

LED Master **LM5** | **PM5**

IP41 | IP65
LED



Visually identical, the two luminaires differ in their "interior values": While the PM5 was developed for outdoors (IP65), we have designed the LM5 with a lower degree of protection (IP41). To counteract direct glare, the LED Master LM5/PM5 has a satin finish glass cover, which has an output angle of 45°. Suitable for lighting indoor and outdoor open areas in accordance with EN 1838.

Degree of protection	IP41 (LM5) / IP65 (PM5)	
Class	I	
Enclosure material	Sheet steel (LM5) Stainless steel (PM5)	
Enclosure colour/surface	RAL 9016 white	
Terminal block	3 x 2.5 [□] for through wiring	
Light source	4 x 1 W power LED	
Ambient temperature	-20° C to +40° C	0° C to +40° C
Connected load (AC/DC)	13.2 VA/6.7 W	6.2 VA
Supply voltage	230V ± 10 %, 50/60Hz/176-275 V	230V ± 10 %, 50/60 Hz
Rechargeable battery	3.6 V/4.4 Ah (NiMH)	

VERSIONS

1 h with auto-check with BUS check	•* •*
3 h with auto-check with BUS check	•* •*
8 h with auto-check with BUS check	•* •*
without monitoring module	•
with monitoring module	•
with DALI monitoring LM5 only	•

SPECIAL FEATURE

- LED Master PM5: Very high degree of protection (IP65)

OPTIONS /ACCESSORIES

- Concrete adapter (for surface-mounted installation) | - Enclosure colour in RAL 9016 (white) | Other colours on request
- Remote supply unit (rechargeable battery luminaire) for mounting in temperature controlled area. Connection cable max. 4 m (2.5 mm²) provided on site

LIGHTING of ESCAPE ROUTES – EN 1838 – (t* = 1 m)

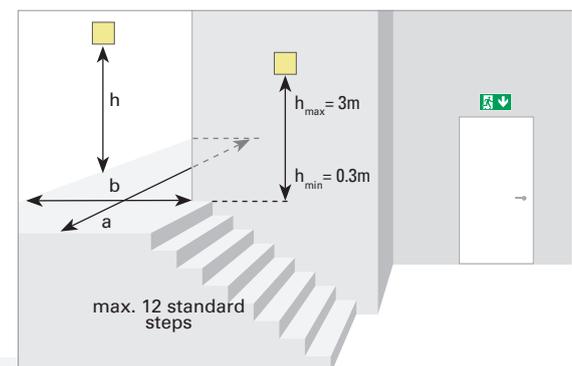
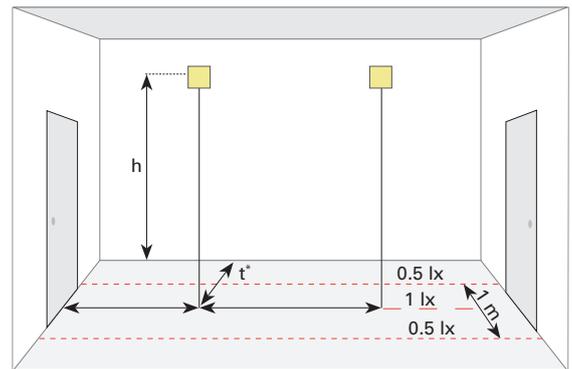
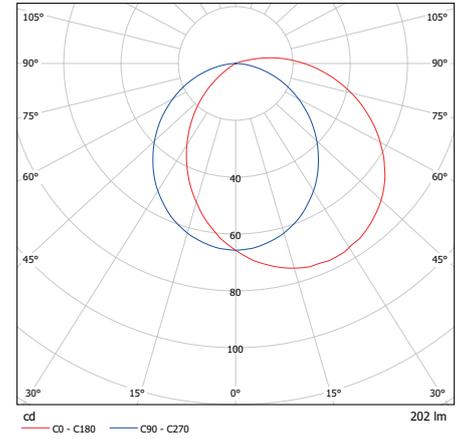
Installation height h [m]	System 1 h + 3 h			System 8 h		
	1 h + 3 h	8 h	8 h	1 h + 3 h	8 h	8 h
2.00	3.00	2.75	2.25	7.75	7.00	5.75
2.50	3.25	2.75	2.25	8.50	7.50	6.25
3.00	3.50	3.00	2.25	9.00	8.00	6.50
3.50	3.50	3.00	2.00	9.25	8.25	6.50
4.00	3.50	2.75	1.75	9.50	8.25	6.50
4.50	3.50	2.75	1.25	9.75	8.50	6.25
5.00	3.25	2.50	0.75	10.00	8.25	5.25

*t = distance from wall to the middle of the escape route

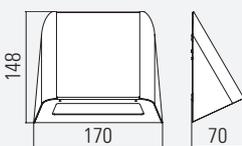
LIGHTING of ESCAPE ROUTES – EN 1838

Installation height h [m]	(a)			(b)		
	System	1 h + 3 h	8 h	System	1 h + 3 h	8 h
2.00	6.10	5.60	4.50	4.00	3.60	1.25
2.50	6.60	5.80	4.50	4.20	3.70	1.25
3.00	6.80	5.80	4.25	4.40	3.80	1.25

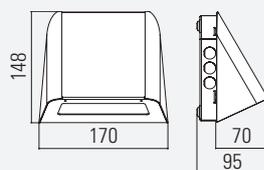
All figures in metres from the middle of the luminaire



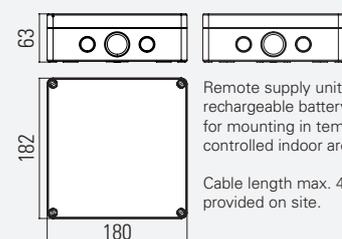
LM5W|PM5W WALL MOUNTED



WALL MOUNTED WITH CONCRETE ADAPTER



*REMOTE SUPPLY UNIT (OPTIONAL)



Remote supply unit for rechargeable battery luminaire for mounting in temperature-controlled indoor area.

Cable length max. 4 m (2.5 mm²) provided on site.