

Project Name:	
Type:	

EMS1/ EMS2 Series

Square type Emergency Light | EU Certified Solution

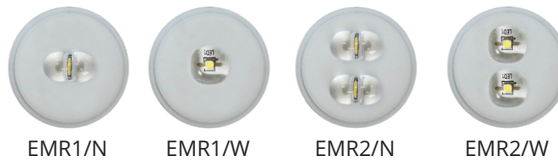
PRODUCT FEATURE:

- 220-240VAC, 50/60Hz
- 24 hours charge
- EMS1: Non-maintained (with an option of connecting as maintained)
- EMS2: Non-maintained only
- Maintained or Non-maintained for 1 hour and 3 hours



BENEFITS:

- Thermoplastic housing
- High power LED 3535, CCT 5000K
- EMS1: 240lm, EMS2: 510lm (MT, AT model, Narrow lens)
- Surface mounting
- Various optical for different applications
- Wide lens for open area, narrow lens for corridor
- AUTO test with Wireless Reporting LynxEM Control

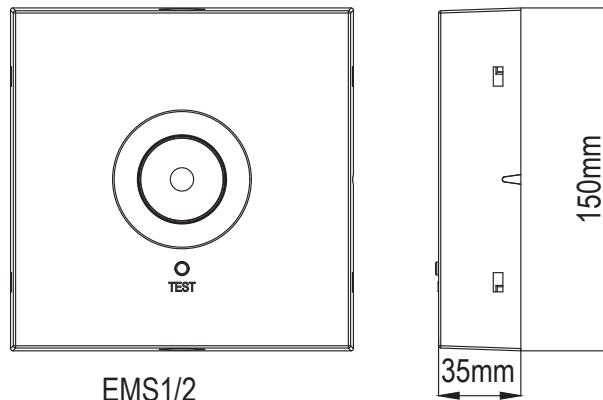


ORDERING INFORMATION:

Model	Lens		Duration		Test Function		Battery		Housing	
EMS1 Minimum 240 lumen output	W	Wide lens	1H:	1 hour	AT:	Auto test	LFP:	LifePO4	WH	White
			BK	Black						
EMS2 Minimum 510 lumen output (MT, AT model narrow lens)	N	Narrow lens	3H:	3 hours	MT:	Manual test				
			CBS:	Central battery	DA/ NFC:	Dali enable, NFC feature optional				

CBS: Suitable for central battery system, 220-240V, DC176-254V input

PRODUCT DIMENSION:

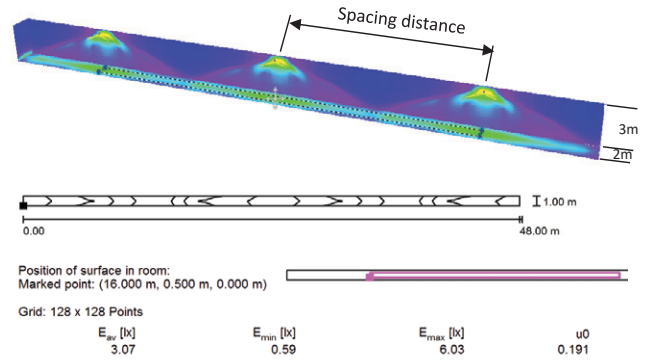
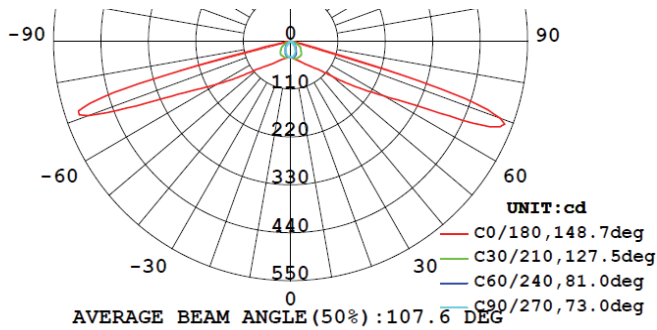


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Photometric - EMS/N- Corridor lens for escape route

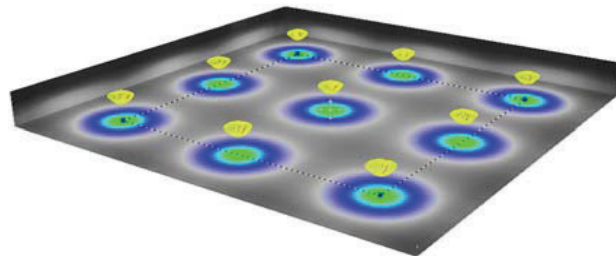
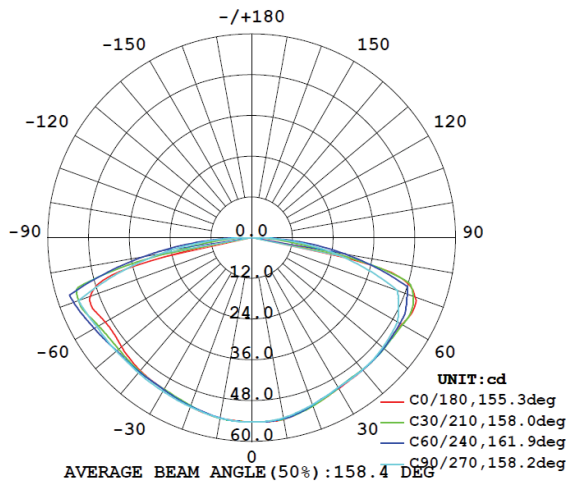


Compliant EUROPE standard EN1838

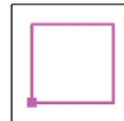
Illuminance requirement:

Escape route up to 2 m wide, 1 lx on the central axis
and 0.5 lx at 50% of the width.

Photometric - EMS/N- Wide lens for open area (anti-panic)



Position of surface in room:
Marked point: (7.502 m, 7.502 m, 0.000 m)



Grid: 128 x 128 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$
1.21	0.63	4.33	0.524

Compliant EUROPE standard EN1838

Illuminance requirement:

The horizontal illuminance shall be not less than 0.5 lx at the floor level at each point of the empty core area which excludes a border of 0.5 m of the perimeter of the area..