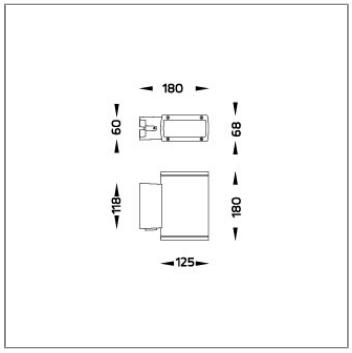
BRONCO

BRONCO – DOWN

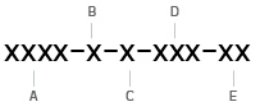
WALL SURFACE LIGHT

LAST UPDATE: 24-09-2025

BRONCO is a contemporary slim luminaire family available as wall surface or ceiling mount configuration. The housing is made from extruded aluminum and enhanced LM6 die-cast aluminum which make it highly corrosion resistant to any extreme environment. BRONCO is designed and tested under high ambient thermal condition. It is protected from the ingression of dust and water and can be used for both outdoor and indoor application. The luminaire is equipped with high-power LED and is available in 2700K, 3000K, 4000K and RGBW option. Optics are utilized to direct the light in wide variety of light distributions. BRONCO is an excellent choice for a widespread range of lighting tasks in modern architectural settings such as highlighting of columns, building facades and high ceilings.



Ordering code guide



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

IK BODY OPTIC Icon definition

Technical Data

IP65 IK 10 09

Ordering Code :	5203-0-3-897-XX
Lamp :	LED
Beam :	10°/43°
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	960 lm
Luminaire Lumen :	780 lm
Lamp Wattage :	8.1 W
Luminaire Wattage :	11 W
Efficacy :	70 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >66,000 h
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	1.50 kg.

*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
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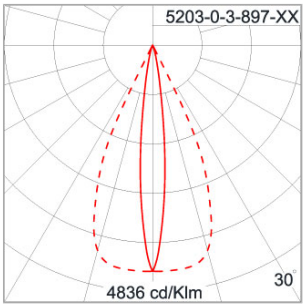
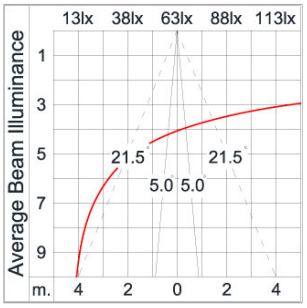
Specification

IEC Standard	IEC 60598-1 General Requirement
	IEC 60598-2-1 Fixed Luminaires
Protection	IP65 Class I
IK Rating	Protection against mechanical impact IK10 on body and IK09 on optical part.
Luminaires Body Housing	High-pressure die cast aluminum alloy body and components.
	Extruded aluminum S6063 alloy body with low copper content.
Coating Process	Nano Ceramic surface conversion, resistant to corrosive environment. Luminiare 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	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 weather proof grommet. To be used with H05RN-F/ H07RN-F cable with 6-13mm. 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 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	Assembled with quick connector for cable with cross section up to 2.5 sqmm. from ADELS or equivalents. VDE approved.
	Class1 luminaire provided with the earth connection.
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





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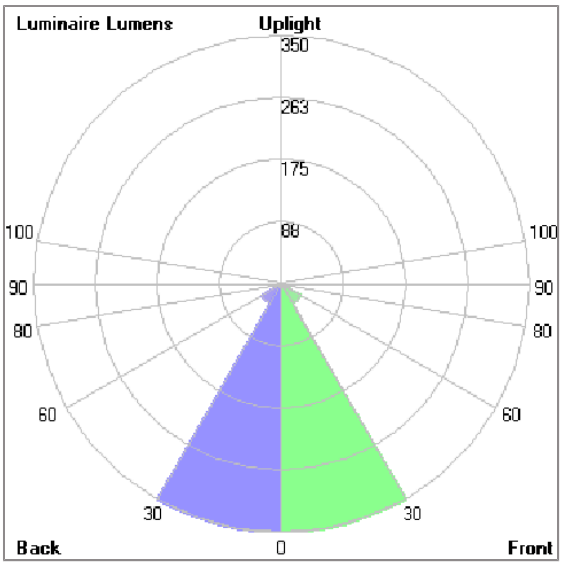
Bug Report



Lum. Classification System (LCS)

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	350.0	36.5	45.5
FM	[30-60]	31.7	3.3	4.1
FH	[60-80]	2.4	0.2	0.3
FVH	[80-90]	0.1	0.0	0.0
BL	[0-30]	350.1	36.5	45.5
BM	[30-60]	31.7	3.3	4.1
BH	[60-80]	2.4	0.2	0.3
BVH	[80-90]	0.1	0.0	0.0
UL	[90-100]	0.0	0.0	0.0
UH	[100-180]	0.3	0.0	0.0
Total		768.8	80.0	100.0
BUG Rating		B1-U1-G0		

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