

ASLC Series

205W Dimmable LED Canopy Light



Model: CAN1/205W/DM

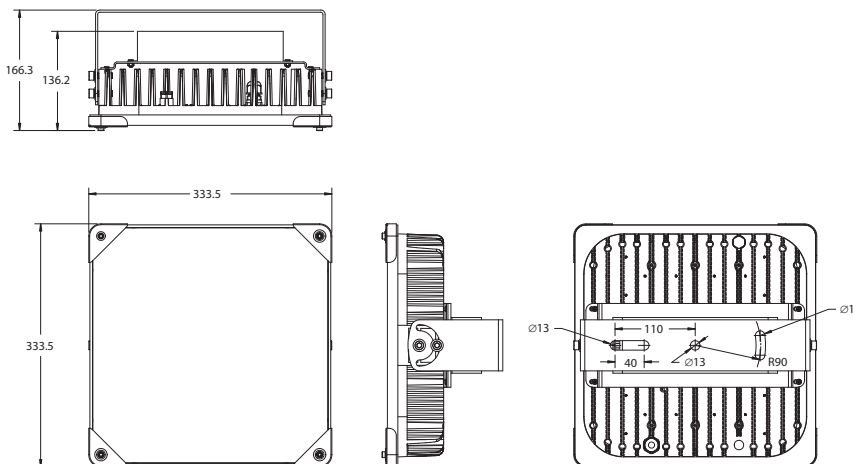
Avago Lighting

Changing the way you look at light

Description

The ASLC Series LED Canopy Light is a high performance, energy-saving and environmentally friendly luminaire that is designed to replace conventional light sources such as Metal Halide and High Pressure Sodium. The ASLC Series LED Canopy Light features an optimum reflector design that provides a uniform downward distribution of light which makes it a perfect fit for various indoor and outdoor applications such as mall lighting, airport or train station lighting, highbay, low-bay or warehouse lighting, factory or lobby lighting and exhibition hall lighting.

Dimensions



Notes:

1. Dimensions shown in mm.
2. Net weight: 8.3kg.

Features

- 205W power consumption
- High flux output of 16900lm at 5700K CCT
- Replacement for 400W Metal Halide
- Available in 30°, 90° and 80° x 50° beam angle
- Available in 5700K, 4000K and 3000K CCT
- IP65 rated
- Energy saving more than 50%
- 100-277V AC, 50/60Hz input
- Operating temperature of -30°C to 45°C
- Flicker-free operation and turn-on
- RoHS compliant
- Dimming capability
- Mounting options available: mounting bracket and suspension cable



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Specifications

Model	Wattage	Beam Angle	Part Number	CCT	CRI	Flux Output	Efficiency	THD	Power Factor	Voltage ¹
CAN1/205W/DM	205W	30°	ASLC-2205C030FD	5700K (Daylight White)	70	15500lm	76lm/W	<15%	>0.9	100-277V AC
			ASLC-2205C030DD	4000K (Cool White)	65	14800lm	72lm/W			
			ASLC-2205C030BD	3000K (Warm White)	85	12300lm	60lm/W			
		90°	ASLC-2205C090FD	5700K (Daylight White)	70	16900lm	82lm/W			
			ASLC-2205C090DD	4000K (Cool White)	65	16300lm	80lm/W			
			ASLC-2205C090BD	3000K (Warm White)	85	13500lm	66lm/W			
		80° x 50°	ASLC-2205C8V5FD	5700K (Daylight White)	70	15020lm	73lm/W			
			ASLC-2205C8V5DD	4000K (Cool White)	65	14350lm	70lm/W			
			ASLC-2205C8V5BD	3000K (Warm White)	85	11200lm	55lm/W			

Notes:

1. Tolerance: ±10%

Construction

Housing	Die-cast aluminum alloy
Finishing	Grey powder-coated
Lens Cover	Clear tempered glass

Packaging Details

- Quantity / Carton: 1 piece
- Gross Weight / Carton: 9.2kg
- Carton Dimension (L x W x H): 385 x 385 x 185mm

Ordering Information

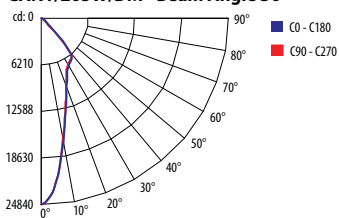
Example: ASLC-2205C030FD

Series	Internal Code	Wattage	Voltage	Beam Angle	CCT	Option
ASLC	2	205 – 205W	C – 100-277V AC	030 – 30° 090 – 90° 8V5 – 80° x 50°	F – 5700K D – 4000K B – 3000K	D – Dimmable

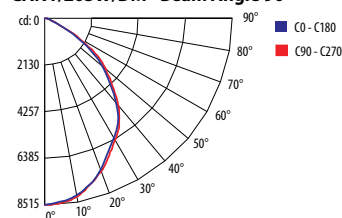
Photometrics Data

Polar Candela Curve

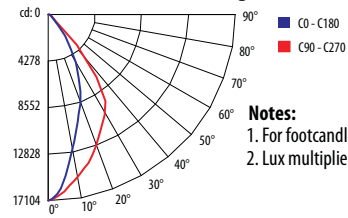
CAN1/205W/DM - Beam Angle 30°



CAN1/205W/DM - Beam Angle 90°



CAN1/205W/DM - Beam Angle 80° x 50°



Notes:

- For footcandle, fc multiply lux by 0.09
- Lux multiplier: 5700K - 1.00
4000K - 0.96
3000K - 0.80

Illuminance Cone

CAN1/205W/DM - Beam Angle 30°

Distance (m)	Center Beam Lux	Beam Width (m)
5.0 m	1016 lx	2.8 m 2.8 m
6.0 m	712 lx	3.3 m 3.3 m
7.0 m	530 lx	3.9 m 3.9 m
8.0 m	405 lx	4.4 m 4.4 m
9.0 m	324 lx	5.0 m 5.0 m
10.0 m	265 lx	5.5 m 5.5 m

■ Vertical Spread: 30.2°
■ Horizontal Spread: 30.5°

CAN1/205W/DM - Beam Angle 90°

Distance (m)	Center Beam Lux	Beam Width (m)
5.0 m	380 lx	10.0 m 10.0 m
6.0 m	270 lx	12.0 m 12.0 m
7.0 m	200 lx	14.0 m 14.0 m
8.0 m	155 lx	16.0 m 16.0 m
9.0 m	180 lx	18.0 m 18.0 m
10.0 m	102 lx	20.0 m 20.0 m

■ Vertical Spread: 90.2°
■ Horizontal Spread: 90.0°

CAN1/205W/DM - Beam Angle 80° x 50°

Distance (m)	Center Beam Lux	Beam Width (m)
5.0 m	676 lx	4.2 m 7.7 m
6.0 m	471 lx	5.0 m 9.2 m
7.0 m	347 lx	5.8 m 10.8 m
8.0 m	267 lx	6.7 m 12.3 m
9.0 m	212 lx	7.5 m 13.8 m
10.0 m	172 lx	8.3 m 15.4 m

■ Vertical Spread: 47.2°
■ Horizontal Spread: 77.1°

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