#### MEDIUM CETUS - WITHOUT BASE

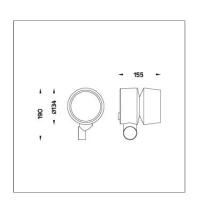
**SPOTLIGHT** 

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CETUS is the next generation circular shaped projector designed for strict energy efficiency requirements as well as modular and versatile use cases. The control gear lifetime is extended by thermal isolation from the light source. The optional built in surge protection device reinforces CETUS ability to withstand toughest ambient conditions. CETUS is equipped with the Vent to rapidly equalize pressure potential in case of rapidly changing ambient conditions. Ultra—tough silica—boron trioxide glass is used for superior chemical resistance and class leading IKO9 impact resistance. The Unilamp modular solutions system allows adoption of CETUS to any type of installation requirement even years after delivery. Circular economy assessment according to CIBSE TM66 is available on request.



#### **Technical Data**



Ordering Code: 5992-B-3-902-XX

Lamp: LED 27° Beam: CCT: 3000 K CRI: CRI >80 SDCM: SDCM = 3Lamp Lumen: 3460 lm Luminaire Lumen : 2280 lm Lamp Wattage: 20 W Luminaire Wattage: 21 W 108 lm/W Efficacy:

Lumen Maintenance L70B10 >60,000 h

Controller: On-Off

Ambient Temperature :

Input Voltage: 220–240Vac 50/60Hz

50°C

Net Weight: 2.40 kg.



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

Protection against mechanical impact IK10 on body and IK08 on optical part. IK Rating

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

**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.

Molded PC lens from renowned manufacturers in various light distribution patterns. 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 are in stainless steel with protection grease. External Screws

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 constant current LED driver. Conform to safety standard and electromagnetic compatibility standard. 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.

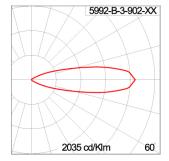
Caution Installation work has to be carried on according to the enclosed installation manual.

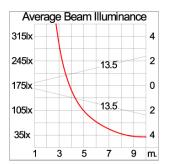
Color

Lens



#### **Light Distribution**





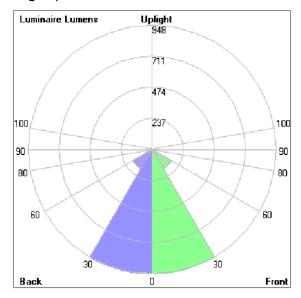
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### **Bug Report**



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	948.0	27.4	41.6
FM	[30-60]	167.5	4.8	7.3
FH	[60-80]	21.4	0.6	0.9
FVH	[80-90]	0.2	0.0	0.0
BL	[0-30]	948.0	27.4	41.6
ВМ	[30-60]	167.5	4.8	7.3
ВН	[60-80]	21.4	0.6	0.9
BVH	[80-90]	0.2	0.0	0.0
UL	[90-100]	0.1	0.0	0.0
UH	[100-180]	5.5	0.2	0.2
Total		2279.8	65.8	100.0
BUG Rating		B2-U1-G0		

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#### Accessories



Ordering Code: AUN-ACB-0014-00 Anchor bolt kit, bollard



Ordering Code: AUN-CON-0009-00 IP68 connection device, cable diameter 5-9.5mm, On-Off



Ordering Code: AUN-CON-0013-00 IP68 connection device, cable diameter 7-11.5mm, On-Off



Ordering Code: AUN-MOT-0013-XX Pole mounting arm, for 1-3 projector



Ordering Code: AUN-CLP-0008-XX Pole clamp, pole diameter 102-105mm, for wall or pole mounting arm



Ordering Code: AUN-CLP-0009-XX Pole clamp, pole diameter 60-76mm, for wall or pole mounting arm



Ordering Code: AUN-ESP-0001-00 Earth spike, GFR polymer



Ordering Code: AUN-TRS-0001-00 Tree strap, small mounting base



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-OO21-XX Mounting base, rotateable, On-Off, pre-assembly from factory



Ordering Code: AUN-POL-0043-XX Cylindrical aluminum pole, diameter 105mm, H= 522mm, [pre-assembled from factory]

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Ordering Code: AUN-MOT-OO18-XX Outrigger arm, L= 740mm, On-Off, pre-assembly from factory



Ordering Code: AUN-MOT-0034-XX Pole mount adaptor, pole diameter 76mm, On-Off, pre-assembly from factory



Ordering Code: AUN-CLP-0044-XX Pole clamp, pole diameter 60-76mm, double sided luminaire mounting, On-Off, pre-assembly from factory



Ordering Code:
AUN-ESP-0008-XX
Earth spike, L= 900mm,
aluminum, On-Off,
pre-assembly from factory



Ordering Code: AUN-MOT-0036-XX Pole mount adaptor, pole diameter 102-105mm, On-Off, pre-assembly from factory



Ordering Code: AUN-CLP-0046-XX Pole clamp, pole diameter 102-105mm, double sided luminaire mounting, On-Off, pre-assembly from factory



Ordering Code:
AUN-MOT-0038-XX
Pole mount adaptor,
rectangular pole, On-Off,
pre-assembly from factory



Ordering Code: AUN-CLP-0040-XX Pole clamp, pole diameter 60-76mm, single side luminaire mounting, On-Off, pre-assembly from factory



Ordering Code: AUN-ESP-0023-XX Earth spike, L= 1390-1760mm, aluminum, length adjustable, On-Off, pre-assembly from factory



Ordering Code: AUN-MOT-0032-XX Pole mount adaptor, pole diameter 60mm, On-Off, pre-assembly from factory



Ordering Code: AUN-CLP-0042-XX Pole clamp, pole diameter 102-105mm, single side luminaire mounting, On-Off, pre-assembly from factory



Ordering Code: AUN-GSH-0043-00 Honeycomb louver, COB, pre-assembly from factory

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Ordering Code: AUN-GSH-0048-XX Glare shield cap, pre-assembly from factory



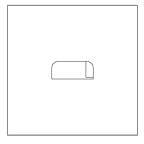
Ordering Code: AUN-GSH-0050-XX Snoot, pre-assembly from factory



Ordering Code: Please contact Sales Representative



Ordering Code: ALUMINUM-POLE-FOR-CETUS-SPOTLISFHEL-POLE-FOR-CETUS-SPOTLIGHT Please contact Sales Representative



Ordering Code: AUN-SUR-0002-00 Surge protection, 10kV, DALI, pre-assembly from factory