

FL 1000

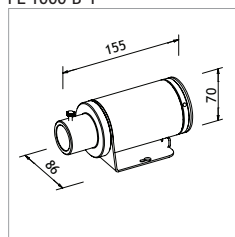


A silent, compact, versatile and extremely energy-efficient light generator. Cuts energy consumption by at least 63% compared with halogen generators with the same light output that are used for equivalent tasks. Dimmable. Warm White light. High LED quality. Extremely long life. Easy handling. Ideal for many functional and decorative lighting solutions including interior, 'starry sky' and sauna lighting, niches and showcases.

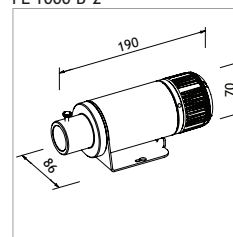
FL 1000

- For indoor use / dry locations
- For use with fibre optic lighting
- LED average 50,000 h (L70) life
- Warm White light 3,000 K
- External electronic driver
- Dimmable
- Black and aluminium finish
- Colour filters available
- CTC filters available
- Diffusion adaptor available
- UL153 Portable Cabinet Light approval pending
- Light port: Ø9 mm or Ø28 mm
- Total power consumption @ 350 mA 13 W
- Total power consumption @ 700 mA 25 W

FL 1000 B-1



FL 1000 B-2



Units: mm

IP 20

0.7 kg

FL 1000

120-240 V / 50-60 Hz

RoHS CB
 Pending Pending

	B-1	B-2
Total power consumption	12.5 W	25.4 W
LED power consumption	9.3 W	19.3 W
Light generator input current	350 mA	700 mA
Electrical driver model	Constant Current	Constant Current
Driver lifetime	50,000 h	50,000 h
Driver size	46 x 188 x 32	46 x 188 x 32
Driver size US model	77 x 108 x 30	77 x 108 x 30
Thermal protection	Auto decrease	Auto decrease
Cooling system	Natural convection	Synjet
Cooling system lifetime	N/a	100,000 h
Noise level	N/a	18 dB(A)
Max. ambient temperature	45°C	45°C
Min. ambient temperature	-20°C	-20°C
Applied LED	Lumileds LUXEON S	Lumileds LUXEON S
CCT (nominal)	3,000 K	3,000 K
CRI _a (Ra) typical value	85	85

Selection guide

Light port	Connector fibre diameter	No. of Ø.75 PMMA fibres	New installation	Retrofit installation	Item no.
Ø9 mm	1-9 mm	<135	✓✓✓✓	✓✓✓✓	FL 1000 B-1 0122 0050
Ø28 mm	9-12 mm	135-200	✓✓✓✓	✓✓✓✓	FL 1000 B-1 US 0122 2050
Ø28 mm	12-20 mm	200-500	✓✓✓	✓✓✓	FL 1000 B-2 0122 1050
Ø28 mm	20-28 mm	500-1000	✓	✓✓	FL 1000 B-2 US 0122 3050

- ✓✓✓✓ Extremely suitable; randomising not necessary
- ✓✓✓ Extremely suitable; randomising may be necessary
- ✓✓ Suitable with adaptor; randomising may be necessary
- ✓ Suitable with adaptor for decorative lighting

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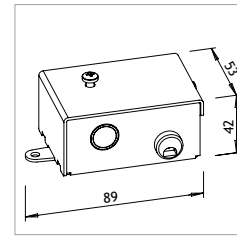
FL 500



A tiny, low-intensity and extremely energy-efficient light generator. Cuts energy consumption by up to 90% compared with halogen generators with the same light output that are used for equivalent tasks. Warm White light. High LED quality. Extremely long life. Easy handling. Ideal for decorative lighting, for areas where space is very limited, for small 'starry sky' solutions and for sauna lighting.

FL 500

- For indoor use / dry locations
- For use with fibre optic lighting
- LED average 35,000 h (L70) life
- Warm White light 3,000 K
- External electronic driver
- Grey and aluminium finish
- UL153 Portable Cabinet Light approval pending
- Light port: Ø4.5 mm or Ø9 mm
- Total power consumption @ 700 mA 4 W



IP 20

0.2 kg

FL 500

100-240 V / 50-60 Hz

RoHS  
Pending

Total power consumption	4.3 W
LED power consumption	2.2 W
Light generator input current	700 mA
Electrical driver model	Constant Current
Driver lifetime	35,000 h
Driver size	34 x 115 x 19
Max. ambient temperature	40°C
Min. ambient temperature	0°C
Applied LED	Lumileds LUXEON Rebel
CCT (nominal)	3,000 K
CRI _s (Ra) typical value	85

	Item no.
FL 500 B Ø4.5	0120 0052
FL 500 B Ø4.5 US	0120 0054
FL 500 B Ø9	0120 0051
FL 500 B Ø9 US	0120 0053