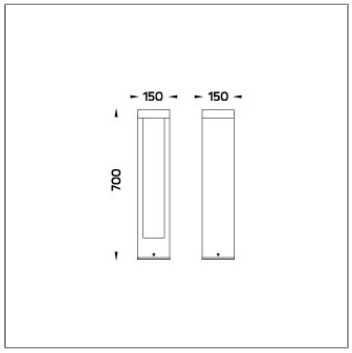
BICEPS

BICEPS 2S

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 :	7179-0-3-901-XX
Lamp :	LED
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	3330 lm
Luminaire Lumen :	910 lm
Lamp Wattage :	24 W
Luminaire Wattage :	27 W
Efficacy :	33 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >90,000 h
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	6.40 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

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

Unilamp Co., Ltd.
461 Ramintra Road, Kannayao, Bangkok 10230 Thailand
Tel : +66(0)2 943 2420-1, +66(0)2 946 4170-1
Fax : +66(0)2 943 2419
online@unilamp.co.th
www.unilamp.co.th

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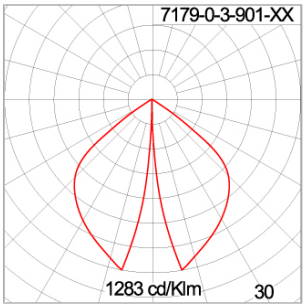
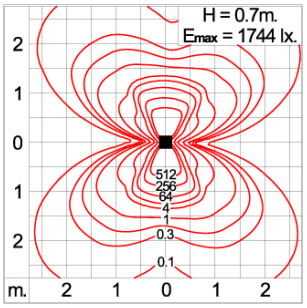
Specification

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.
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.
Cable Entry	M12 cable gland for secure cable entry, compatible with HO5RN-F/HO7RN-F cables (4-7mm).
Led	COB LED module with high efficiency, mounted on MCPCB for superior thermal management.
Driver	Certified constant current LED driver meeting all EMC and safety requirements.
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.
Caution	Installation must be performed as per the provided installation instructions.
Color	Black 01 Graphite 02 Dark Gray 03 Aluminum Silver 04 White 06 Corten 08

Light Distribution





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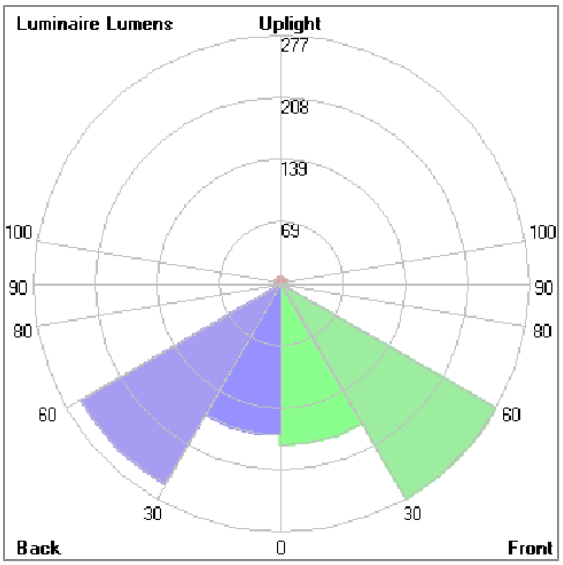
Bug Report



Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	180.3	19.8	19.8
FM	[30-60]	277.5	30.5	30.5
FH	[60-80]	5.7	0.6	0.6
FVH	[80-90]	1.6	0.2	0.2
BL	[0-30]	169.2	18.6	18.6
BM	[30-60]	259.1	28.5	28.5
BH	[60-80]	5.5	0.6	0.6
BVH	[80-90]	1.6	0.2	0.2
UL	[90-100]	2.7	0.3	0.3
UH	[100-180]	6.4	0.7	0.7
Total		909.6	100.0	100.0
BUG Rating		B1-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

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