

# Voyager Fit

96629566 VOYAGER FIT MRC E3 NM

+ SPOT OPTIC

LED 2W YOYF_E3			IP20	IK03			850°C	T <sub>a</sub> 5 30	
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## Voyager Fit

Self contained, ceiling recessed, emergency lighting luminaire with 3 hour, manual test, emergency lighting circuit, non-maintained. Housing: white (close to RAL9016) polycarbonate. Battery strap: red rubber incorporating cable. Suitable for mounting into ceiling thicknesses from 1 to 25mm. Class II electrical (this product is not earthed), IP20, IK03. Ceiling cut-out Ø40mm, void 80mm minimum. Pre-wired with 250mm, low smoke, halogen free 0.75mm<sup>2</sup> stranded cable with prepared ends. Complete with 6500K LED.

Interchangeable optics for anti-panic, escape route and spot applications included.

Dimensions: Ø51 x 94 mm

Weight: 0.22 kg

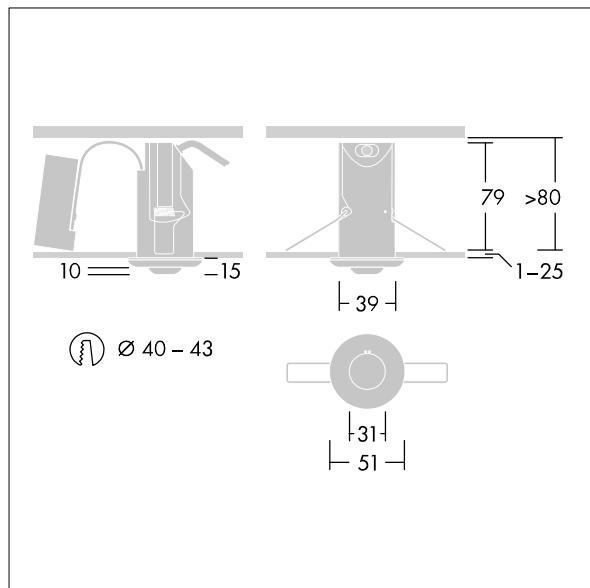
Self-contained emergency luminaires rely on long-lasting batteries. Voyager Fit's high-tech lithium iron phosphate battery is robust and comes with a three-year guarantee (applicable subject to the terms and conditions of and to the extent as set forth in the manufacturer's guarantee on Thorn products, which shall be applicable analogously and which is available under [http://www.thornlighting.com/en/products/5-year-guarantee/5-year-warranty/terms-of-guarantee\\_en.pdf](http://www.thornlighting.com/en/products/5-year-guarantee/5-year-warranty/terms-of-guarantee_en.pdf). The battery guarantee shall not come into effect if the product has been installed later than three (3) months after delivery EXW (Incoterms 2010).

Equipped with:

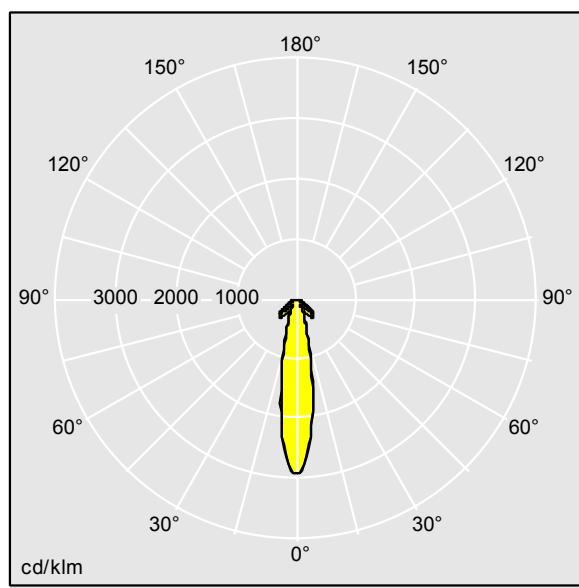
Voyager Fit polycarbonate lens for spot emergency lighting.



TLG\_VOYF\_F\_SET.jpg



TLG\_VOYF\_M\_LD1.wmf



TLG\_SP\_0042860.ldt

Lamp position: EM - emergency operation

Light Source: LED

Luminaire luminous flux\*: 200 lm

Total emergency luminous flux: 200 lm

Colour Rendering Index min.: 80

Please also consult the additional information on the next page

Correlated colour temperature\*: 6500 Kelvin

Chromaticity tolerance (initial MacAdam)\*: 3

Rated median useful life\*:

50000h L80 at 30°C

Standby Power\*: 0.6 W

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All values marked with an \* are rated values. Thorn uses tried and tested components from leading suppliers, however there may be isolated instances of technology-related failures of individual LEDs during the rated product lifetime. International standards set the tolerance in initial flux and connected load at  $\pm 10\%$ . Colour temperature is subject to a tolerance of up to  $\pm 150$  Kelvin from the nominal value. Unless stated otherwise, the values apply to an ambient temperature of  $25^\circ\text{C}$ .

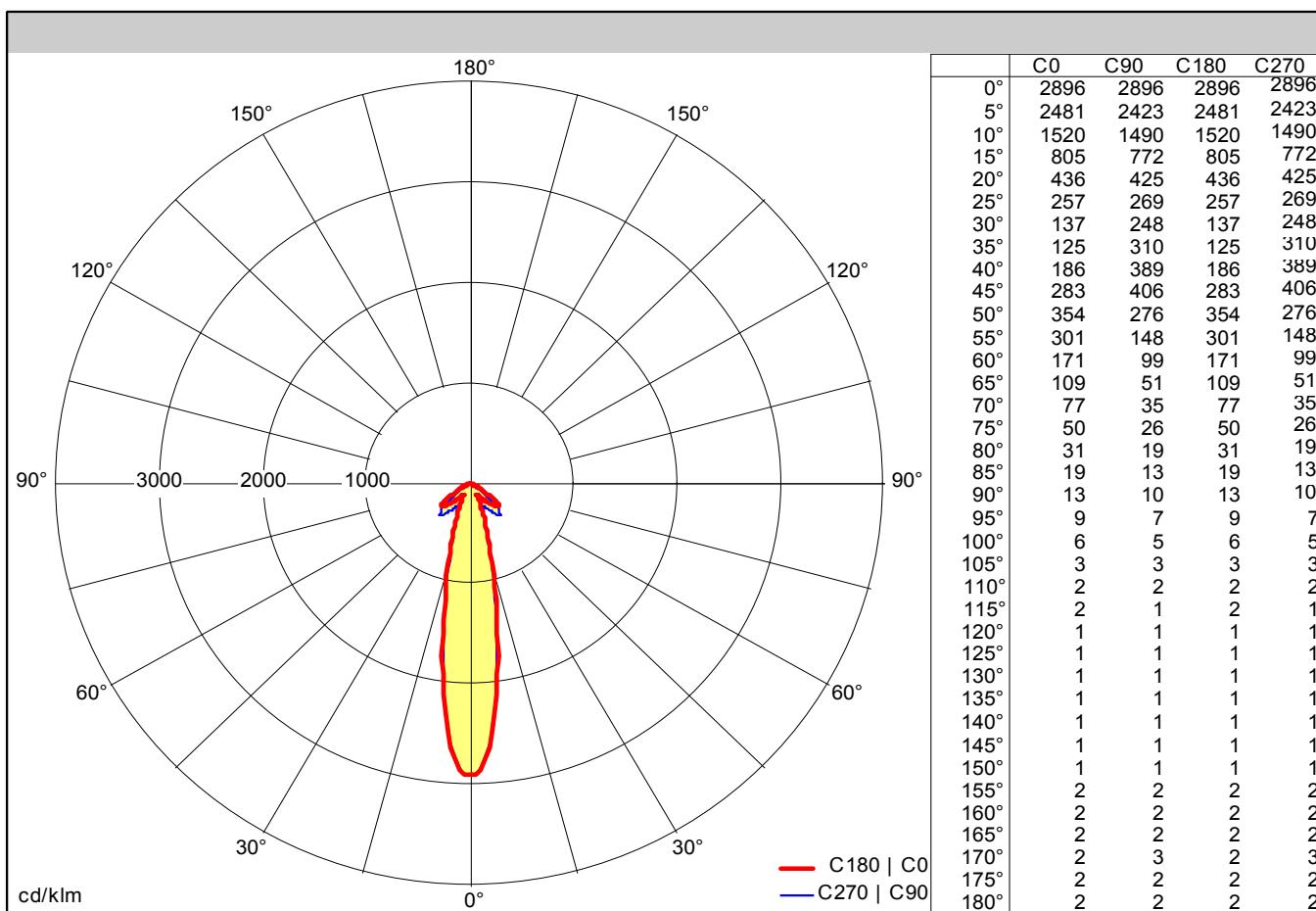
In most products the failure of one LED point causes no functional impairment to the lighting performance of the luminaire and is therefore no reason for complaint. Unless otherwise stated all Thorn LED products are suitable for unrestricted use (rated RG0 or RG1) with regard photobiological blue light safety (IEC/EN60598-1).

Thorn Lighting is constantly developing and improving its products. The right is reserved to change specifications without prior notification or public announcement.  
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Light output ratio	
LOR	100 %
ULOR	2 %
DLOR	98 %
FFR	0.02 (2:98)
BLF	1.00

Glare Evaluation	
X = 4 H, Y = 8 H	S = 1.00 H
Reflection factors	70/50/20
UGR transversal	<28
UGR axial	<25

Classification	
LiTG	A61
EN	
BZ	BZ2/2/BZ3
UTE	0.98 C + 0.02 T
CIE Flux Codes	67 88 97 98 100

Utilization Factors									
Room Reflectance Ceiling/Walls/Floor	Room Index								
	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
70 / 50 / 20	74	80	85	89	94	98	100	104	106
70 / 30 / 20	67	74	80	84	90	94	96	100	103
70 / 10 / 20	63	70	75	80	86	90	93	98	101
50 / 50 / 20	71	78	83	86	91	94	96	100	101
50 / 30 / 20	66	73	78	82	87	91	93	97	99
50 / 10 / 20	62	69	74	78	84	88	91	95	97
30 / 50 / 20	70	76	80	84	88	91	93	96	97
30 / 30 / 20	65	72	76	80	85	88	90	93	96
30 / 10 / 20	62	68	73	77	82	86	88	92	94
0 / 0 / 0	60	66	70	74	78	82	84	87	89

According to CIBSE Technical Memorandum No. 5 1980

SHR Nom =	NA
SHR Max =	NA
SHR Max TR =	NA

Photometric data file: TLG\_SP\_0042860.ldt