

HB
SERIES



Introducing a New Premium Experience

5 YEAR
WARRANTY

Overview

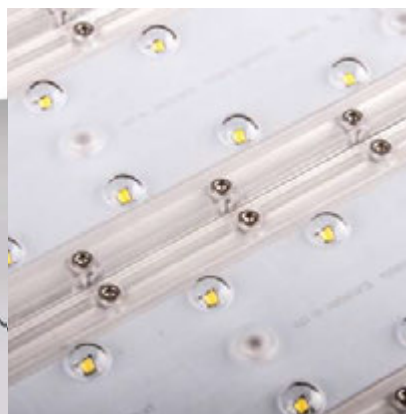
Revolutionsed traditional external driver design, extremely simple and clean appearance brings an incomparably refreshing experience.

The TRULUX HB-Series LED High Bay Lights are using High Luminous Efficiency PHILIPS LUXEON® T optics with a highly reliable MEANWELL® HLG Driver.

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

Application

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



CE **RoHS** **CB**

www.truluxlighting.com.au


TRULUX
LIGHTING

Exquisite Craftsmanship

Introducing a New Premium Experience

Product Benefits

PHILIPS

LUMILEDS LED LUMINOUS SOURCE

The TRULUX HB-Series LED High Bay Lights 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.



LUXEON T

High-Efficacy, Illumination Grade LED light source.

LUXEON
NEVER BEFORE POSSIBLE



LED DRIVER

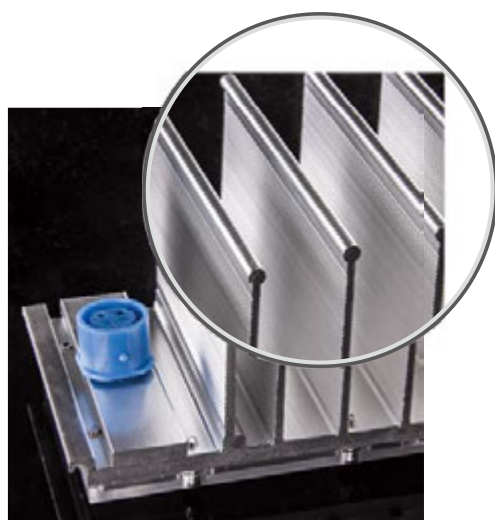
The full Range of TRULUX HB-Series LED High Bay Lights utilise the MEANWELL® HLG series high-end driver for great luminaire, stability and lifespan.

More information about the MEANWELL® HLG series and LED driver technologies, please visit www.meanwell.com

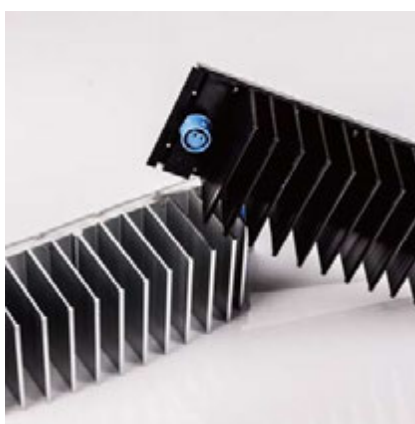


TRULUX 3RD GENERATION LED MODULE

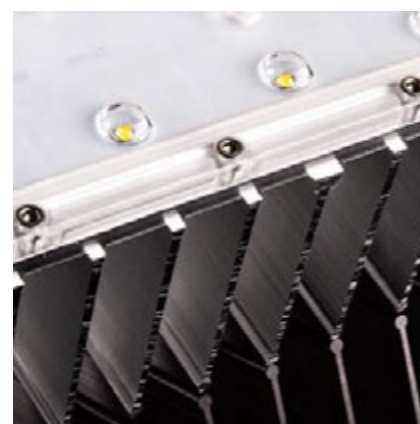
Exquisite design with powerful thermal performance and a high waterproof rating.



Cylindrical edge design to reduce the risk of cuts



Black & Silver



Stainless Steel hexagon screws



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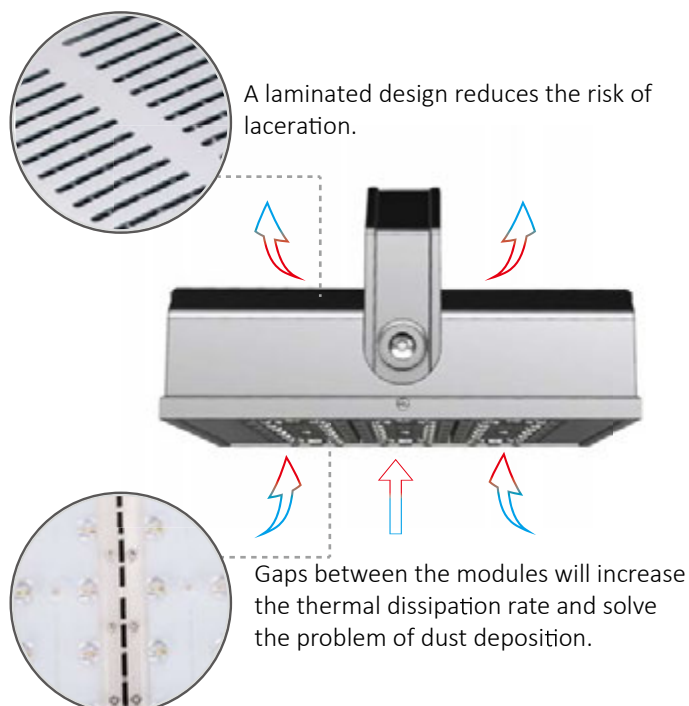
Product Benefits

XTREME LUMINAIRE DESIGN

Equipped with exceptional TRULUX 3rd generation LED module, the HB-Series LED high bay light provides outstanding luminous output, stability and extra long life. The HB-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, IP66 and IK10 rated, 90%+ driver efficiency over 100,000 hours operation life and a 5 year warranty.

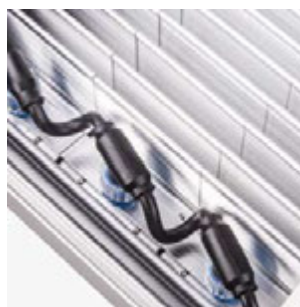
For more information on TRULUX HB-Series LED high bay light and LED lighting technologies, please visit www.truluxlighting.com.au



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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TRULUX
LIGHTING

TRU-GCD40HB

Introducing a New Premium Experience

70W HID Replacement



Dimming functions are supported by option.

* Three in One (1-10V DC or PWM Signal or Resistance)

* Timer - Contact TRULUX for details.

Specifications

Electrical Specifications:

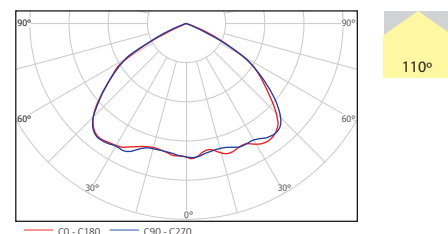
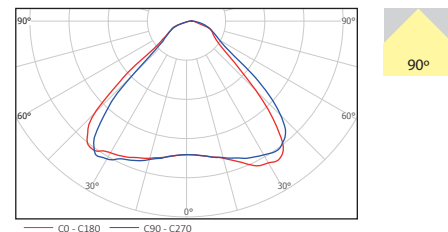
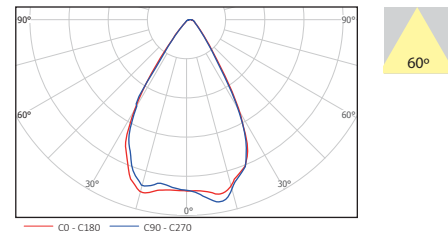
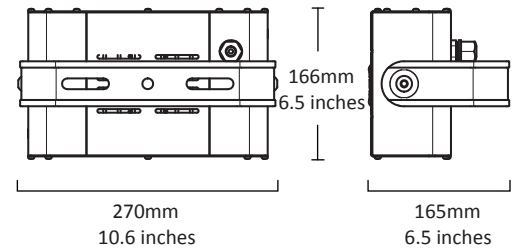
Model No.	TRU-GCD40HB
Nominal Wattage	40W
Nominal Voltage	AC 100-240V /277V, 50/60Hz
Maximum Current	AC 0.41A -120V, 0.21A -240V, 0.18A -277V
Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.9
Driver Efficiency	> 90%

Photometric Specifications:

Lumen Output	3800 lm (+/- 5%)
Photometric Type	60° 90° 110°
CRI	> 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: #f9a825;">5000K</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px; background-color: #f9a825;">5700K</div> </div>

Mechanical Specifications:

Ratings	IP66, IK10
Lumen Maintenance	> 60,000 hours -L ₇₀ (9K), @25 °C (77 °F)
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	166 x270 x165 mm 6.5 x10.6 x6.5 inches
Fixture Weight	2.3 kg /5.1 lbs



Packing Type

1 unit(s) /ctn.

Packing Dimension

285 x370 x200 mm
11.2 x14.6 x7.9 inches

Packing Weight

3.0 kg /6.6 lbs



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TRU-GCD80HB

Introducing a New Premium Experience

150W HID Replacement



Dimming functions are supported by option.

* Three in One (1-10V DC or PWM Signal or Resistance)

* Timer - Contact TRULUX for details.

Specifications

Electrical Specifications:

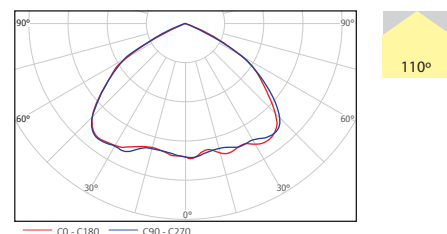
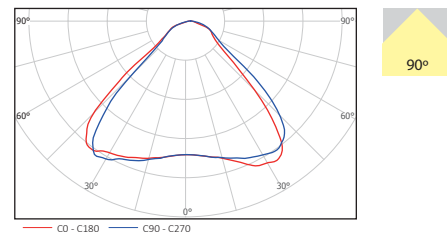
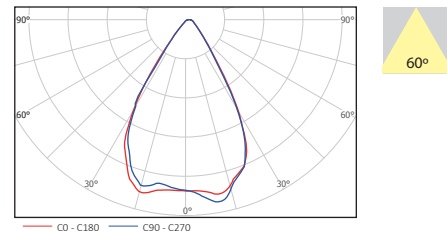
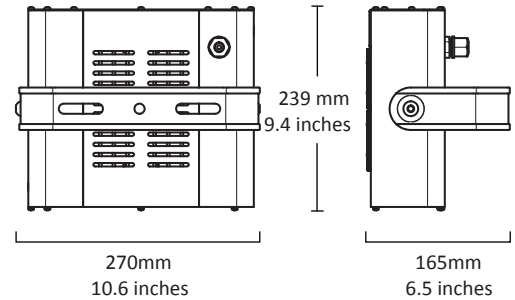
Model No.	TRU-GCD80HB
Nominal Wattage	80W
Nominal Voltage	AC 100-240V /277V, 50/60Hz
Maximum Current	AC 0.82A -120V, 0.41A -240V, 0.36A -277V
Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.9
Driver Efficiency	> 90%

Photometric Specifications:

Lumen Output	7600 lm (+/- 5%)
Photometric Type	60° 90° 110°
CRI	> 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: #f9a825;">5000K</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px; background-color: #f9a825;">5700K</div> </div>

Mechanical Specifications:

Ratings	IP66, IK10
Lumen Maintenance	> 60,000 hours -L ₇₀ (9K), @25 °C (77 °F)
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	239 x270 x165 mm 9.4 x10.6 x6.5 inches
Fixture Weight	3.5 kg /7.7 lbs



Packing Type

1 unit(s) /ctn.

Packing Dimension

355 x370 x200 mm
14.0 x14.6 x7.9 inches

Packing Weight

4.3 kg /9.5 lbs



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TRU-GCD120HB

Introducing a New Premium Experience

250W HID Replacement



Dimming functions are supported by option.

* Three in One (1-10V DC or PWM Signal or Resistance)

* Timer - Contact TRULUX for details.

Specifications

Electrical Specifications:

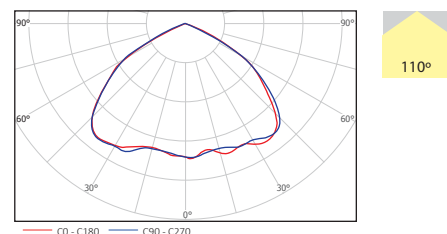
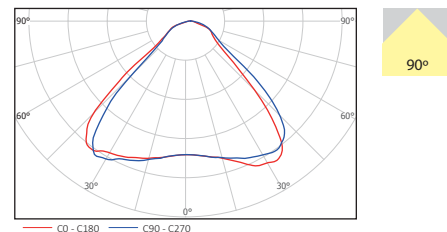
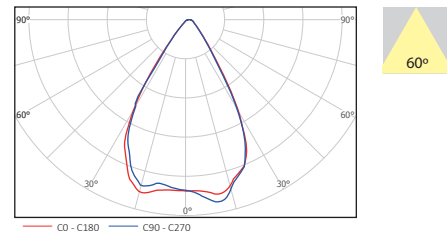
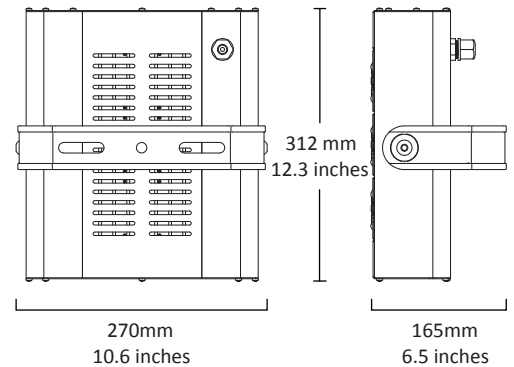
Model No.	TRU-GCD120HB
Nominal Wattage	120W
Nominal Voltage	AC 100-240V /277V, 50/60Hz
Maximum Current	AC 1.23A -120V, 0.62A -240V, 0.53A -277V
Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.9
Driver Efficiency	> 90%

Photometric Specifications:

Lumen Output	11400 lm (+/- 5%)
Photometric Type	60° 90° 110°
CRI	> 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	IP66, IK10
Lumen Maintenance	> 60,000 hours -L ₇₀ (9K), @25 °C (77 °F)
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	312 x270 x165 mm 12.3 x10.6 x6.5 inches
Fixture Weight	4.4 kg /9.7 lbs



Packing Type

1unit(s) /ctn.

Packing Dimension

430 x370 x200 mm
17.0 x14.6 x7.9 inches

Packing Weight

5.2 kg /11.5 lbs



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TRU-GCD160HB

Introducing a New Premium Experience

Brighter
250W HID Replacement



Dimming functions are supported by option.

* Three in One (1-10V DC or PWM Signal or Resistance)

* Timer - Contact TRULUX for details.

Specifications

Electrical Specifications:

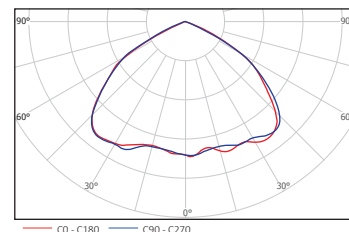
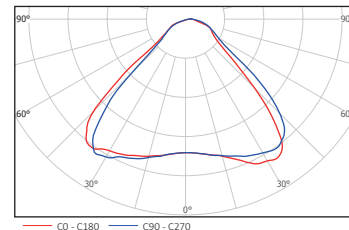
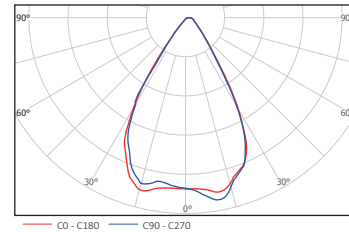
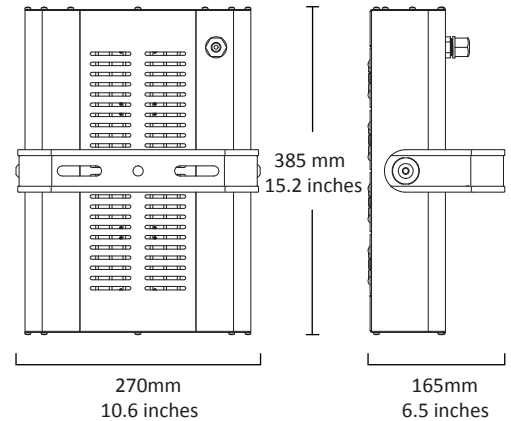
Model No.	TRU-GCD160HB
Nominal Wattage	160W
Nominal Voltage	AC 100-240V /277V, 50/60Hz
Maximum Current	AC 1.65A -120V, 0.82A -240V, 0.71A -277V
Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.9
Driver Efficiency	> 90%

Photometric Specifications:

Lumen Output	15200 lm (+/- 5%)
Photometric Type	60° 90° 110°
CRI	> 70 CRI
CCT	4000K 5000K 5700K

Mechanical Specifications:

Ratings	IP66, IK10
Lumen Maintenance	> 60,000 hours -L ₇₀ (9K), @25 °C (77 °F)
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	385 x270 x165 mm 15.2 x10.6 x6.5 inches
Fixture Weight	5.2 kg /11.5 lbs



Packing Type

1 unit(s) /ctn.

Packing Dimension

505 x370 x200 mm
19.9 x14.6 x7.9 inches

Packing Weight

6.1 kg /13.4 lbs



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TRU-GCD200HB

Introducing a New Premium Experience

400W HID Replacement



Dimming functions are supported by option.

* Three in One (1-10V DC or PWM Signal or Resistance)

* Timer - Contact TRULUX for details.

Specifications

Electrical Specifications:

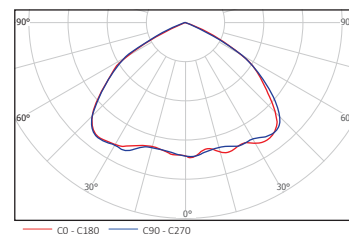
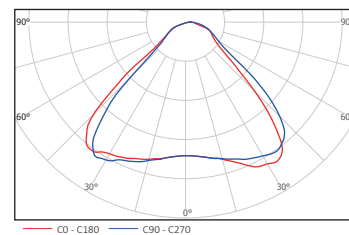
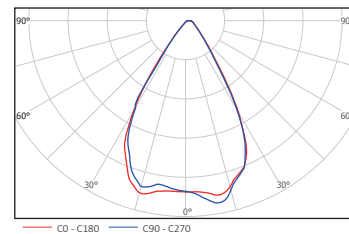
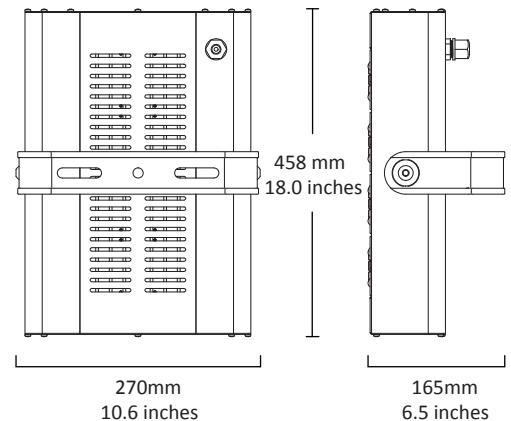
Model No.	TRU-GCD200HB
Nominal Wattage	200W
Nominal Voltage	AC 100-240V /277V, 50/60Hz
Maximum Current	AC 2.06A -120V, 1.03A -240V, 0.89A -277V
Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.9
Driver Efficiency	> 90%

Photometric Specifications:

Lumen Output	19000 lm (+/- 5%)
Photometric Type	60° 90° 110°
CRI	> 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	IP66, IK10
Lumen Maintenance	> 60,000 hours -L ₇₀ (9K), @25 °C (77 °F)
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	458 x270 x165 mm 18.0 x10.6 x6.5 inches
Fixture Weight	6.1 kg /13.4 lbs



Packing Type

1 unit(s) /ctn.

Packing Dimension

580 x370 x200 mm
22.8 x14.6 x7.9 inches

Packing Weight

7.1 kg /15.7 lbs



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TRU-GCD240HB

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Brighter
400W HID Replacement



Dimming functions are supported by option.

* Three in One (1-10V DC or PWM Signal or Resistance)

* Timer - Contact TRULUX for details.

Specifications

Electrical Specifications:

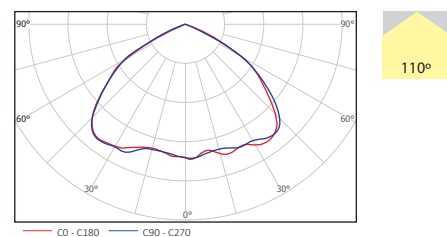
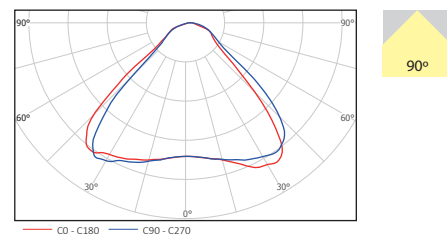
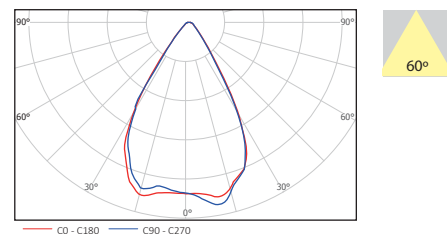
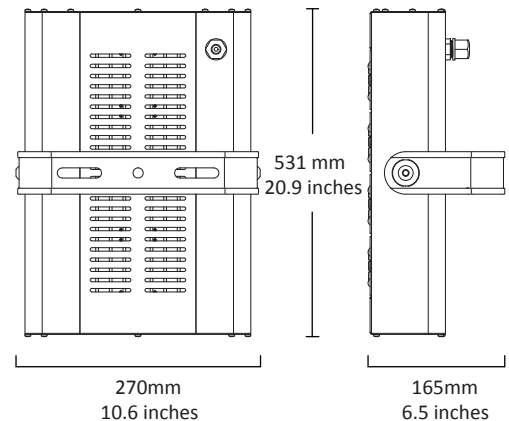
Model No.	TRU-GCD240HB
Nominal Wattage	240W
Nominal Voltage	AC 100-240V /277V, 50/60Hz
Maximum Current	AC 2.47A -120V, 1.23A -240V, 1.07A -277V
Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.9
Driver Efficiency	> 90%

Photometric Specifications:

Lumen Output	22800 lm (+/- 5%)
Photometric Type	60° 90° 110°
CRI	> 70 CRI
CCT	<div><div>4000K</div><div>5000K</div><div>5700K</div></div>

Mechanical Specifications:

Ratings	IP66, IK10
Lumen Maintenance	> 60,000 hours -L ₇₀ (9K), @25 °C (77 °F)
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	531 x270 x165 mm 20.9 x10.6 x6.5 inches
Fixture Weight	6.8 kg /15.0 lbs



Packing Type

1 unit(s) /ctn.

Packing Dimension

650 x370 x200 mm
25.6 x14.6 x7.9 inches

Packing Weight

7.9 kg /17.4 lbs



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