



BACK-LIGHTING



BRIGHT FIELD

BKC SERIES

CYLINDRICAL BACKLIGHTS

Cylindrical backlighting that emit homogeneous diffuse lighting in the 360° of their circular surface, allowing their use from several angles at the same time, for complete backlight inspection of hollow objects such as pipes, deposits and boxes or for inspection from different angles in carousels or turntables.

TECHNICAL DATA

BKC0806A

ULTRA
DIFFUSE
LIGHT

DIMENSIONS	Ø60x100
ACTIVE SURFACE	Ø60x80
WEIGHT	260g
IP RATING	IP50
MOUNTING HOLES	(x2)M4 ∇ 6
CONNECTION	2P male chassis connector. PIN 1 = +24V PIN 2 = 0V
(cable non-included)	
MODIFIERS ¹	NO
ACCESSORIES ²	
MAX. OPERATING HUMIDITY	85% non-condensing
OPERATING T°	0 - 40°C
STORAGE T°	0 - 60°C
HOUSING MATERIAL	Anodized aluminium

(1) Optional modifications on the standard lighting system from manufacturing.

(2) Accessories are non-included. More information in accessories section.

INSTANTANEOUS CONSUMPTION (Max.)

Lighting model*

WT*

		BKC0806A					
TYPE C (24VDC)		7.4W					-470C
		5.3W					-525C
		5.3W					-630C
		6.4W					-880C
		6.4W					-940C
		7.4W					-W00C
	TYPE P		No type P standard LED lighting systems on this series.				
TYPE S D _{max} = 1/20 Ton max= 2ms		880mA / 21W					-470S
		880mA / 21W					-525S
		880mA / 21W					-630S
		2090mA / 50W					-880S
		2090mA / 50W					-940S
		880mA / 21W					-W00S

Take note that consumption table is for guidance. To refer to real values, consult product label when purchasing. | *ORDER REFERENCE = Lighting model + WT

UV- (365nm) UV (400nm) BLUE (470nm) GREEN (525nm) RED (630nm) IR (880nm) IR+ (940nm) WHITE



► **TECHNICAL DRAWINGS** (All units in millimeters, if not indicated)

<p style="text-align: right;">BKC0806A-E00A</p>	

► **ADDITIONAL INFORMATION**

<p>Example of BKC captured image</p>	<p>Brightness distribution of BKC0806A-630C</p>
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