

BICEPS

BICEPS 4S

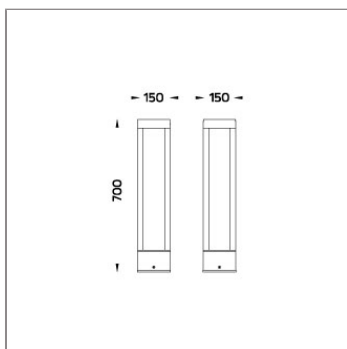
BOLLARD



LAST UPDATE: 05-08-2026



BICEPS is a family of luminaires designed for architectural spaces with functional low glare light output. Two different types of bollards and a light column make up the BICEPS family. The luminaires are suitable for pathways, parks, commercial areas and open spaces. Manufactured from corrosion resistant aluminum extrusions and a specially formulated LM6 aluminum alloy (LM6+), BICEPS is suitable for harsh environments.



Technical Data



Ordering Code :	7812-0-3-870-XX
Lamp :	ACCOB LED
CCT :	4000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	950 lm
Luminaire Lumen :	580 lm
Lamp Wattage :	10 W
Luminaire Wattage :	10 W
Efficacy :	58 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >45,000 h
Controller :	On-Off [AC LED]
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	3.40 kg.

Ordering code guide

XXXX-X-X-XXX-XX				
A	B	C	D	E
Product Code	Reflector	Electrical Component	Lamp	Color



Icon definition

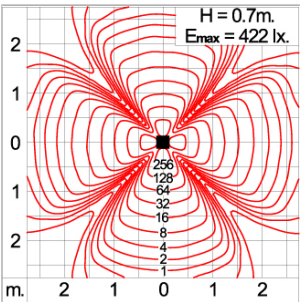
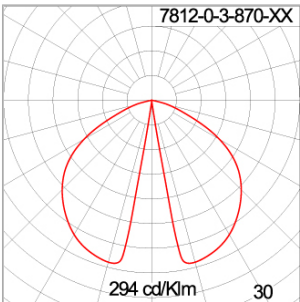
*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

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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.
Luminaires Body Housing	Extruded 6063 aluminum body with minimal copper content for corrosion resistance. Durable high-pressure die-cast aluminum alloy for excellent mechanical performance.
Coating Process	The luminaire undergoes a Nano Ceramic surface conversion, making it highly resistant to corrosive environments. It is primarily coated with a durable epoxy resin and finished with a UV-stabilized polyester powder top coat. The coating process is completed by curing the luminaire in a digitally controlled temperature chamber at 200°C, ensuring exceptional durability and long-lasting protection aga
Diffuser	Impact-resistant tempered glass designed for high-temperature environments.
Gasket	Temperature-resistant silicone gasket engineered for durability in harsh conditions [-40°C to +200°C].
External Screws	Durable stainless steel screws with anti-corrosion grease for extended lifespan.
Led	AC LED module meeting strict safety and EMC standards.
Internal Wire	Reliable silicone-insulated tinned copper internal wire, designed for -40°C to +180°C.
Terminal Block	Certified GFR PA6.6 terminal block supporting up to 2.5 sqmm cables. Grounded Class 1 luminaire ensuring proper earthing for secure operation.
Pre-Wire Cable	Certified pre-wired 3x0.75 sqmm cable, featuring H05RN-F neoprene insulation.
Caution	Installation must be performed as per the provided installation instructions.
Color	Black O1 Graphite O2 Dark Gray O3 Aluminum Silver O4 White O6 Corten O8

Light Distribution



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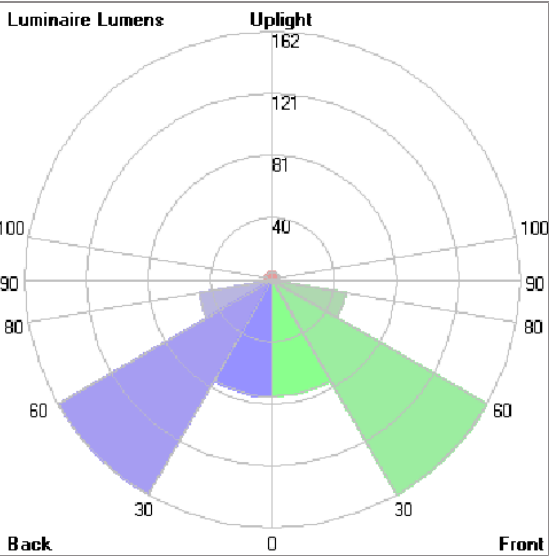
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Bug Report



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	75.7	8.0	13.1
FM	[30-60]	161.7	17.0	27.9
FH	[60-80]	48.7	5.1	8.4
FVH	[80-90]	0.8	0.1	0.1
BL	[0-30]	75.9	8.0	13.1
BM	[30-60]	161.4	17.0	27.8
BH	[60-80]	48.8	5.1	8.4
BVH	[80-90]	0.8	0.1	0.1
UL	[90-100]	1.6	0.2	0.3
UH	[100-180]	4.8	0.5	0.8
Total		580.2	61.1	100.0
BUG Rating		B0-U1-G0		

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Accessories



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



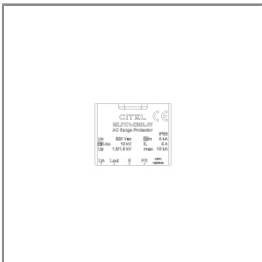
Ordering Code:
AUN-CON-0010-00
IP68 connection device 3
pole, cable diameter
5-9.5mm, with distribution
block



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



Ordering Code:
AUN-ACB-0002-00
Anchor bolt kit, bollard



Ordering Code:
AUN-SUR-0003-00
Surge protection, 10kV,
On-Off, pre-assembly from
factory

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