

ART Centric Lighting Datasheet



CE IP20

ART Centric Lighting is a collection of lighting fixtures that prioritizes the most effective ways of lighting works of art, both from a technical and narrative point of view. The ART centric Lighting products are not simply light sources with an elegant, non-invasive design, but they are fixtures with professional optics that generate high-quality, adjustable light. The basic principle behind ART Centric Lighting is to respect the works of art, and turn them into stars, like actors on a stage.

Benefits

- Best quality light
 - CRI up to 97
 - SDCM<3
 - No UV and no IR, no damage to the art works
 - High level of illumination on lower lux

Most flexible

- Dimming range 0~100%
- Adjustable CCT version available
- Adjustable beam angle*, adjustable lighting shape*
- Full control options: Manual, BLE, DMX, DALI

Easy handling

- Discreet shape & design
- Smooth incorporated into room concept
- Precision & flexibility by setting

*Applicable for specific models

Applications

- Museums
- Art galleries
- Exhibition
- Private collections

ART Centric Lighting

Technical Data (Tunable White)

Optical Specifications

| | APPLAUD | CHARMY | ADMIRE | RESPECT |
|---------------|---------------|--------------------------|--------------------------|--------------------|
| Luminous Flux | 1200 lm | 2400 lm | 1200 lm | 1200 lm |
| Efficacy | 60 lm/W | 72 lm/W | 60 lm/W | 60 lm/W |
| CCT | 2800K-5600K | 1800K-5200K | 2800K-5600K | 2800K-5600K |
| CRI | ≥94 | ≥95 | ≥94 | ≥94 |
| SDCM | <3 | | | |
| Beam Angle | 16°, 33°, 40° | Variable from 18° to 50° | Variable from 12° to 45° | 12°, 18°, 40°, 60° |

Electrical and Mechanical Specifications

| | APPLAUD | CHARMY | ADMIRE | RESPECT |
|-------------------|---------------------------------|--|---|---------------------------------|
| Input Voltage | 120-277V AC 50/60Hz | 84-264V AC 50/60Hz | 120-277V AC 50/60Hz | 120-277V AC 50/60Hz |
| Power Consumption | 20W | 33W | 20W | 20W |
| Power Factor | >0.9 | | | |
| Surge protection | Line to Line 1KV | | | |
| Dimensions (mm) | 218 mm x ø83 mm 8.6" x ø3.2" | 209-269 mm x ø121 mm 8.2"-10.6" x ø4.8" | 240-280 mm x ø83 mm 9.4"-11" x ø3.2" | 118 mm x ø83 mm 4.6" x ø3.2" |
| Weight (kg) | 2.4 Kg (5.2 lbs) | 2.1 Kg (4.6 lbs) | 2.1 Kg (4.6 lbs) | 1.2 Kg (2.6 lbs) |
| Luminaire Body | Die-cast aluminum | | | |

System Specifications

| | APPLAUD | CHARMY | ADMIRE | RESPECT |
|-----------------------|---------------------------------------|--------|--------|---------|
| Power | AC line | | | |
| Control | Manual, DALI, Bluetooth, DMX , RDM | | | |
| Mounting | Track mounting | | | |
| Track | Three-phase six line track | | | |
| Operating Temperature | 0°C to +35°C | | | |
| Storage Temperature | -20°C to +60°C | | | |
| Environment | Indoor (IP20) | | | |
| Lumen Maintenance | L70@25°C-50,000hrs | | | |
| Safety Approval | Electrical Protection Class I, CE, UL | | | |

Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from typical data.

Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

ART Centric Lighting

Technical Data (Fixed White)

Optical Specifications

| | APPLAUD | ADMIRE | RESPECT |
|---------------|---|--------------------------|--------------------|
| Luminous Flux | 2200 lm (@ 2700K), 2250 lm (@ 3000K), 2300 lm (@ 4000K) | | |
| Efficacy | 76 lm/W | | |
| CCT | 2700K, 3000K, 4000K | | |
| CRI | ≥97 | | |
| SDCM | <3 | | |
| Beam Angle | 16°, 33°, 40° | Variable from 12° to 45° | 12°, 18°, 40°, 60° |

Electrical and Mechanical Specifications

| | APPLAUD | ADMIRE | RESPECT |
|-------------------|---------------------------------|---|---------------------------------|
| Input Voltage | 120-277V AC 50/60Hz | | |
| Power Consumption | 30W | | |
| Power Factor | >0.9 | | |
| Surge protection | Line to Line 1KV | | |
| Dimensions (mm) | 218 mm x ø83 mm 8.6" x ø3.2" | 240-280 mm x ø83 mm 9.4"-11" x ø3.2" | 118 mm x ø83 mm 4.6" x ø3.2" |
| Weight (kg) | 2.4 Kg (5.2 lbs) | 2.1 Kg (4.6 lbs) | 1.2 Kg (2.6 lbs) |
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System Specifications

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|-----------------------|---------------------------------------|--------|---------|
| Power | AC line | | |
| Control | Manual, DALI, Bluetooth, DMX , RDM | | |
| Mounting | Track mounting | | |
| Track | Three-phase six line track | | |
| Operating Temperature | 0°C to +35°C | | |
| Storage Temperature | -20°C to +60°C | | |
| Environment | Indoor (IP20) | | |
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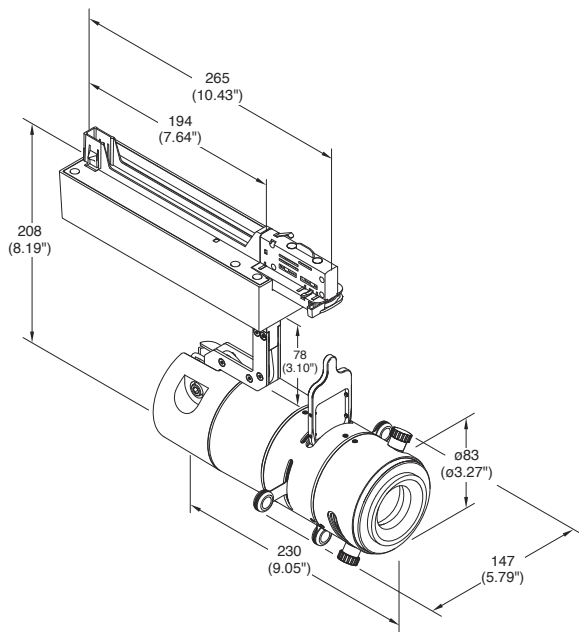
Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

ART Centric Lighting

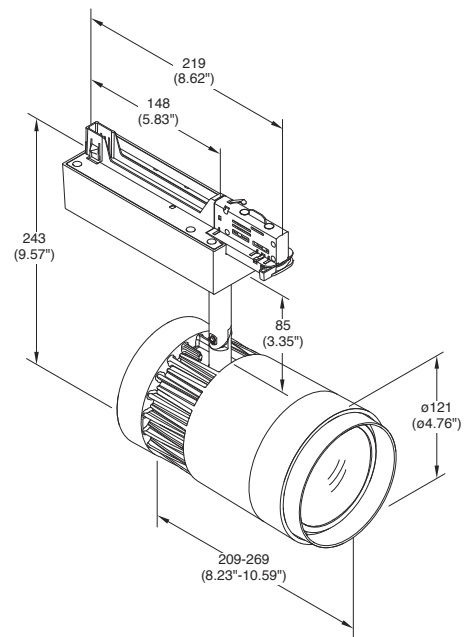
Dimensions

Unit: mm

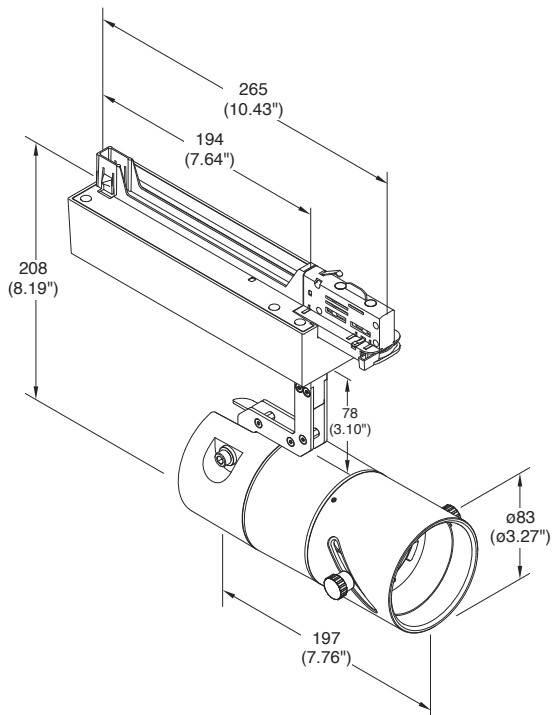
APPLAUD



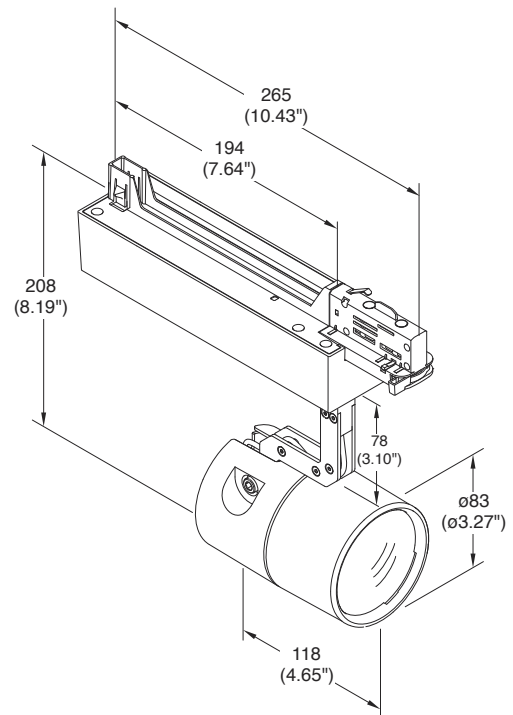
CHARMY



ADMIRE



RESPECT

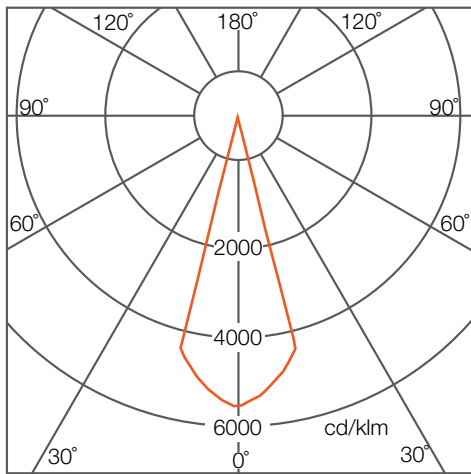


ART Centric Lighting

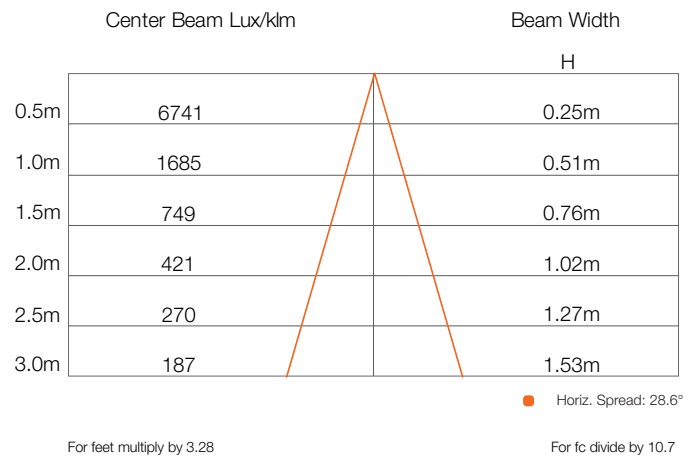
Photometrics

Light Distribution Curve

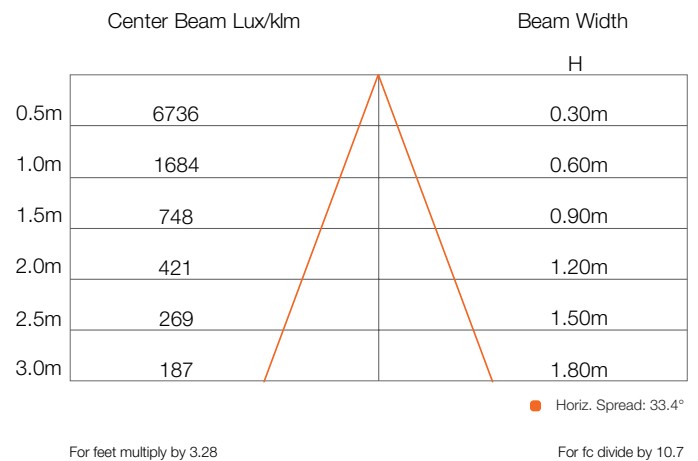
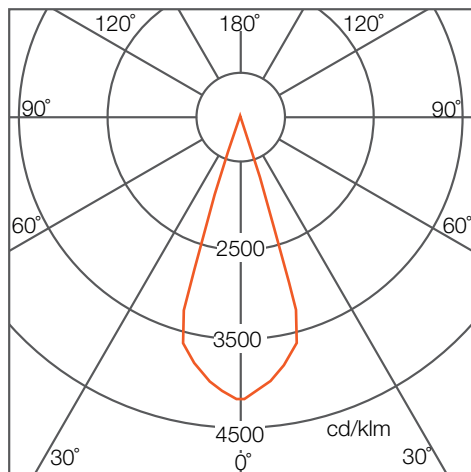
APPLAUD with shutter



Illuminance at a distance



APPLAUD without shutter



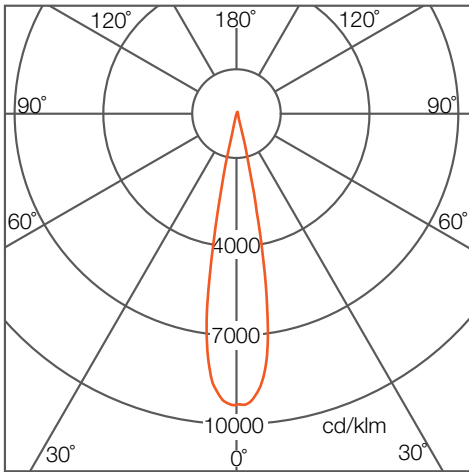
Due to the manufacturing processes of LED, the polar candela distribution and distance luminaries only reflect statistical figures and do not necessarily correspond to the actual parameters of individual product that may differ from the typical values.

ART Centric Lighting

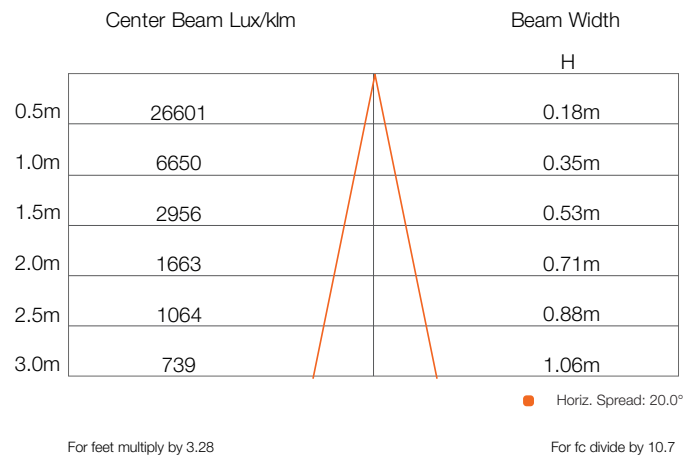
Photometrics

Light Distribution Curve

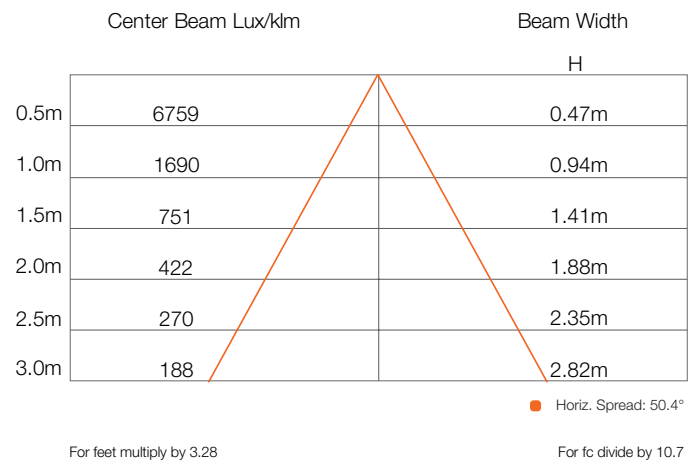
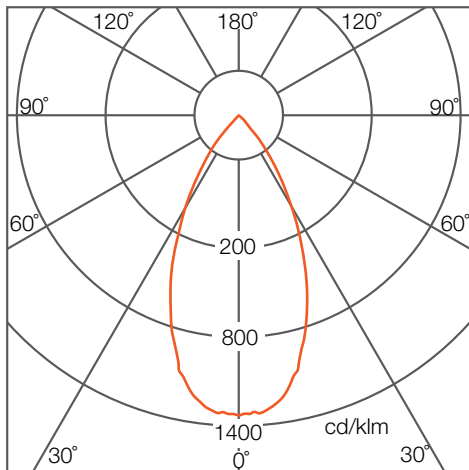
CHARMY Narrow



Illuminance at a distance



CHARMY Wide



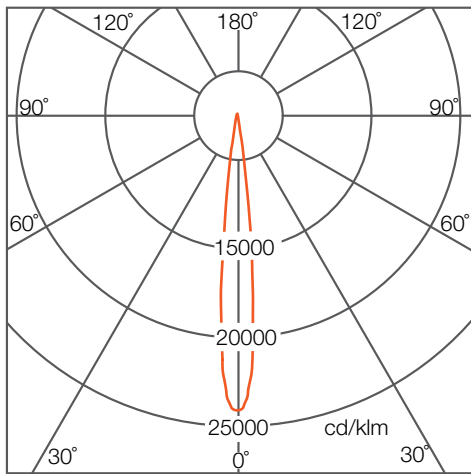
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ART Centric Lighting

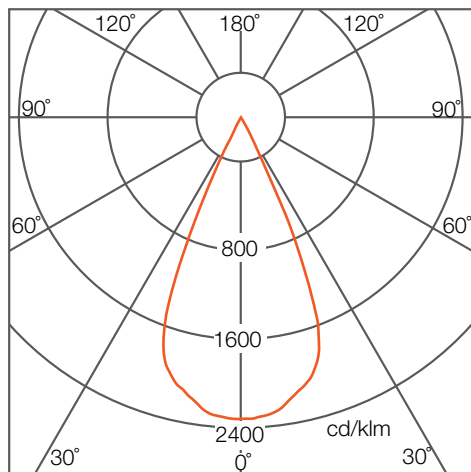
Photometrics

Light Distribution Curve

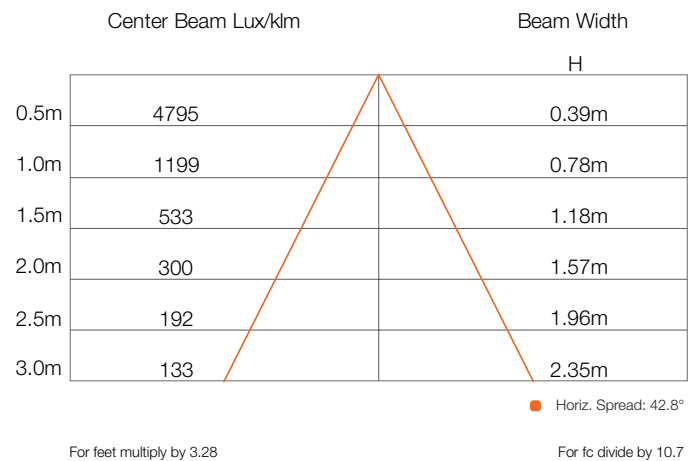
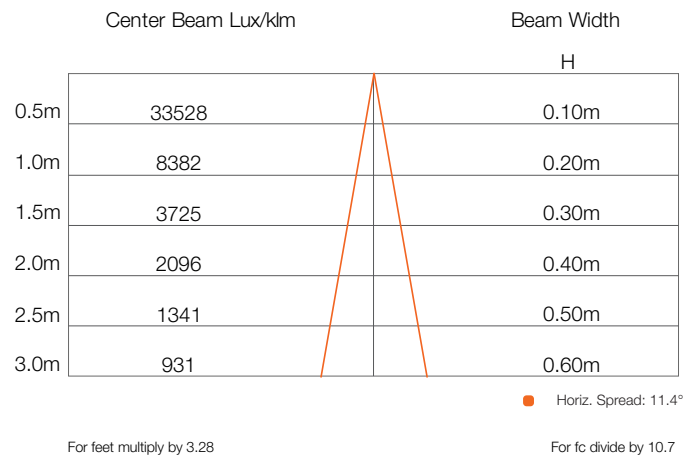
ADMIRE Narrow



ADMIRE Wide



Illuminance at a distance



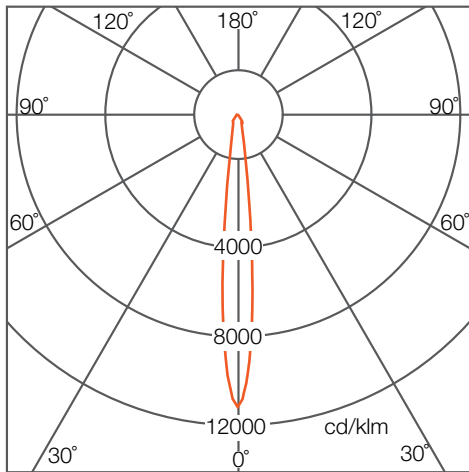
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ART Centric Lighting

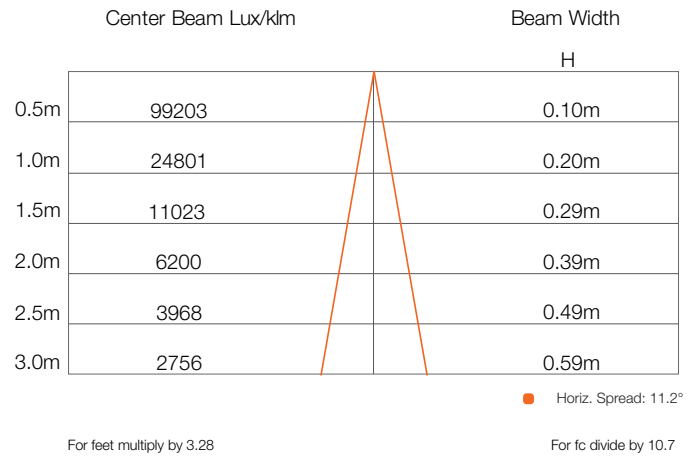
Photometrics

Light Distribution Curve

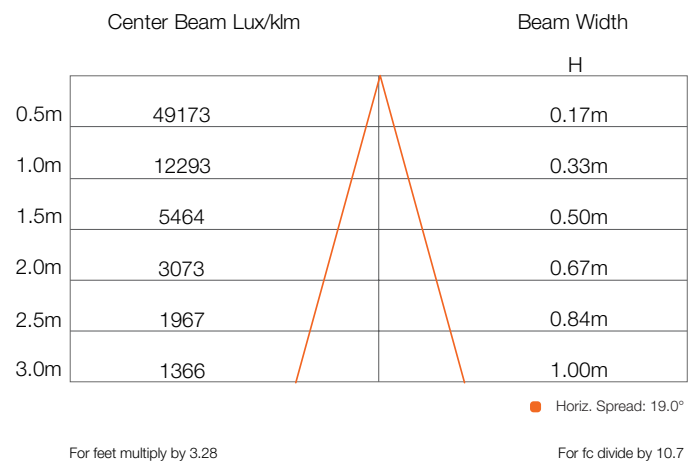
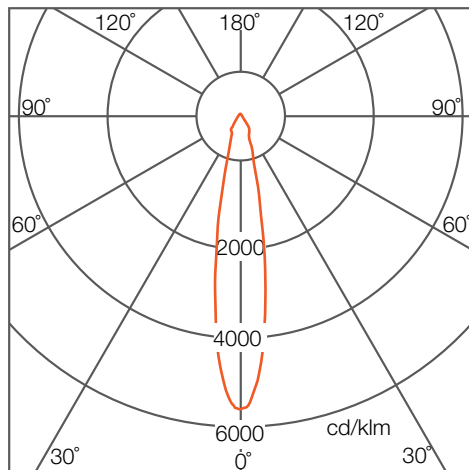
RESPECT 15°



Illuminance at a distance



RESPECT 25°

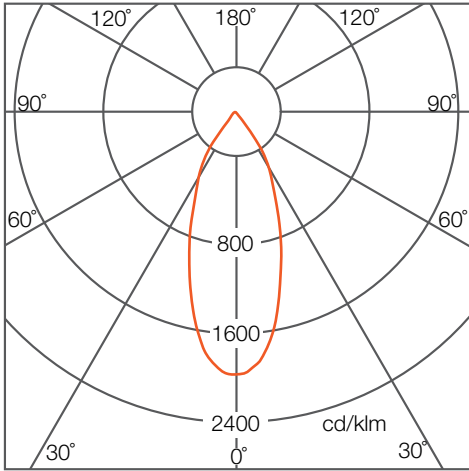


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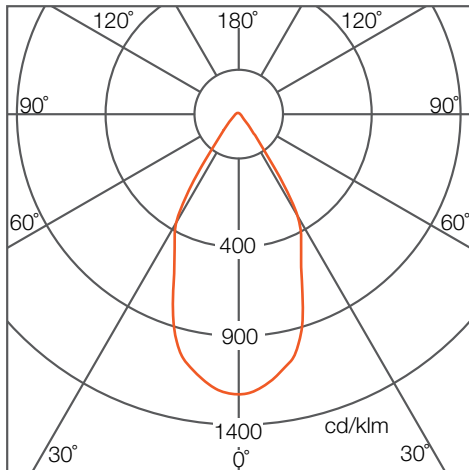
ART Centric Lighting Photometrics

Light Distribution Curve

RESPECT 40°



RESPECT 60°



Illuminance at a distance

