CANNON 280

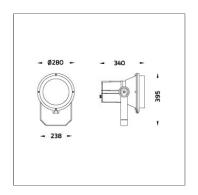
SPOTLIGHT

Unilamp

LAST UPDATE: 25-08-2025



By its very name Cannon has a robust construction and is suitable in applications that require high lighting levels from medium to long distance. A wide range of mounting accessories including ground mounting base, pole top mounting adaptor, wall/pole mounting arm and pole clamp are available. This luminaire family utilizes a high power COB LED with CRI 80+ in three steps SDCM. Version with HID light source is also available. CANNON is available in two sizes with mid-narrow, mid-wide and very wide beam angle in 2700K, 3000K and 4000K. The top performance reflectors used in this power projector are designed by high-end lighting engineering software. The integrated aiming scale allows the lighting designers to have confidence that the light will be distributed exactly on the desired surface. CANNON is suitable to light up medium-sized to large-sized objects or areas such as billboards, building facades, public parks, pedestrian, statues and public landmarks.



Technical Data



Lamp: LED 37° Beam: CCT: 2700 K CRI: CRI >80 SDCM: SDCM = 3Lamp Lumen: 7110 lm Luminaire Lumen : 5460 lm Lamp Wattage: 52 W Luminaire Wattage: 60 W 91 lm/W

Lumen Maintenance L70B10 >90,000 h

50°C

DIM 1-10V

Input Voltage: 220-240Vac 50/60Hz

Net Weight: 7.40 kg.

Efficacy:

Controller:

Ambient Temperature :

Ordering code guide XXXX-X-X-XXX-XX À Product Code Reflector Electrical Component C D Lamp Color



Icon definition

online@unilamp.co.th

www.unilamp.co.th

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Specification

IEC Standard IEC 60598-1 General Requirement

IEC 60598-2-1 Fixed Luminaires

Protection IP66 Class I

IK Rating Protection against mechanical impact IKO9 on body and optical part.

Luminaires Body Housing High-pressure die cast aluminum alloy body and components.

Coating Process Nano Ceramic surface conversion, resistant to corrosive environment. Luminiare primarily coated with epoxy resin and top coated

with UV stabilized polyester powder and cured in digital temperature controlled chamber at 200°C.

Diffuser Impact resistant safety tempered glass cover. Able to withstand the temperature up to 250°C.

Reflector High performance anodized spun aluminum reflector.

Adjustable Optic Adjustable aiming unit through graduated scale.

Gasket Post-cured treated silicone gasket. Temperature and weather resistant. Working temperature -40°C to +200°C.

External Screws External screws are in stainless steel with protection grease.

Cable Entry Cable entry protected by M2O cable gland. To be used with HO5RN-F/ HO7RN-F cable with 7–13mm. diameter.

Led High efficiency LED module in COB technology. Assembled on MCPCB and mounted on to heat conductive material.

Driver High quality Dimmable Driver (1–10V) in constant current. Conform to applicable safety standards and electromagnetic compatibility.

Enhanced Protection The luminaire is equipped with a 10kV surge protection device, the function of the protector is indicated by a LED, performance in

compliance with IEC61643-11

Internal Wire Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C.

Terminal Block Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved.

Class1 luminaire provided with the earth connection.

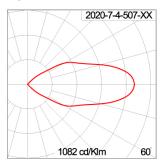
Pre-Wire Cable Pre-wired with 5-core cable for power (3x1 sqmm.) and dimming signal (2x0.35 sqmm.).

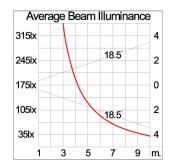
Caution Installation work has to be carried on according to the enclosed installation manual.

Color



Light Distribution





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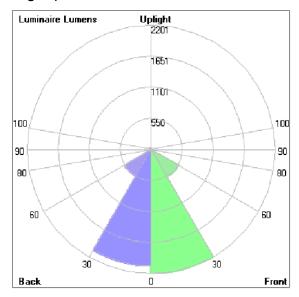
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Bug Report



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	2201.4	24.5	40.3
FM	[30-60]	562.9	6.3	10.3
FH	[60-80]	26.3	0.3	0.5
FVH	[80-90]	1.0	0.0	0.0
BL	[0-30]	2069.1	23.0	37.9
ВМ	[30-60]	550.3	6.1	10.1
ВН	[60-80]	28.2	0.3	0.5
BVH	[80-90]	0.9	0.0	0.0
UL	[90-100]	0.0	0.0	0.0
UH	[100-180]	20.1	0.2	0.4
Total		5460.2	60.7	100.0
BUG Rating		B3-U2-G0		

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Accessories



Ordering Code: AUN-CON-0011-00 IP68 connection device, cable diameter 7.1-13mm, 1-10V or DALI



Ordering Code:
AUN-CON-0012-00
IP68 connection device 5
pole, cable diameter
7.1-13mm, with distribution
block , 1-10V or DALI



Ordering Code: AUN-GHS-0022-00 Glare shield ring, COB



Ordering Code: AUN-CON-0014-00 IP68 connection device, cable diameter 8-12.5mm, 1-10V or DALI



Ordering Code: STEEL-POLE-FOR-CANNON-280 Please contact Sales Representative



Ordering Code: AUN-GHS-0008-XX Glare shield cap



Ordering Code: AUN-CLP-0001-XX Pole clamp, pole diameter 114mm



Ordering Code: AUN-ACB-0009-00 Anchor bolt kit, pole diameter 114 and 114/140, galvanized steel pole



Ordering Code: AUN-ACB-0008-00 Anchor bolt kit, pole diameter 102mm and 151x102mm, galvanized steel pole



Ordering Code: AUN-ACB-0005-00 Anchor bolt kit, aluminum pole



Ordering Code: AUN-MOT-OOO1-XX Pole mount adaptor, spigot diameter 76mm for CANNON



Ordering Code: AUN-MOT-0002-XX Wall or pole mounting arm, pole diameter 114mm for CANNON

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Ordering Code: AUN-MOT-0003-XX Mounting base, rotateable, 1-10V or DALI for CANNON



Ordering Code: AUN-MOT-0004-XX Wall or pole mounting arm, pole diameter 114mm, double sided for CANNON



Ordering Code: ALUMINUM-POLE-FOR-CANNON-280 Please contact Sales Representative