

New



NEMD-Series (New Generation Of EMD)



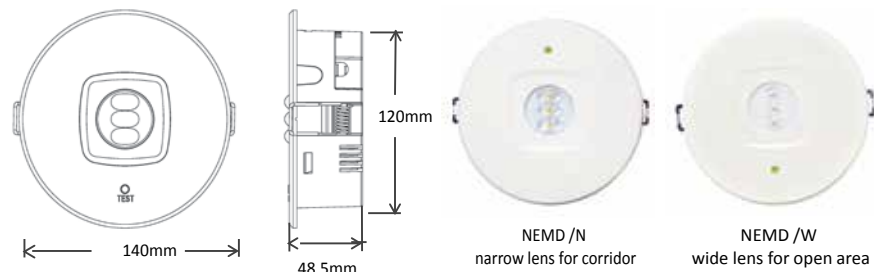
Standard Feature

- Thermoplastic housing
- Recessed mounting and ceiling surface mounting
- Two kinds of lens for escape route or open area illumination
- IP20 ingress protection
- CE, CB, RoHS compliant

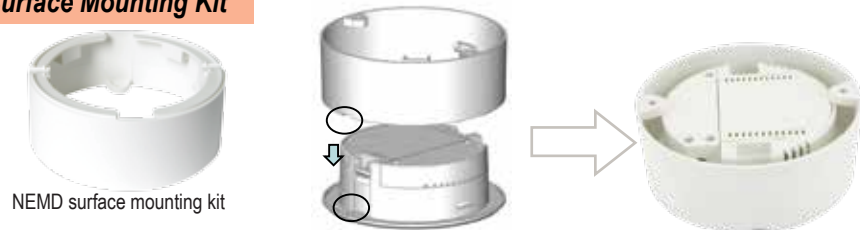
Electrical Features

- Normal Supply: 220-240V 50/60Hz
- Power consumption: 4W max.
- Charge / discharge time: 24 hours charge, 1/3 hour discharge
- Battery: Ni-MH battery, life time 4 years
- Test facility: Manual test/AUTO test and DALI
- Operation: NEMD1: non-maintained, can change to switchable maintained
NEMD2: non-maintained only
- LED: SMD 3030 1W, CCT 6500K
- Deliver lumen: NEMD: 235lm, NEMD2: 375lm, constant lumen output

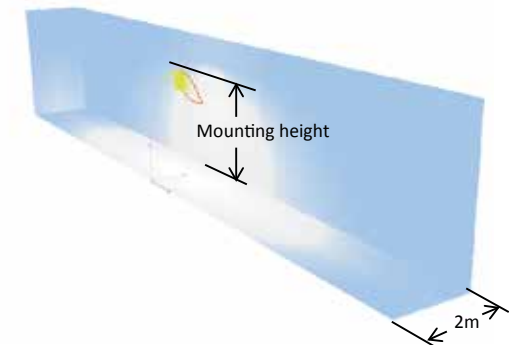
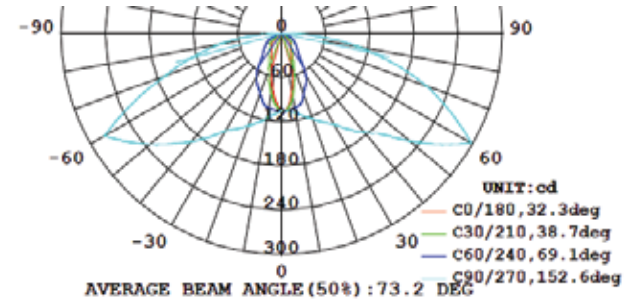
Optical specification



Surface Mounting Kit



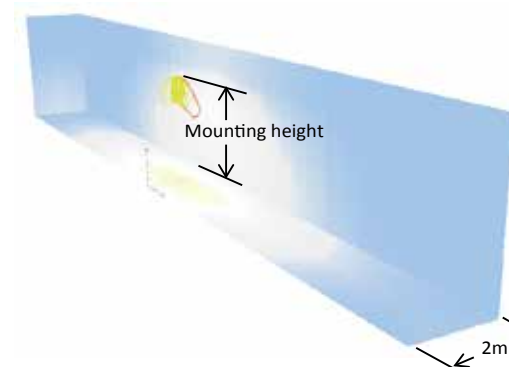
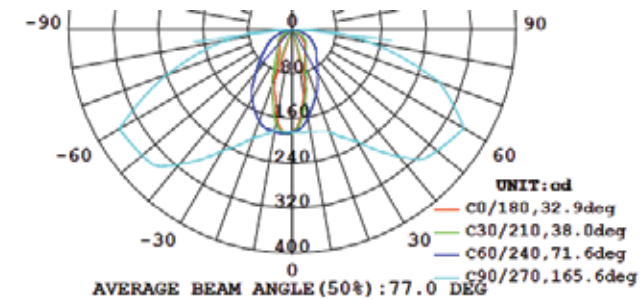
Photometric-----NEMD1/N



Mounting Height	Center to center distance
2.5m	16m
3.0m	18m
3.5m	19m

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.

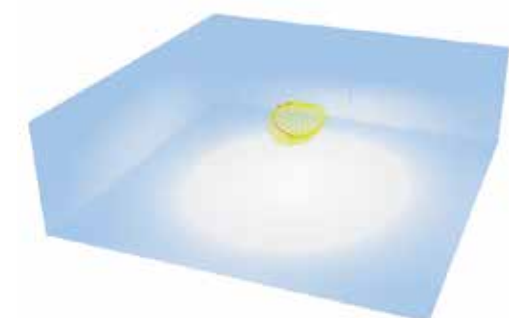
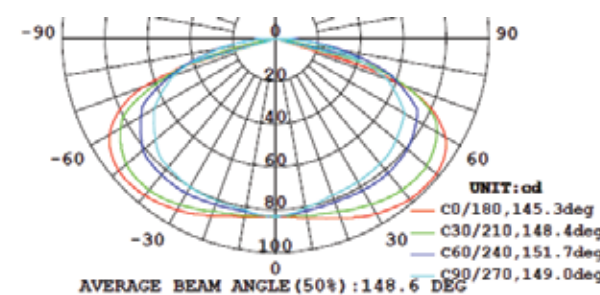
Photometric ----- NEMD2/N



Mounting Height	Center to center distance
2.5m	18m
3.0m	20m
3.5m	22m

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-----NEMD2/W



Mounting Height	Open Area
2.5m	10m*10m
3.0m	11m*11m
3.5m	12m*12m

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..

Ordering Guide

Article No	Model No	Lamp	Flux(lm)	Type of Lens	Type	Duration	Test	Battery	Power Consumption
69.22.00.311	NEMD1/X/1H/MT/MH	3xLED	235lm	W / N	Maintain/Non-maintained	1 hour	Manual test	Ni-Mh 7.2V 600mA	4W max
69.22.00.411	NEMD1/X/1H/AT/MH	3xLED	235lm	W / N	Maintain/Non-maintained	1 hour	Auto test	Ni-Mh 7.2V 600mA	4W max
69.22.00.431	NEMD1/X/3H/MT/MH	3xLED	235lm	W / N	Maintain/Non-maintained	3 hour	Manual test	Ni-Mh 7.2V 1200mA	4W max
69.22.00.312	NEMD1/X/3H/AT/MH	3xLED	235lm	W / N	Maintain/Non-maintained	3 hour	Auto test	Ni-Mh 7.2V 1200mA	4W max
69.22.00.412	NEMD2/X/1H/MT/MH	6xLED	375lm	W / N	Non-maintained	1 hour	Manual test	Ni-Mh 7.2V 800mA	4W max
69.22.00.432	NEMD2/X/1H/AT/MH	6xLED	375lm	W / N	Non-maintained	1 hour	Auto test	Ni-Mh 7.2V 800mA	4W max
69.22.00.411	NEMD2/X/3H/MT/MH	6xLED	375lm	W / N	Non-maintained	3 hour	Manual test	Ni-Mh 3.6V 2200mA	4W max
69.22.00.433	NEMD2/X/3H/AT/MH	6xLED	375lm	W / N	Non-maintained	3 hour	Auto test	Ni-Mh 3.6V 2200mA	4W max
69.22.00.421	NEMD1/X/1H/DA/MH	3xLED	235lm	W / N	Maintain/Non-maintained	1 hour	DALI	Ni-Mh AA 7.2V 800mA	6.5W max
69.22.00.422	NEMD1/X/3H/DA/MH	3xLED	235lm	W / N	Maintain/Non-maintained	3 hour	DALI	Ni-Mh AA 7.2V 1300mA	6.5W max
69.22.00.423	NEMD2/N/1H/DA/MH	6xLED	275lm	N	Non-maintained	1 hour	DALI	Ni-Mh AA 7.2V 1300mA	6.5W max
69.22.00.433	NEMD2/N/3H/DA/MH	6xLED	275lm	N	Non-maintained	3 hour	DALI	Ni-Mh AA 7.2V 2200mA	6.5W max
Central battery system product									
* 69.00.50.000	NEMD1/X/CBS	--	--	W / N	--	--	CBS	DC 176-250V	--
* 69.00.60.000	NEMD2/X/CBS	--	--	W / N	--	--	CBS	or AC 220-240V	--
69.00.60.001	NEMD surface mounting kit	--	--	--	--	--	--	--	--

CBS: Suitable for central battery system 220~240V, DC 176~250V input
When using narrow lens for escape area, Use model No xxx.xx.xx.xxx.N
W:Wide lens for open area N:Narrow lens for corridor