Self-contained Track Mounted Downlight

Track EM

TR/NM3/D/9010/E

TR/NM3/ D/9005/E

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.

3 Track Self-Test

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

5 Track DALI

Utilising appropriate Eutrac, Global or Stucchi Track with DALI conductors and a DALI test system (such as the Lightsolutions **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).

SPECIFICATION

The Track EM can be specified for use with Eutrac, Global or Strucchi Track systems (self-test or DALI). The enclosure houses an 'intelligent' LMProSeries 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 provides long life (up to 8 years) and smart charging which offers energy saving over convertional NiCd battery solutions. The Track EM Steel housing is available finished in White or Black.

The Track EM luminaire is mechanically locked onto the track.

DALI Self Test LiFePO4 INSTALLED

Light Solutions, Unit 73, Western Parkway Business Park, Ballymount Road lower, Dublin 12, D12 FF61

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Always switched on!
www.lightsolutions.ie

Self-contained Track Mounted Downlight

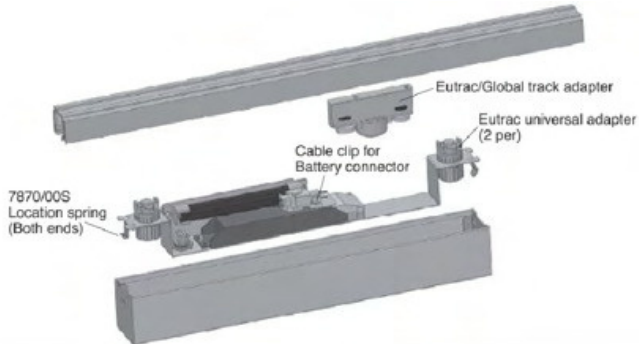
Track EM

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

TRACK EM — Emergency Lighting Spacings

	Track EM/C		Track EM/105	
Mounting height Hm (m)	Spacing (m) min 0.5Lux open area	Spacing (m) min 1Lux escape	Spacing (m) min 0.5Lux open area	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



Order Codes	Description
Self-test 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

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