DROP1

APPLICATIONS

Fixed recessed luminaires of the Drop1 series are compact single-LED products particularly suitable for lighting design of outdoor areas. These products are typically used to achieve general, scenic or accent lighting effects on walkways, vegetation and vertical surfaces. Several fixtures in a row can be installed to highlight interesting building details or for marking and warning purposes. Equipped with round or square flange, this series adapts perfectly to existing architectural features and is particularly fitting to any situation that require a high Protection rating. The Drop1 series is strongly characterized by linear and essential design, which interact harmoniously with any type of setting leaving to the performance of the product its expressive character. All fixtures are already equipped with a connection cable for a flawless installation, extendable on request.

FEATURES

High efficiency (>120 lm/W)
ANSI compliant binning, 2 step MacAdams ellipse for each individual lot
Excellent lumen maintenance and colour stability over time
Extensive dimming range - fully dimmable, with external dimmer
Highly efficient secondary optics
IP67 protection rating
Walkover device
Long life and low maintenance costs
Ecological, no disposal restrictions

Glass and lens   O-Ring   Cable gland

DROP1

SPECIFICATIONS

Performance

LED type	High power
LED nr. and model	1x CREE XP-E o XP-G / Seoul P5II
Total lumen output (at 85°C)	Up to 220 lm
Colour temperature (white light)	2800 - 3200 - 4200 - 5500 K
Binning	2 step MacAdam ellipse
CRI	>90 (2800 - 3200 K), >80 (4200 - 5500 K)
Other colours	On request

Electrical

Supply type	Constant current / constant voltage
Supply value	350 / 700 mA / 24 Vdc
Maximum power consumption	1,2 / 2,4 / 3,6 W
Connection	cable L=2 m (6x0,35 mmq / 2x0.5 mmq)

Physical

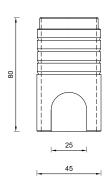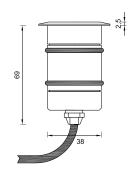|	
Body material	Corrosion-resistant aluminium
Body finish	Anodization
Optic material	PMMA
Optic type	TIR
Screen material	6 mm thick extra-clear safety glass
Dissipation	Passive
Protection rating	IP67
Class	III
Weight	0,2 Kg
Dimensions	See technical drawing
Operating temperature range	-25 / +70 °C
MTBF (LM80)	50.000 hrs
Mounting	Recessed with mounting sleeve or retaining spring kit

HOW TO ORDER

Model	LED nr.	Supply	Optic	Colour
▼	▼	▼	▼	▼
dR1	- 01	⊔⊔⊔	⊔⊔⊔	⊔⊔⊔

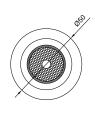| Model	LED nr.	Supply	Optic	Colour
dR1 Drop1	01 1 LED	350 350 mA (mono and RGB)	010 10° (mono)	WW2 Warm white 2800K
		324 350 mA @ 24 Vdc (mono)	021 21° (mono)	WW3 Warm white 3200K
		700 700 mA (mono)	039 39° (mono)	NW4 Neutral white 4200K
		724 700 mA @ 24 Vdc (mono)	x44 10° x 44° (mono)	CW5 Cold White 5500K
			120 120° (mono and RGB)	RGB RGB
			025 25° (RGB)	
			040 40° (RGB)	

Order code example: dR1-01324021WW2

Note: not all combinations of technical features are possible, please check with our technical office at the e-mail address tecnico@futuroluce.it

TECHNICAL DRAWING

ACCESSORIES

Cables

2-pole power supply cable extra lenght L=2 m (tot. 4 m, monochromatic)	CABL0202P
2-pole power supply cable extra lenght L=4 m (tot. 6 m, monochromatic)	CABL0402P
2-pole power supply cable extra lenght L=6 m (tot. 8 m, monochromatic)	CABL0602P
2-pole power supply cable extra lenght L=8 m (tot. 10 m, monochromatic)	CABL0802P
6-pole power supply cable extra lenght L=2 m (tot. 4 m, RGB)	CABL0206P
6-pole power supply cable extra lenght L=4 m (tot. 6 m, RGB)	CABL0406P
6-pole power supply cable extra lenght L=6 m (tot. 8 m, RGB)	CABL0606P
6-pole power supply cable extra lenght L=8 m (tot. 10 m, RGB)	CABL0806P

Mounting kit

Concrete sleeve (corrosion-resistant aluminium)	TRN00164
Retaining spring kit	TRN00210

Flanges

V4A stainless steel flange, diameter 50 mm	TRN00140
Brass flange, diameter 50 mm	TRN00231
Aluminium flange with fixing holes, diameter 80 mm	TRN00183
V4A stainless steel flange with fixing holes, diameter 80mm	TRN00476
Square aluminium flange, dim. 50 x 50 mm	TRN00260
Square brass flange, dim. 50 x 50 mm	TRN00261

Watertight connections

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

Finishes (to be combined to the relative flanges)

Dark brown anodized luminium	Mirror polished stainless steel	Brushed stainless steel	Mirror polished	Light antiqued brass	Dark antiqued brass	Mirror polished gold
ALL-BRZ	ACC-L	ACC-S	OTT-L	OTT-C	OTT-A	GLD-L