CETUS

MEGA CETUS – WITHOUT BASE

SPOTLIGHT

Unilamp

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 IK09 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

CE | IP66 | IK 10/08 | ⏚ | TIS 1955-2551
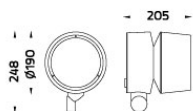
Ordering Code :	5994-D-3-891-XX
Lamp :	LED
Beam :	55°
CCT :	4000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	5190 lm
Luminaire Lumen :	3480 lm
Lamp Wattage :	31 W
Luminaire Wattage :	36 W
Efficacy :	96 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >60,000 h
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	4.20 kg.

Ordering code guide

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

A Product Code
B Reflector
C Electrical Component
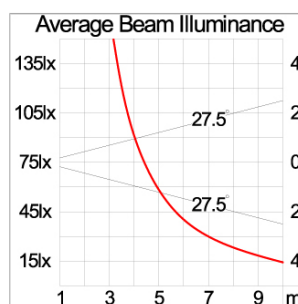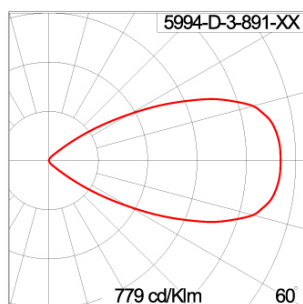D Lamp
E Color

IK BODY/OPTIC **Icon definition**

205 | 248 | Ø190

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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.
Coating Process	Nano Ceramic surface conversion, resistant to corrosive environment. Luminaire 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 M20 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. H07RN–F neoprene cable. IMQ approved.
Caution	Installation work has to be carried on according to the enclosed installation manual.
Color	Black 01
	Graphite 02
	Dark Grey 03
	Aluminum Silver 04
	White 06

Light Distribution

5994-D-3-891-XX

779 cd/Klm   60

Average Beam Illuminance

135lx		4
105lx	27.5	2
75lx		0
45lx	27.5	2
15lx		4

1 3 5 7 9 m.

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Bug Report

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	1237.1	23.8	35.6
FM	[30-60]	467.0	9.0	13.4
FH	[60-80]	31.6	0.6	0.9
FVH	[80-90]	0.6	0.0	0.0
BL	[0-30]	1237.1	23.8	35.6
BM	[30-60]	467.0	9.0	13.4
BH	[60-80]	31.6	0.6	0.9
BVH	[80-90]	0.6	0.0	0.0
UL	[90-100]	0.1	0.0	0.0
UH	[100-180]	6.9	0.1	0.2
Total		3479.6	66.9	100.0
BUG Rating		B3-U1-G0		
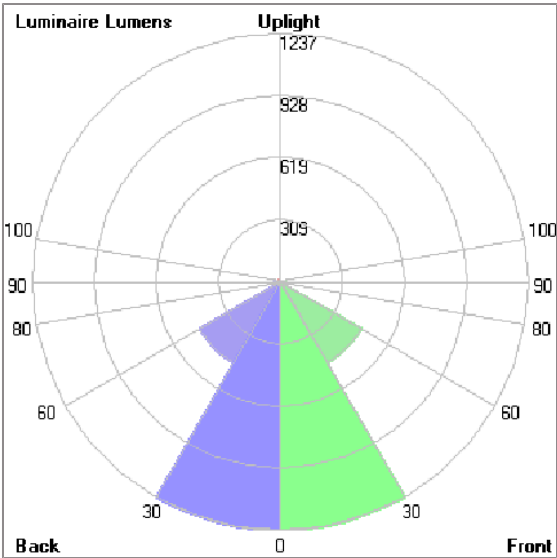
Lum. Classification System [LCS]

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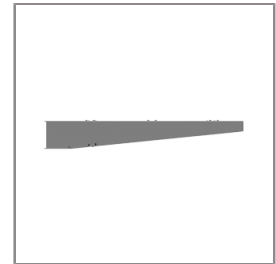
Ordering Code:
AUN-MOT-0013-XX
Pole mounting arm, for 1-3
projector

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-0021-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
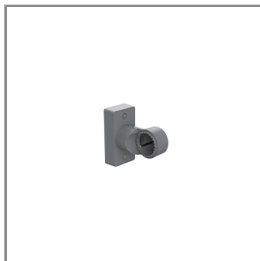from factory)

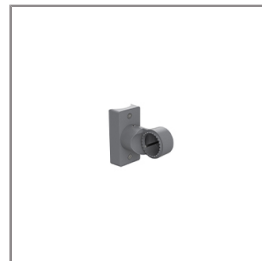# CETUS

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Ordering Code:
AUN-MOT-0018-XX
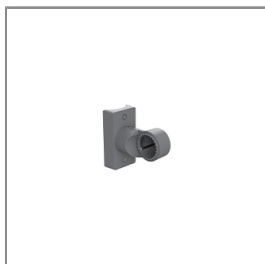Outrigger arm, L= 740mm,
On-Off, pre-assembly from
factory

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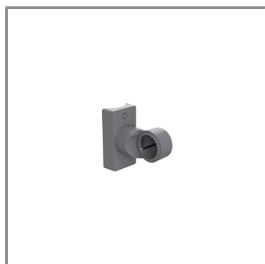pre-assembly from factory

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

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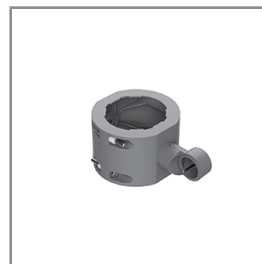diameter 60mm, On-Off,
pre-assembly from factory

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

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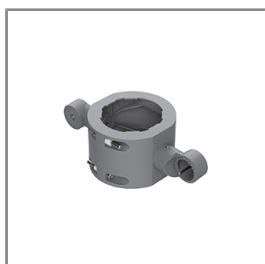diameter 102-105mm,
On-Off, pre-assembly from
factory

Ordering Code:
AUN-CLP-0040-XX
Pole clamp, pole diameter
60-76mm, single side
luminaire mounting ,
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-CLP-0044-XX
Pole clamp, pole diameter
60-76mm, double sided
luminaire mounting ,
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-ESP-0023-XX
Earth spike, L=
1390-1760mm, aluminum,
length adjustable, On-Off,
pre-assembly from factory

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

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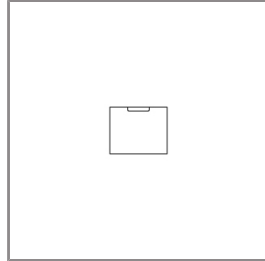
SPOTLIGHT

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

Ordering Code:
AUN-SUR-0001-00
Surge protection, 10kV,
On-Off, pre-assembly from
factory

Ordering Code:
AUN-GSH-0049-XX
Glare shield cap

Ordering Code:
AUN-GSH-0051-XX
Snoot

Ordering Code:
AUN-GSH-0056-00
Honeycomb louver, LED,
pre-assembly from factory