

ALL-ROUND FLASHING LIGHTS 14 J PMF 2015



Extremely bright due to 14 joules total flash energy of the impulse group and light bundling with Fresnel lens, low power consumption (energy-saving).

- Choice of two different flash sequences with fast flash rate.
- Extremely reliable and durable due to the use of state-of-the-art electronic components – no replacement of mechanical or electrical wearing parts necessary.
- Large variety of mounting methods – direct or using a bracket.
- Exchangeable due to broadly used drilling template.
- Extremely reliable and durable: fit it and forget it!
- Especially suitable for cranes, huge areas and floor conveyors.
- Flash tube additionally secured by a steel clamp.



protection system



operating temperature



PRODUCT PMF 2015

DATA		230 V	110 V	24 V	12 V
Rated voltage		AC 50 60 Hz		DC	
Operating range		195–253 V	90–135 V	18–30 V	11–15 V
Nominal current consumption	4 flashes	0.07 A	0.14 A	0.6 A	1.1 A
	2 flashes	0.08 A	0.16 A	0.65 A	1.2 A
Operating mode		quad, double flash			
Flash energy of the main flash		7 J			
Light intensity (DIN 5037) ¹		250 cd			
Max. viewing distance		366 m			
Beam angle		vertical approx. 16 °, horizontal 360 °			
Operating temperature		–40 °C ... +55 °C			
Storage temperature		–40 °C ... +70 °C			
Relative humidity		90 %			
Protection system (EN 60529)		IP 55 (vertical mounting)			
Service life of the light source		light emission still 70 % after 8,000,000 flashes			
Material	lens	/ / / / / polycarbonate (PC), fresnel characteristic			
	housing	bracket mounting: polycarbonate (PC) / direct mounting: acrylonitrile butadiene styrene (ABS)			
Cable entry	bracket mounting	M20x 1.5 for cables 6.5–13.5 mm			
Connecting terminal		single wire 0.5–2.5 mm ² , fine wire 0.5–1.5 mm ² , with cable end sleeves DIN 46228/1			
Weight	bracket mounting	1.1 kg		1.2 kg	
	direct mounting	0.6 kg		0.7 kg	

¹ with a clear lens

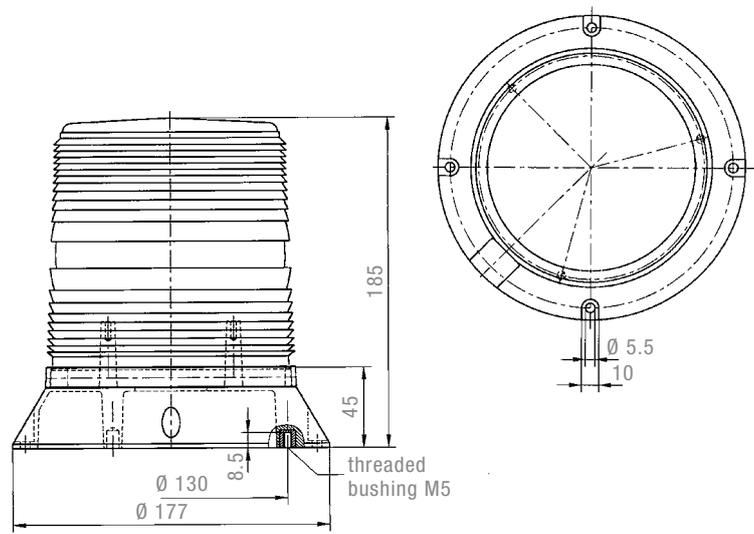
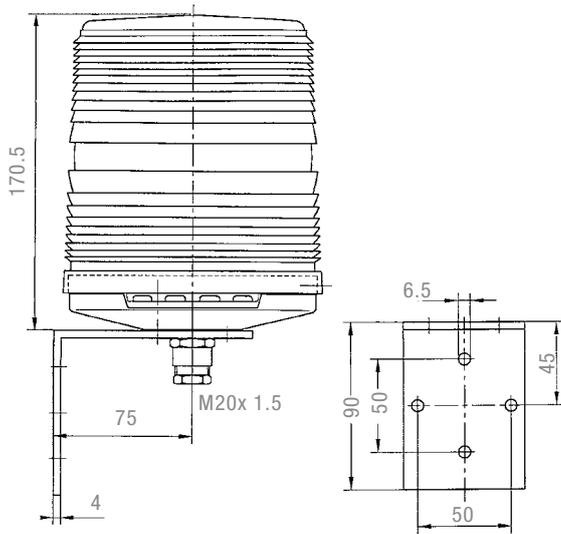
ARTICLE NO.	PMF 2015 direct mounting		PMF 2015 bracket mounting	
LENS COLOUR	230 V AC	24 V DC	230 V AC	24 V DC
	21007104000	21007804000	21007104010	21007804010
	21007105000	21007805000	21007105010	21007805010

Article numbers for other colours and voltages on request.

DIMENSIONS

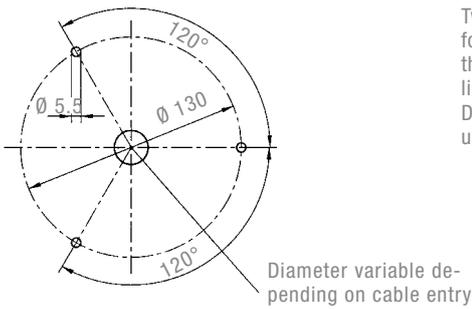
bracket mounting

direct mounting

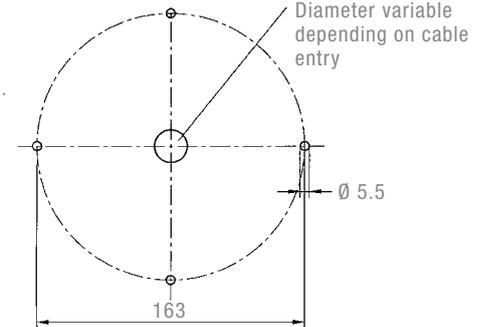


Drilling template 1 for M5 threaded bushing

Drilling template 2

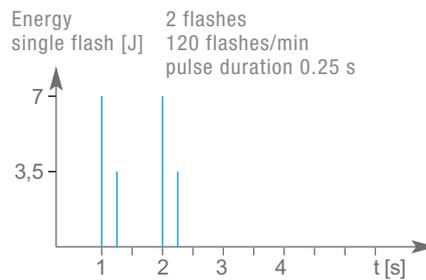
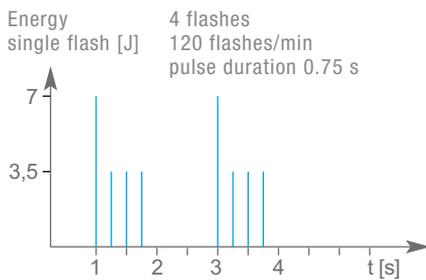


Two different drilling templates are available for fixing the light (direct mounting). M5x 8 threaded bushes are set into the base of the light for fixing according to drilling template 1. Drilling template 2 allows the light to be fixed using 4 through bolts or similar from above.



FLASH FREQUENCIES

PMF 2015



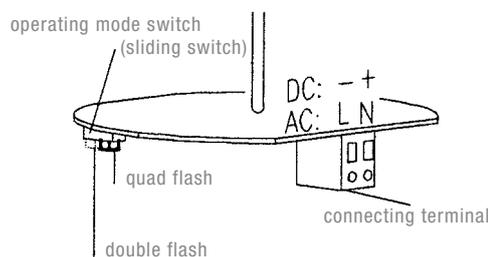
OPTIONS/ACCESSORIES



Monitored
PMF 2015-M

CONNECTION DIAGRAM

PMF 2015



The operating modes quad flash (factory setting) and double flash can be set via the DIP switch, which is accessible from the side.