



## YODA2-NM3

The Yoda2 unit offers a simple method of providing discreet emergency lighting in areas that require a surface mounted or recessed self-contained solution.

Supplied with a 'clip-in' symmetrical wide angle lens or asymmetrical 'corridor' lens for escape routes (both supplied) the Yoda2 downlight simply requires a permanent 230Volt supply to provide effective non- maintained emergency lighting with 3hour duration.

Incorporating tried and tested emergency driver technology from the proSeries, the Yoda2 downlight offers self- contained, non-maintained operation emergency lighting with integral automatic Self-Test or DALI communication from a single product.

The enclosure may be surface mounted or recessed into the supporting surface. With either mounting option the Yoda2 is both discreet and attractive.

Finished in white or black fire retardant plastic the Yoda2 blends in with the other architectural furniture.

The excellent performance allows the units to be mounted at very wide spacings making installation simple and cost effective.

### Specification

The surface or recessed mounting enclosure houses an 'intelligent' proSeries DALI/Self-Test LED driver and a Lithium Iron Phosphate (LiFe) battery. A Nichia '3Watt' high power white LED is mounted in the fascia plate in conjunction with a choice of 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.

Fully integrated components and the latest software ensures that the Yoda2 luminaire can be connected to any approved DALI control system. When the mains supply is initially connected, the Yoda2 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 Yoda2 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	IP44
	Rated operating ambient temperature	0 to 25°C
	Surface and recess mounting	Flammable surfaces and covered
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	260lumens (max)
	Integral test routine	EN62034/DALI
Mechanical	Dimensions (Surface)	142mm dia x 43mm (h)
	Dimensions (Recessed)	130mm dia cut-out x 43mm (h)
	Mains input	unswitched L&N



### Emergency Lighting Spacings

Mounting height Hm (m)	YODA2/C		YODA2/WIDE	
	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
YODA2/NM3-NA-WH	SURF/REC 3W 260LM NON-AUTO TEST, WHITE C/W CORRIDOR & WIDE ANGLE LENS
YODA2/NM3-NA-BLK	SURF/REC 3W 260LM NON-AUTO TEST, BLACK C/W CORRIDOR & WIDE ANGLE LENS
YODA2/NM3/DAST-WH	SURF/REC 3W 260LM DALI/SELF TEST, WHITE C/W CORRIDOR & WIDE ANGLE LENS
YODA2/NM3/DAST-BLK	SURF/REC 3W 260LM DALI/SELF TEST, BLACK C/W CORRIDOR & WIDE ANGLE LENS