

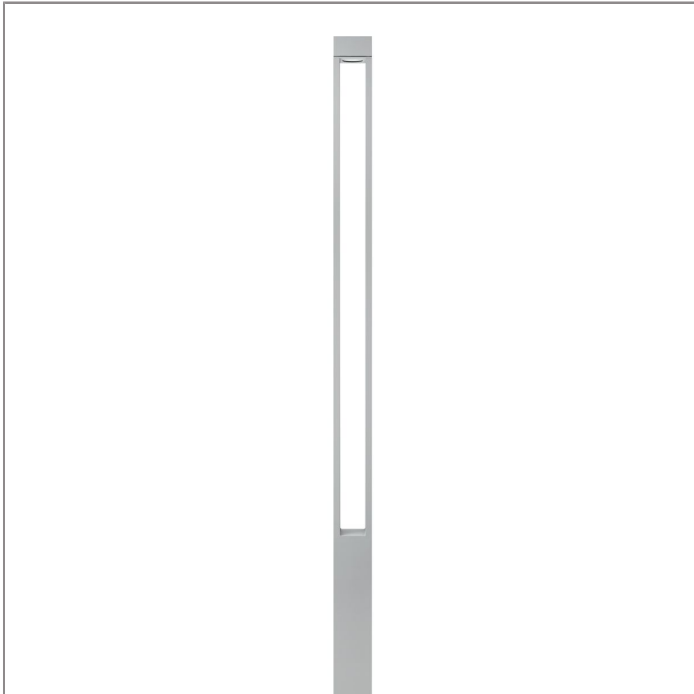
# BICEPS

## BICEPS

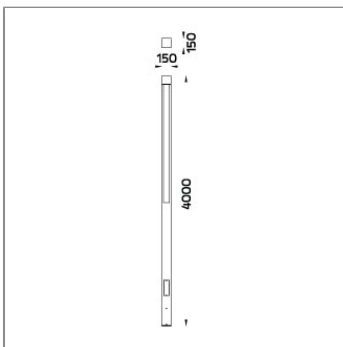
### LIGHT COLUMN



LAST UPDATE: 24-03-2025



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 :	7710-K-4-536-XX
Lamp :	LED
Beam :	T4
CCT :	4000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	4780 lm
Luminaire Lumen :	1600 lm
Lamp Wattage :	40 W
Luminaire Wattage :	43 W
Efficacy :	37 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L80B10 >108,000 h
Controller :	DIM 1-10V
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	30.80 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

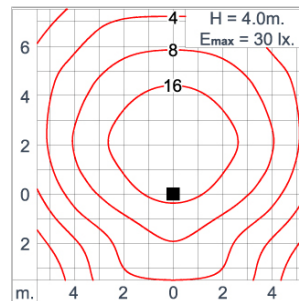
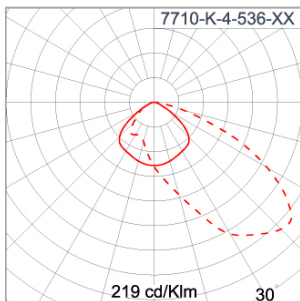
\*Due to the constancy of product development,  
we reserve the right to alter all specification  
without prior notice.

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

## 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 aluminum 56063 alloy body with low copper content. 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.
Gasket	Weather resistant silicone gasket. Working temperature -40°C to +200°C.
External Screws	External screws are in stainless steel with protection grease.
Cable Entry	Cable entry protected by M12 cable gland. To be used with HO5RN-F/ HO7RN-F cable with 4-7mm. diameter.
Led	High efficiency LED module utilized chips from world renowned manufacturer. Assembled on MCPCB and mounted on to heat conductive material.
Driver	High quality Dimmable Driver (1-10V) in constant current. Conform to applicable safety standards and electromagnetic compatibility.
Enhanced Protection	The luminaire is equipped with a 10kV surge protection device, the function of the protector is indicated by a LED, performance in compliance with IEC61643-11.
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 4 sqmm. VDE approved. Class1 luminaire provided with the earth connection.
Caution	Installation work has to be carried on according to the enclosed installation manual.
Color	<div> <div style="display: inline-block; width: 15px; height: 15px; background-color: black; margin-right: 5px;"></div> Black 01                     <div style="display: inline-block; width: 15px; height: 15px; background-color: #333; margin-right: 5px; margin-left: 10px;"></div> Graphite 02                     <div style="display: inline-block; width: 15px; height: 15px; background-color: #666; margin-right: 5px; margin-left: 10px;"></div> Dark Grey 03                     <div style="display: inline-block; width: 15px; height: 15px; background-color: #ccc; margin-right: 5px; margin-left: 10px;"></div> Aluminum Silver 04                     <div style="display: inline-block; width: 15px; height: 15px; background-color: #fff; margin-right: 5px; margin-left: 10px;"></div> White 06                 </div>

## Light Distribution



# BICEPS

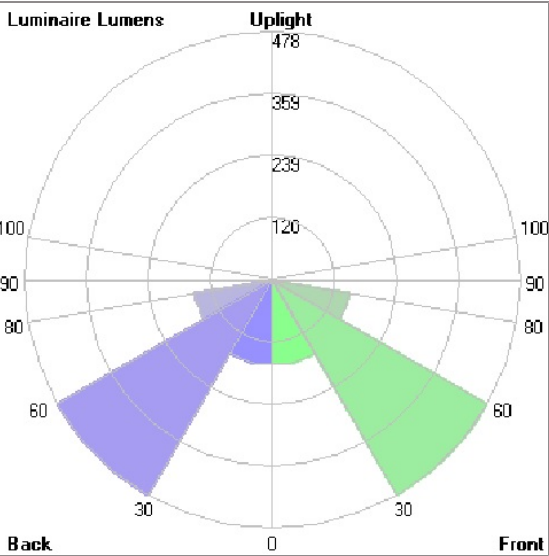
## BICEPS

### LIGHT COLUMN



LAST UPDATE: 24-03-2025

#### Bug Report



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	163.7	3.4	10.2
FM	[30-60]	478.4	10.0	29.9
FH	[60-80]	151.2	3.2	9.4
FVH	[80-90]	6.3	0.1	0.4
BL	[0-30]	163.7	3.4	10.2
BM	[30-60]	478.4	10.0	29.9
BH	[60-80]	151.2	3.2	9.4
BVH	[80-90]	6.3	0.1	0.4
UL	[90-100]	0.4	0.0	0.0
UH	[100-180]	0.5	0.0	0.0
Total		1600.1	33.4	100.0
BUG Rating		B1-U1-G1		

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

# BICEPS

## BICEPS

### LIGHT COLUMN



LAST UPDATE: 24-03-2025

#### Accessories



Ordering Code:

AUN-ACB-0017-00

Anchor Bolt Kit

\*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