FUTUROLUCE
GENERAZIONE LED

SUB1

TECHNICAL SPECIFICATIONS

No and Type of LED	1x CREE X-PE / XP-G 1x Seoul P5II
Power supply	350 / 700mA
Body material	Stainless steel (316)
Electrical connection	neoprene cable L=5 m
Cooling	passive
Installation	any position
Protection rating	IP68
Class	III
Weight	0,35Kg
Dimensions	Ø50 x h63mm
Maximum power consumption	2,4W
Operating temperature	-40 / +85°C
Average product life	35.000hours

DESCRIPTION

Body in 316 stainless steel. Extra-clear safety glass with a thickness of 6 mm, ceramic-coated rear. Equipped with 5m connection cable; an extension of up to 30m 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 concrete, to be used only with the appropriate housing.
IP68 protection rating: total protection from dust and the effects of permanent immersion in water to a depth of 1m.

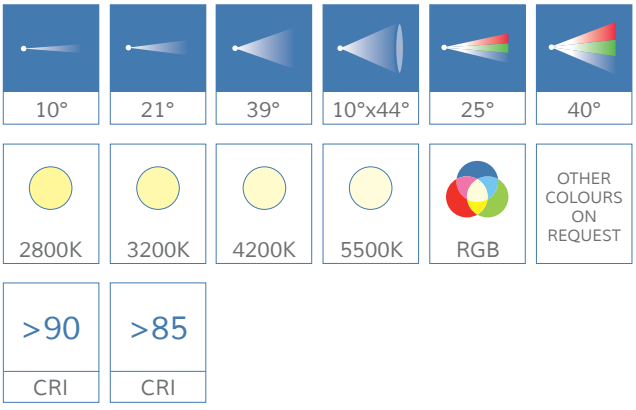
CHARACTERISTICS AND ADVANTAGES

- 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.

APPLICATIONS

The Sub1 light was created for all those situations in which an aquatic environment needs to be enhanced with accent light. Its installation within a housing in concrete allows it to be used in the side walls of fountains and pools of water while being completely unobtrusive.

OPTICS, COLOUR TEMPERATURE AND RCI



Via Lombardia, 10-12
24041 - Brembate [BG] Italia
(t) +39 035.802.010
(f) +39 035.482.685.6
(w) www.futuroluce.it

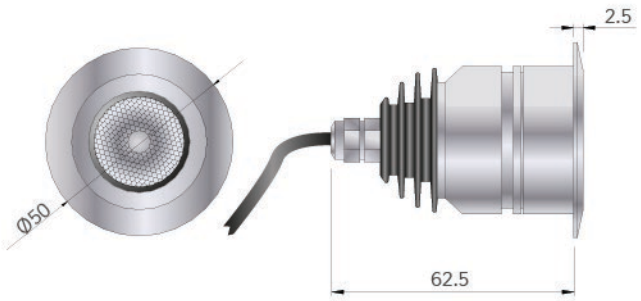
Rev. 01/104

FUTUROLUCE
GENERAZIONE LED

OPTICAL SPECIFICATIONS

Optics	Code	Color temperature	Emission (Lumens)	LED Efficiency (lm/W)	CRI	Typical illuminance (Lux) at 1m	at 2m	at 3m
10°	SUB1-01700010WW2	White 2800K	170lm	100lm/W	>90	3377lx	837lx	371lx
	SUB1-01700010WW3	White 3200K	180lm	105lm/W	>85			
	SUB1-01700010NW4	White 4200K	190lm	110lm/W	>80			
	SUB1-01700010CW5	White 5500K	220lm	130lm/W	>80	4412lx	1094lx	483lx
21°	SUB1-01700021WW2	White 2800K	170lm	100lm/W	>90	637lx	159lx	71lx
	SUB1-01700021WW3	White 3200K	180lm	105lm/W	>85			
	SUB1-01700021NW4	White 4200K	190lm	110lm/W	>80			
	SUB1-01700021CW5	White 5500K	220lm	130lm/W	>80	832lx	207lx	92lx
39°	SUB1-01700039WW2	White 2800K	170lm	100lm/W	>90	241lx	60lx	27lx
	SUB1-01700039WW3	White 3200K	180lm	105lm/W	>85			
	SUB1-01700039NW4	White 4200K	190lm	110lm/W	>80			
	SUB1-01700039CW5	White 5500K	220lm	130lm/W	>80	315lx	79lx	35lx
10°x44°	SUB1-01700x44WW2	White 2800K	170lm	100lm/W	>90	713lx	177lx	79lx
	SUB1-01700x44WW3	White 3200K	180lm	105lm/W	>85			
	SUB1-01700x44NW4	White 4200K	190lm	110lm/W	>80			
	SUB1-01700x44CW5	White 5500K	220lm	130lm/W	>80	930lx	232lx	103lx
Diameter (m)	10°	>				0.24m	0.65m	0.92m
	21°	>				0.27m	0.95m	1.44m
	39°	>				0.45m	1.08m	1.62m
	10°x44°	>				0.35mx0.39m	1.45mx0.68m	2.05mx0.87m

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

Via Lombardia, 10-12
24041 - Brembate [BG] Italia
(t) +39 035.802.010
(f) +39 035.482.685.6
(w) www.futuroluce.it

Rev. 01/104