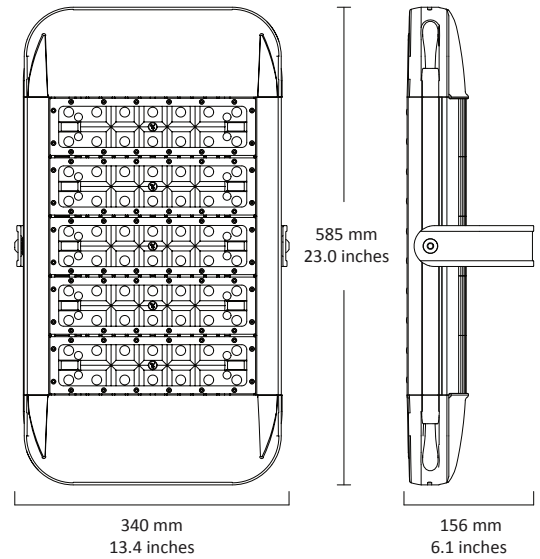
Model No.	TRU-GCD200H
Nominal Wattage	200W
Nominal Voltage	AC 100-240V /277V, 50/60Hz DC /
Maximum Current	AC 2.06A -120V, 1.03A -240V, 0.89A -277V DC /
Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.9
Driver Efficiency	> 90%

### Photometric Specifications:

Lumen Output	19000 lm (+/- 5%)
Photometric Type	60°   90°   110°
CRI	Minimum 70 CRI
CCT	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px; background-color: #f9a825;">4000K</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px; background-color: #f1c40f;">5000K</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px; background-color: #f1c40f;">5700K</div> </div>

### Mechanical Specifications:

Ratings	IP65, IK08
Lumen Maintenance	> 60,000 hours -L <sub>70</sub> (9K), @25 °C (77 °F)
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	585 x340 x156 mm 23.0 x13.4 x6.1 inches
Fixture Weight	7.0 kg /15.4 lbs



### Packing Type

1unit(s) /ctn.

### Packing Dimension

635 x365 x160 mm  
25.0 x14.4 x6.3 inches

### Packing Weight

8.1 kg /17.9 lbs



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# TRU-GCD240H

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Brighter  
400W HID Replacement



Dimming functions are supported by option.  
Contact TRULUX for details.

## Specifications

### Electrical Specifications:

Model No.	TRU-GCD240H
Nominal Wattage	240W
Nominal Voltage	AC 100-240V /277V, 50/60Hz DC /
Maximum Current	AC 2.47A -120V, 1.23A -240V, 1.07A -277V DC /
Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.9
Driver Efficiency	> 90%

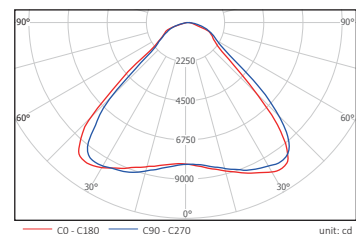
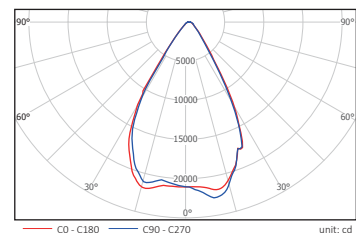
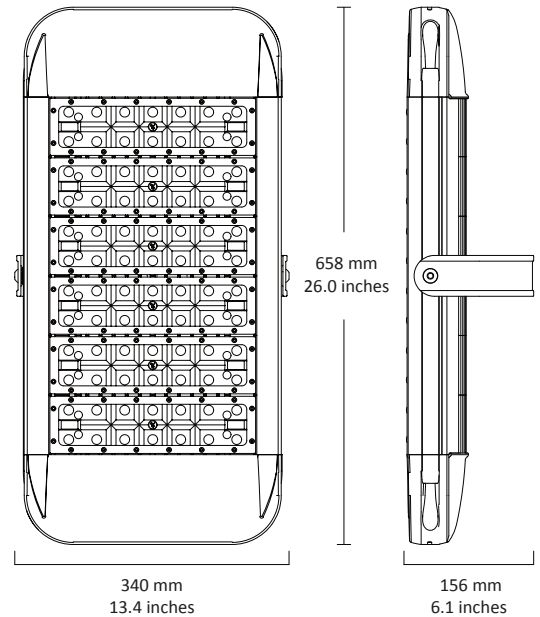
### Photometric Specifications:

Lumen Output	22800 lm (+/- 5%)
Photometric Type	60°   90°   110°
CRI	Minimum 70 CRI
CCT	



### Mechanical Specifications:

Ratings	IP65, IK08
Lumen Maintenance	> 60,000 hours -L70(9K), @25 °C (77 °F)
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	658 x340 x156 mm 26.0 x13.4 x6.1 inches
Fixture Weight	7.8 kg /17.2 lbs



### Packing Type

1 unit(s) /ctn.

### Packing Dimension

705 x365 x160 mm  
27.8 x14.4 x6.3 inches

### Packing Weight

9.0 kg /19.8 lbs



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