

FL 1000

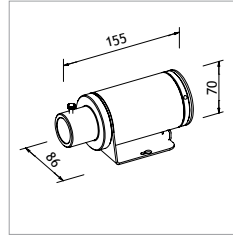


A silent, compact, versatile and extremely energy-efficient light generator. Cuts energy consumption by at least 63% compared with halogen generators with the same light output that are used for equivalent tasks. Dimmable. Choose Warm White or Neutral White light. High LED quality. Extremely long life.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

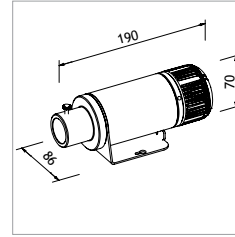
FL 1000

- For indoor use / dry locations
- Outdoor models also available
- For use with fibre optic lighting
- LED standard lifetime 50,000 hours
- Warm White light 3,000 K
- External electronic driver
- Dimmable
- Black and aluminium finish
- Colour filters available
- CTC filters available
- CTO filters available
- Colour wheel kit as accessory
- Twinkle wheel kit as accessory
- Diffusion adaptor as accessory
- 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

120-277 V / 50-60 Hz

RoHS CC UL

	B-1, 85	B-2, 85	B-1, 93	B-2, 93
Total power consumption	12.5 W	25.4 W	12.5 W	25.4 W
LED power consumption	9.3 W	19.3 W	9.3 W	19.3 W
Light generator input current	350 mA	700 mA	350 mA	700 mA
Electrical driver model	Constant Current	Constant Current	Constant Current	Constant Current
Driver lifetime	50,000 h	50,000 h	50,000 h	50,000 h
Driver size	46 x 188 x 32	46 x 188 x 32	46 x 188 x 32	46 x 188 x 32
Driver size US model	77 x 108 x 30	77 x 108 x 30	77 x 108 x 30	77 x 108 x 30
Thermal protection	Auto decrease	Auto decrease	Auto decrease	Auto decrease
Cooling system	Natural convection	Synjet	Natural convection	Synjet
Cooling system lifetime	N/a	100,000 h	N/a	100,000 h
Noise level	N/a	18 dB(A)	N/a	18 dB(A)
Max. ambient temperature	45°C	45°C	45°C	45°C
Min. ambient temperature	-20°C	-20°C	-20°C	-20°C
Applied LED	Lumileds LUXEON S	Lumileds LUXEON S	Lumileds LUXEON S	Lumileds LUXEON S
CCT (nominal)	3,000 or 4,000 K	3,000 or 4,000 K	3,000 or 4,000 K	3,000 or 4,000 K
CRI _s (Ra) typical value	85	85	93	93

Selection guide

Light port	Connector fibre diameter	No. of 0.75 PMMA fibres	New installation	Retrofit installation
Ø9 mm	1-9 mm	<135	✓✓✓✓	✓✓✓✓
Ø28 mm	9-12 mm	135-200	✓✓✓✓	✓✓✓✓
Ø28 mm	12-20 mm	200-500	✓✓✓	✓✓✓
Ø28 mm	20-28 mm	500-1000	✓	✓✓

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

Item no.

FL 1000 B-1 3,000 K	0122 0050
FL 1000 B-1 3,000 K US	0122 2050
FL 1000 B-1 4,000 K	0122 0040
FL 1000 B-1 4,000 K US	0122 2040
FL 1000 B-1 3,000 K 93	0122 0053
FL 1000 B-2 3,000 K	0122 1050
FL 1000 B-2 3,000 K US	0122 3050
FL 1000 B-2 4,000 K	0122 1040
FL 1000 B-2 4,000 K US	0122 3040
FL 1000 B-2 3,000 K 93	0122 1053
FL 1000 B-2 3,000 K 93 US	0122 3053

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