



Dyode

Unique fully recessed LED emergency luminaire.

At just 50mm in diameter Dyode is one of the smallest recessed LED based emergency luminaires currently available and the superbly designed refractor lens assembly which is incorporated into a high quality injection moulded housing offering an IP20 protection rating accentuates the virtues of the high power white LED light source. By utilizing a specially developed LED driver and advanced thermal engineering techniques to dramatically reduce the LED operating temperature the light output level from the LED is guaranteed throughout the full emergency duration, ensuring the life of the LED exceeds 50,000 hours.

Two versions of the advanced lens designs are available. One specifically for corridor lighting (CR) offers an elongated distribution pattern to efficiently illuminate the centre line of escape route corridors and extends the spacing distance between luminaires. The second offers a more traditional cone distribution pattern for use in open areas (OA) or for specific task lighting. These unique features allow the emergency lighting scheme designer the option of incorporating Dyode into an existing mains only luminaire, to create an unobtrusive low maintenance integrated emergency luminaire.

Alternatively they can be used in stand alone applications for emergency lighting.

The control circuitry is housed in a robust metal assembly and along with the Ni-MH battery pack is contained within a high quality flexible silicone sleeve which can easily pass through the 40mm cut out required for Dyode when mounted independently in a ceiling void.

All Dyode products are available with a self-test facility as an option which includes a volt-free contact.

The open area lens (OA) will be supplied as standard. The corridor lens (CR) is an option. The required lens must be specified when ordering because it cannot be changed on site.



Actual size



Dyode NM3/M3 emergency pack

Key Features:

- 50 mm diameter
- Refractor lens
- A specially developed LED Driver
- Life of LED exceeds 50,000 hours
- NI-MH battery pack
- LED Self-test facility

Options Suffix:

- /CR** Corridor Lens (must be factory fitted)
/ST Self Testing Luminaire
/TM14 14 Minute Timer Delay for use with Discharge Lamp schemes

Mains Luminaires

Cat No.	Lamp	Lumens*	Kg
DY/LED/230A/OA NEW	LED Open Area	75	0.1

Emergency Luminaires

Cat No.	Mode/Lamp	Lumens*	Kg
DY/LED/NM3/OA	NM3 LED Open Area	75	0.1*
DY/LED/M3/OA NEW	M3 LED Open Area	75	0.1*

Slave Luminaires

Cat No.	Mode/Lamp	Lumens*	Kg
DY/LED/#/D/OA NEW	Slave LED Open Area	75	0.1*

* Emergency Lumens

* For other durations, specify the required time period e.g. /NM3 but for 1 hour duration becomes /NM1

* The specified weight does not include Dyode Emergency pack, add 0.4kg

Suitable for 110V and 220 V AC/DC systems

Dimensions: Ø 50mm x 32mm depth (22mm above ceiling)

Cut out dimensions: Ø 40mm

IP20 