Self-contained Track Mounted Downlight

Track EM

The **Track EM** unit offers a simple method of providing discreet emergency lighting in areas that require a self-contained solution powered by the existing track system (Eutrac, Global or Stucchi Track).

Supplied with a 'clip-in' symmetrical wide angle lens or asymmetrical 'corridor' lens for escape routes (both supplied) the **Track EM** luminaire simply connects to a permanent 230Volt supply via the integral track adaptor to provide effective emergency lighting with 3hour duration.

Standard Self-Test

Incorporating tried and tested emergency driver technology from the ELP **proSeries**, the **Track EM** offers self-contained, non-maintained emergency lighting with integral automatic Self-Test.

Optional DALI

Utilising appropriate Eutrac, Global or Stucchi Track with DALI conductors and a DALI test system (such as the ELP **SurePath** system) the **Track EM**/DALI option can provide central DALI testing. Although the unit is offered with non-maintained operation and only uses one DALI address, switchable maintained operation (e.g. for night or security lighting) is still possible by using the DALI system to switch the LED on or off in mains healthy conditions (the ease of this operation depends upon the DALI system).
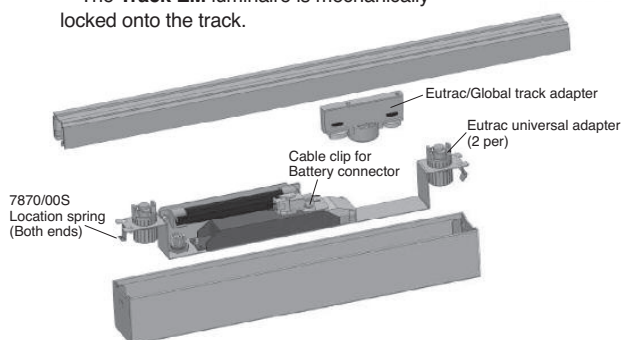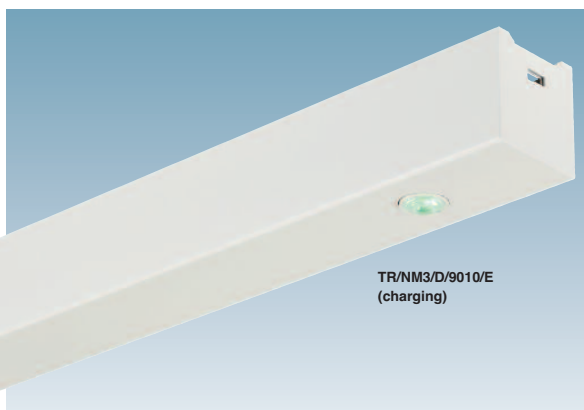

TR/NM3/D/9010/E
(charging)

SPECIFICATION

The **Track EM** can be specified for use with Eutrac, Global or Strucchi Track systems (standard or DALI). The enclosure houses an 'intelligent' **proSeries** LED driver/ battery charger and a Lithium Iron Phosphate (LiFePO$_4$) battery. The integral downlight utilises a Nichia '3Watt' high power white LED operating in conjunction with a wide angle or 'corridor' distribution lens.

The Lithium Iron battery technology ensures long life without the thermal concerns associated with the more common Nickel Metal Hydride battery technology.

The **Track EM** Steel housing is available finished in White (white downlight body) or Black (silver downlight body).

The **Track EM** luminaire is mechanically locked onto the track.

Eutrac/Global track adapter

Eutrac universal adapter (2 per)

Cable clip for Battery connector

7870/00S Location spring (Both ends)

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Fully integrated components and the latest software ensure that the **Track EM** luminaire automatically provides a Self-Test function to BS EN62034.

If DALI track from Eutrac, Global or Stucchi Track is connected to an appropriate DALI system, DALI central test is also possible.

Environmental	Protection against electric shock	Class I
	Ingress protection	IP20
	Rated operating ambient temperature	0 to 35°C
	Mounting	Eutrac, Global or Stucchi Track (mechanically locked)
Mains operation	Rated voltage supply	220/240V AC
	Mains frequency	50/60Hz
	Mains supply current	20mA
Emergency operation	Emergency duration	3 hours
	Battery recharge period	<24 hours
	Battery charging	Intelligent constant voltage
	Battery discharge current — nominal	375mA
	Lumen output	190 lumens (max.)
	Integral test routine	EN62034/DALI
Mechanical	Dimensions	50.4 (H) x 415.0 (L) x 58.0 (D)
	Electrical connection	Integral Eutrac, Global or Stucchi adaptor
	Enclosure	Hook and spring catch

TRACK EM — Emergency Lighting Spacings

Mounting height Hm (m)	Track EM/C Spacing (m) min 0.5Lux open area	Track EM/C Spacing (m) min 1Lux escape	Track EM/105 Spacing (m) min 0.5Lux open area	Track EM/105 Spacing (m) min 1Lux escape
2.0	n/a	10.0	7.9	6.8
2.5	n/a	11.0	8.8	7.9
3.0	n/a	12.0	9.4	9.1

TR/NM3/D/9010/E

ORDER CODES   Description

STANDARD (Non-DALI) VERSIONS

TR/NM3/ST/9005/G	Self-Test, non-maintained, black with Global track adaptor
TR/NM3/ST/9005/E	Self-Test, non-maintained, black with EUTRAC track adaptor
TR/NM3/ST/9005/S	Self-Test, non-maintained, black with Stucchi track adaptor
TR/NM3/ST/9010/G	Self-Test, non-maintained, white with Global track adaptor
TR/NM3/ST/9010/E	Self-Test, non-maintained, white with EUTRAC track adaptor
TR/NM3/ST/9010/S	Self-Test, non-maintained, white with Stucchi track adaptor

DALI VERSIONS

TR/NM3/D/9005/G	DALI, black with Global track adaptor
TR/NM3/D/9005/E	DALI, black with EUTRAC track adaptor
TR/NM3/D/9005/S	DALI, black with Stucchi track adaptor
TR/NM3/D/9010/G	DALI, white with Global track adaptor
TR/NM3/D/9010/E	DALI, white with EUTRAC track adaptor
TR/NM3/D/9010/S	DALI, white with Stucchi track adaptor

NB: For Maintained operation (switching of the mains operation via DALI) please change **/NM3** to **/M3**

Global and EU versions are held in stock — Stucchi versions are to special order

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