

BICEPS

BICEPS 4S

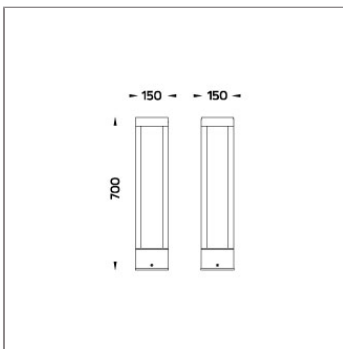
BOLLARD

 **Unilamp**

LAST UPDATE: 16-09-2025



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 :	7812-0-3-869-XX
Lamp :	LED
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	930 lm
Luminaire Lumen :	570 lm
Lamp Wattage :	10 W
Luminaire Wattage :	10 W
Efficacy :	57 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

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











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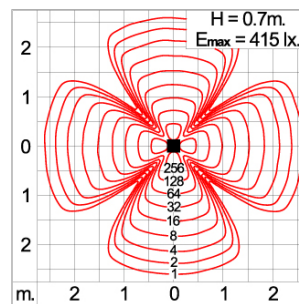
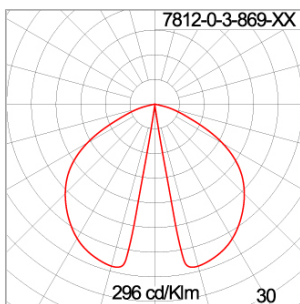


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Specification

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 PA.6.6 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	<table><tr><td></td><td>Black O1</td></tr><tr><td></td><td>Graphite O2</td></tr><tr><td></td><td>Dark Grey O3</td></tr><tr><td></td><td>Aluminum Silver O4</td></tr><tr><td></td><td>White O6</td></tr></table>		Black O1		Graphite O2		Dark Grey O3		Aluminum Silver O4		White O6
	Black O1										
	Graphite O2										
	Dark Grey O3										
	Aluminum Silver O4										
	White O6										

Light Distribution



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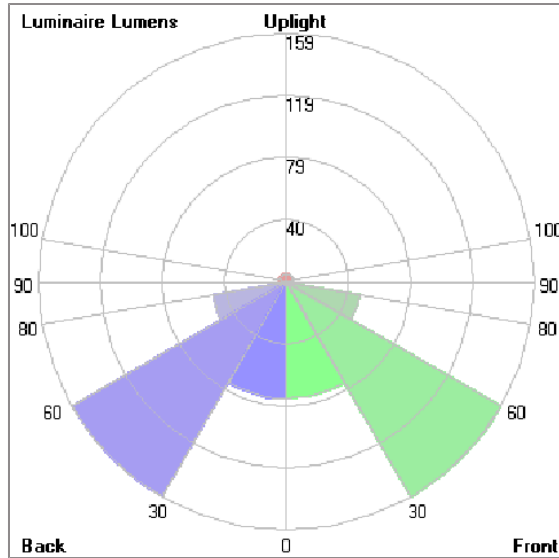
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Bug Report



Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	74.4	8.0	13.1
FM	[30-60]	159.0	17.1	27.9
FH	[60-80]	47.9	5.1	8.4
FVH	[80-90]	0.8	0.1	0.1
BL	[0-30]	74.5	8.0	13.1
BM	[30-60]	158.6	17.1	27.8
BH	[60-80]	47.9	5.2	8.4
BVH	[80-90]	0.8	0.1	0.1
UL	[90-100]	1.5	0.2	0.3
UH	[100-180]	4.7	0.5	0.8
Total		570.1	61.4	100.0
BUG Rating		BO-U1-GO		

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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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