



### DESCRIPTION

Body in corrosion-resistant anodized aluminium. Extra-clear safety glass with a thickness of 6 mm, ceramic-coated rear. Equipped with 2 m connection cable; an extension of up to 30 m is available on request. High power LED module on printed circuit board with metal base. Electronic components, dimmable with external dimmer. Highly efficient secondary lens. For recessing into the ground, to be used only with the appropriate housing, which is an integral part of the light itself. Walkover device. IP67 protection rating: total protection from dust and the effects of immersion in water.

### APPLICATIONS

The Bonn recessed product is suitable for the diffused lighting of buildings, architectural features and outdoor areas. Recessed into the ground, it can be used to light facades, arches, walls and tall trees. Through different configurations of the secondary optics, it can be used as a floodlight or spotlight, and the RGB version can be used for scenic effects in all situations where colour is required to create an evocative atmosphere.

### TECHNICAL SPECIFICATIONS

No and Type of LED	12x Seoul P5II 18x CREE XP-E
Power supply	350 / 700mA / 24Vdc
Body material	anticorodal anodized aluminium
Electrical connection	M12 connector
Cooling	passive
Installation	recessed into the ground
Protection rating	IP67
Class	III
Weight	5,00Kg
Dimensions	220mm x h110mm
Maximum power consumption	44W
Operating temperature	-40 / +85°C
Average product life	35.000hours

### CHARACTERISTICS AND ADVANTAGES

- High efficiency (>100 lm/W).
- ANSI compliant binning.
- Excellent lumen maintenance and colour stability.
- Extensive dimming range – fully dimmable.
- Highly efficient secondary optics.
- Long life and reduced maintenance costs.
- Ecological, no disposal restrictions.

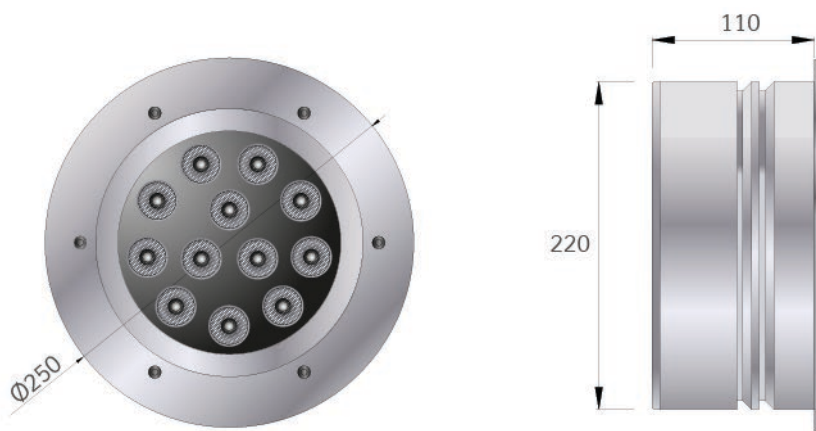
### OPTICS, COLOUR TEMPERATURE AND RCI

10°	21°	39°	10°x44°	25°	40°
					OTHER COLOURS ON REQUEST
2800K	3200K	4200K	5500K	RGB	
>90	>85				
CRI	CRI				

## OPTICAL SPECIFICATIONS

Optics	Code	Color temperature	Emission (Lumens)	LED Efficiency (lm/W)	CRI	Typical illuminance (Lux)		
						at 1m	at 2m	at 3m
10°	bN250-18700010WW2	White 2800K	1800lm	100lm/W	>90	38985lx	13032lx	6154lx
	bN250-18700010WW3	White 3200K	1890lm	105lm/W	>85			
	bN250-18700010NW4	White 4200K	1980lm	110lm/W	>80			
21°	bN250-18700010CW5	White 5500K	2340lm	130lm/W	>80	50871lx	17005lx	8030lx
	bN250-18700021WW2	White 2800K	1800lm	100lm/W	>90			
	bN250-18700021WW3	White 3200K	1890lm	105lm/W	>85			
39°	bN250-18700021NW4	White 4200K	1980lm	110lm/W	>80	10313lx	2772lx	1244lx
	bN250-18700021CW5	White 5500K	2340lm	130lm/W	>80			
	bN250-18700039WW2	White 2800K	1800lm	100lm/W	>90			
10°x44°	bN250-18700039WW3	White 3200K	1890lm	105lm/W	>85	3938lx	989lx	439lx
	bN250-18700039NW4	White 4200K	1980lm	110lm/W	>80			
	bN250-18700039CW5	White 5500K	2340lm	130lm/W	>80			
Diameter (m)	bN250-18700x44WW2	White 2800K	1800lm	100lm/W	>90	12304lx	3131lx	1395lx
	bN250-18700x44WW3	White 3200K	1890lm	105lm/W	>85			
	bN250-18700x44NW4	White 4200K	1980lm	110lm/W	>80			
	bN250-18700x44CW5	White 5500K	2340lm	130lm/W	>80			
	10°	>				0.64m	1.29m	1.91m
	21°	>				0.42m	1.86m	2.59m
	39°	>				0.82m	2.54m	3.13m
	10°x44°	>				0.58mx0.56m	2.04mx1.97m	3.01mx2.86m

## TECHNICAL DRAW



## ACCESSORIES

DESCRIPTION	CODE
IP68 Paguro 5665 Junction box - 2x2.5 mmq parallel	CMP00850
IP68 Paguro 5650/3 Junction box - 3x2.5 mmq parallel	CMP00851
IP68 Paguro 5664/20 Junction box - 4x2.5 mmq parallel	CMP00852
IP68 Paguro 5633/6 Junction box - 6x0,5 mmq parallel	CMP00853
IP68 Paguro 5663 Junction box - 3x6 mmq - connection in series/parallel	CMP00854