



Led indicator shines through the plastic housing



YODA TRACK

The **YodaTrack** unit offers a simple method of providing discreet emergency lighting in areas that require a self-contained solution powered by an existing Global and Stucchi track system.

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

STANDARD DALI/SELF-TEST

Incorporating tried and tested emergency driver technology, the **Yoda Track luminaire** offers self-contained, non-maintained operation emergency lighting with integral automatic Self-Test.

OPTIONAL DALI

Utilising appropriate Global or Stucchi track with DALI conductors and a DALI test system, the **Yoda Track** can provide central DALI testing.

SPECIFICATION

The **YodaTrack** can be specified for use with the Global or Stucchi track systems (standard or DALI). The enclosure houses an 'intelligent' LED driver/battery charger and a Lithium Iron Phosphate (LiFePO4) battery. The integral downlight utilises a Nichia '3Watt' high power white LED operating in conjunction with a wide angle or 'corridor' distribution lens.

The **Yoda Track** polycarbonate housing is available finished in White or Black and the YodaTrack luminaire is mechanically locked onto the track.

Fully integrated components and the latest software ensure that the **Yoda Track** luminaire can be connected to any approved DALI control system.

When the mains supply is initially connected, the **Yoda Track** circuit initiates the Self-Test commissioning mode and then activates the weekly and annual test routine starting at random times to ensure tests do not get carried out simultaneously in the same areas. Faults such as charge failure, battery failure, etc. will be indicated locally by a bi-colour LED.

The **Yoda Track** luminaire will continually be prepared for a DALI signal even when operating in Self-Test mode. If a DALI signal is received the Self-Test mode will be disabled and the circuit will adopt full DALI mode.

OPERATION

	Subject	Plastic Housing
Environmental	Protection against electric shock	Class II
	Ingress protection	IP40
	Rated operating ambient temperature	0 to 40° C
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	370mA
	Lumen output	262 lumens (max)
Mechanical	Integral test routine	EN62034/DALI
	Dimensions (Luminaire Body)	142mm dia x 43mm (h)
	Dimensions (With Track Adapter)	142mm dia x 115mm (h)

YODA TRACK - Emergency Lighting Spacing

Mounting height Hm (m)	YODA/C		YODA/W	
	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	14.0	13.9	12.8
2.5	n/a	15.3	15.1	14.0
3.0	n/a	16.5	14.8	13.6

Order code

Description

Order code	Description
YODA-TR-ST-WH/G	Yoda Track mounted luminaire, self-contained, Self-test, White - Global Track
YODA-TR-ST-BL/G	Yoda Track mounted luminaire, self-contained, Self-test, Black - Global Track
YODA-TR-DA-WH/G	Yoda Track mounted luminaire, self-contained, DALI, White - Global Track
YODA-TR-DA-BL/G	Yoda Track mounted luminaire, self-contained, DALI, Black - Global Track
YODA-TR-ST-WH/S	Yoda Track mounted luminaire, self-contained, Self-test, White - Stucchi Track
YODA-TR-ST-BL/S	Yoda Track mounted luminaire, self-contained, Self-test, Black - Stucchi Track
YODA-TR-DA-WH/S	Yoda Track mounted luminaire, self-contained, DALI, White - Stucchi Track
YODA-TR-DA-BL/S	Yoda Track mounted luminaire, self-contained, DALI, Black - Stucchi Track