

PMF Multi-Function Light

LED

LED technology – multi-function capability

Durable, low power, high output LEDs with an array of signal action.

Low power consumption

Energy efficient, solid-state design is also shock and vibration tolerant.

Rotating mirror effect

LED's illuminated in a circular chase offer a durable, no-moving-parts alternative to legacy rotating mirror lights.

Highly effective light beam

Fresnel lens optics provide a brilliant horizontal light stream for long distance signal transmission.

Maintenance-free

Service life exceeds 50,000 hrs.

Externally controllable operating modes

4 different alarms from the same unit:

- continuous light
- blinking light
- flashing light
- rotating beacon effect

Flexible operating voltages

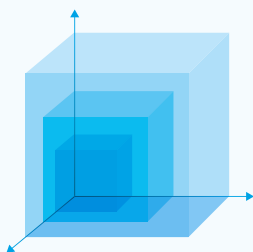
AC and DC powered versions.

Soft Start Module

Limits inrush current for 24 V AC/DC versions and permits direct control by PLC transistor outputs, eliminating the need for interposing relays.



3D-Coverage performance data, A x B x C



PMF-LED Flex

Indicate	11.3 x 62.6 x 62.6 m
Warn	5 x 27.8 x 27.8 m
Alarm	2.5 x 13.9 x 13.9 m

Coverage area according to the applications „Indicate“, „Warn“ and „Alarm“ (EN 54-23) with clear lens. To determine the exact signaling area for your needs, please use the online available Pfannenberg Sizing Software PSS.

LED LIGHTS



protection system




operating temperature



inrush current limitation



PRODUCT	PMF-LED Flex	
	direct mounting	bracket mounting
ARTICLE NO. 	21151644006	21151644007
ARTICLE NO. 	21151645006	21151645007

DATA	
Light source	8 x 2 LEDs (3 chip version)
Operating range	95–253 V 100–350 V
	AC 50 60 Hz DC
Nominal current consumption	continuous light: 60 mA @ 230 V 35 mA @ 220 V
Operating mode	continuous light blinking light flashing light rotating all-round light
Flash rate of the main flash	1.5 Hz 1 Hz 2.5 Hz
Light intensity (DIN 5037) ¹	27 cd
Max. viewing distance	120 m
Beam angle	vertical: approx. 16 °
Operating temperature	-30 ... +55 °C
Protection system according to EN 60529	IP 55 (vertical mounting)
Service life of light source	>50,000 hrs
Material	lens:      polycarbonate (PC), fresnel characteristic
	housing: acrylonitrile butadiene styrene (ABS) polycarbonate (PC)
Dimensions (X x Y + Y2)	Ø 177 x 185 + 0 mm Ø 130 x 170.5 + 90 mm

For additional models, options and voltages visit www.pfannenberg.com or contact us directly.

¹ with a clear lens



Models with alternative features available upon request

24 V AC/DC.	Choice of lens colours: clear amber red green blue.
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Comprehensive technical documentation such as

- operating instructions, technical data, approvals
- support for planning, 3D models, CAD data

can be retrieved by entering this webcode in the search window on www.pfannenberg.com

