### MEDIUM CETUS - U BRACKET

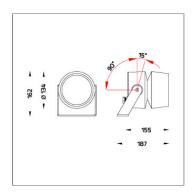
**SPOTLIGHT** 

LAST UPDATE: 20-10-2025





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 : 5997-D-3-902-XX

Lamp: LED 49° Beam: CCT: 3000 K CRI >80 CRI: SDCM: SDCM = 3Lamp Lumen: 3460 lm Luminaire Lumen : 2440 lm Lamp Wattage: 20 W Luminaire Wattage: 21 W 116 lm/W Efficacy:

Lumen Maintenance L70B10 >60,000 h

Controller: On-Off

Ambient Temperature :

Input Voltage: 220–240Vac 50/60Hz

50°C

Net Weight: 2.60 kg.

Ordering code guide

B
D
XXXX-X-X-XXX-XX
A
C
E

A Product Code
B Reflector
C Electrical Component
D Lamp
E 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 IK10 on body and IK08 on optical part.

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

Stamped 1100 Aluminum.

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.

Lens 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 External screws are in stainless steel with protection grease.

Cable Entry

Cable entry protected by M2O cable gland. To be used with H05RN-F/ H07RN-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.

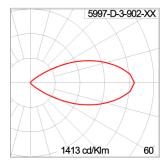
Pre-Wire Cable Pre-wired with 3x1.0 sqmm. HO7RN-F neoprene cable. IMQ approved.

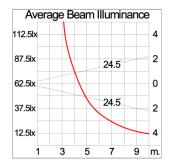
Caution Installation work has to be carried on according to the enclosed installation manual.

Color



### **Light Distribution**





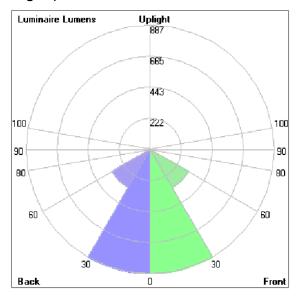
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## **Bug Report**



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	886.5	36.3	36.3
FM	[30-60]	315.0	12.9	12.9
FH	[60-80]	15.7	0.6	0.6
FVH	[80-90]	0.3	0.0	0.0
BL	[0-30]	886.5	36.3	36.3
ВМ	[30-60]	315.0	12.9	12.9
вн	[60-80]	15.7	0.6	0.6
BVH	[80-90]	0.3	0.0	0.0
UL	[90-100]	0.0	0.0	0.0
UH	[100-180]	4.9	0.2	0.2
Total		2439.9	99.8	100.0
BUG Rating		B2-U1-G0		

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### Accessories



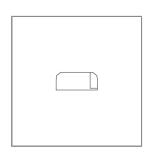
Ordering Code: AUN-CON-0009-00 IP68 connection device, cable diameter 5-9.5mm, On-Off



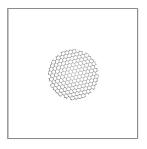
Ordering Code: AUN-GSH-0050-XX Snoot, pre-assembly from factory



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



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



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



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