

# Voyager Compact LED

THORN

## VYBE3 / 96242092 Voyager Compact LED

LED 3W LED_VOYC_94	EN 60598-2-22	IP65			850°C	T <sub>a</sub> 0 +25
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### Voyager Compact LED

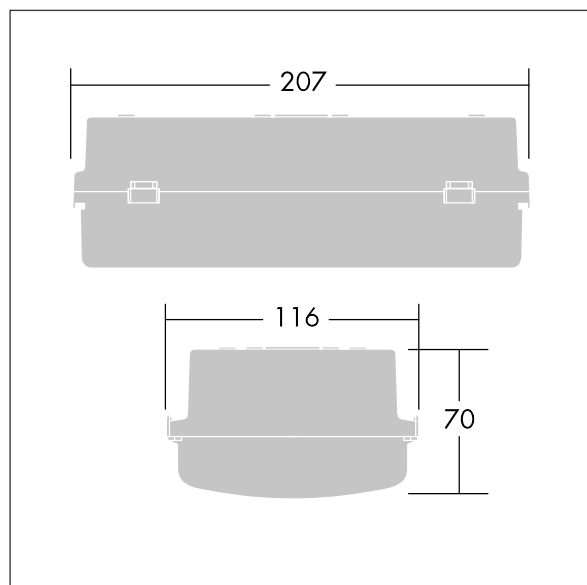
Compact LED emergency lighting bulkhead, maintained or non-maintained operation selectable by installer. Body and cowl: white polycarbonate. Diffuser: clear polycarbonate. IP65, IK03, Class II electrical. Mains connection via loop in / loop out terminal block. Four screw fixing with BESA and conduit mounting options. Complete with 6500K LED.

Converts to Exit sign with addition of self adhesive legends, to be ordered separately.

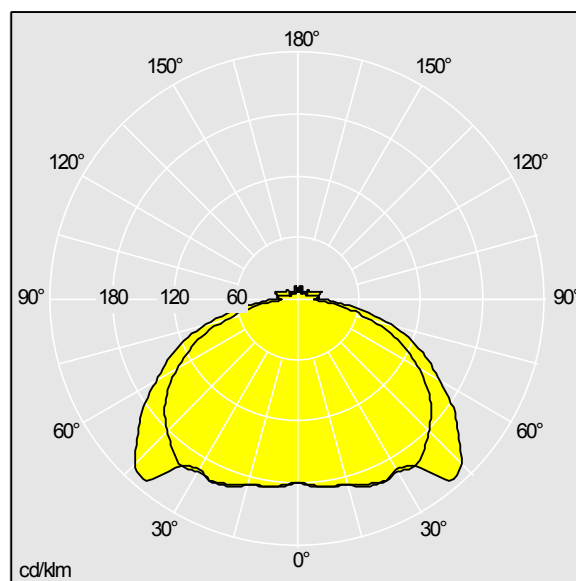
Dimensions: 210 x 115 x 70 mm  
Total power: 3 W  
Luminaire luminous flux: 94 lm  
Weight: 0.5 kg



TLG\_VOYC\_F\_PDB2.jpg



TLG\_VOYG\_M\_CMPCTLD1.wmf



TLG\_SP\_0041844.idt

Lamp position: STD - standard  
Light Source: LED  
Total luminous flux\*: 94 lm  
Total emergency luminous flux: 81 lm  
Luminaire efficacy\*: 31 lm/W  
Lamp efficacy: 31 lm/W

Rated median useful life\*: 50000h at 25°C  
Ballast: 1x HF Tridonic EMpcbLED BASIC  
Luminaire input power\*: 3 W  $\lambda = 0.7$   
Charging power: 2 W  
Maintenance category: E  
LOR: 1,00 ULOR: 0,13 DLOR: 0,87

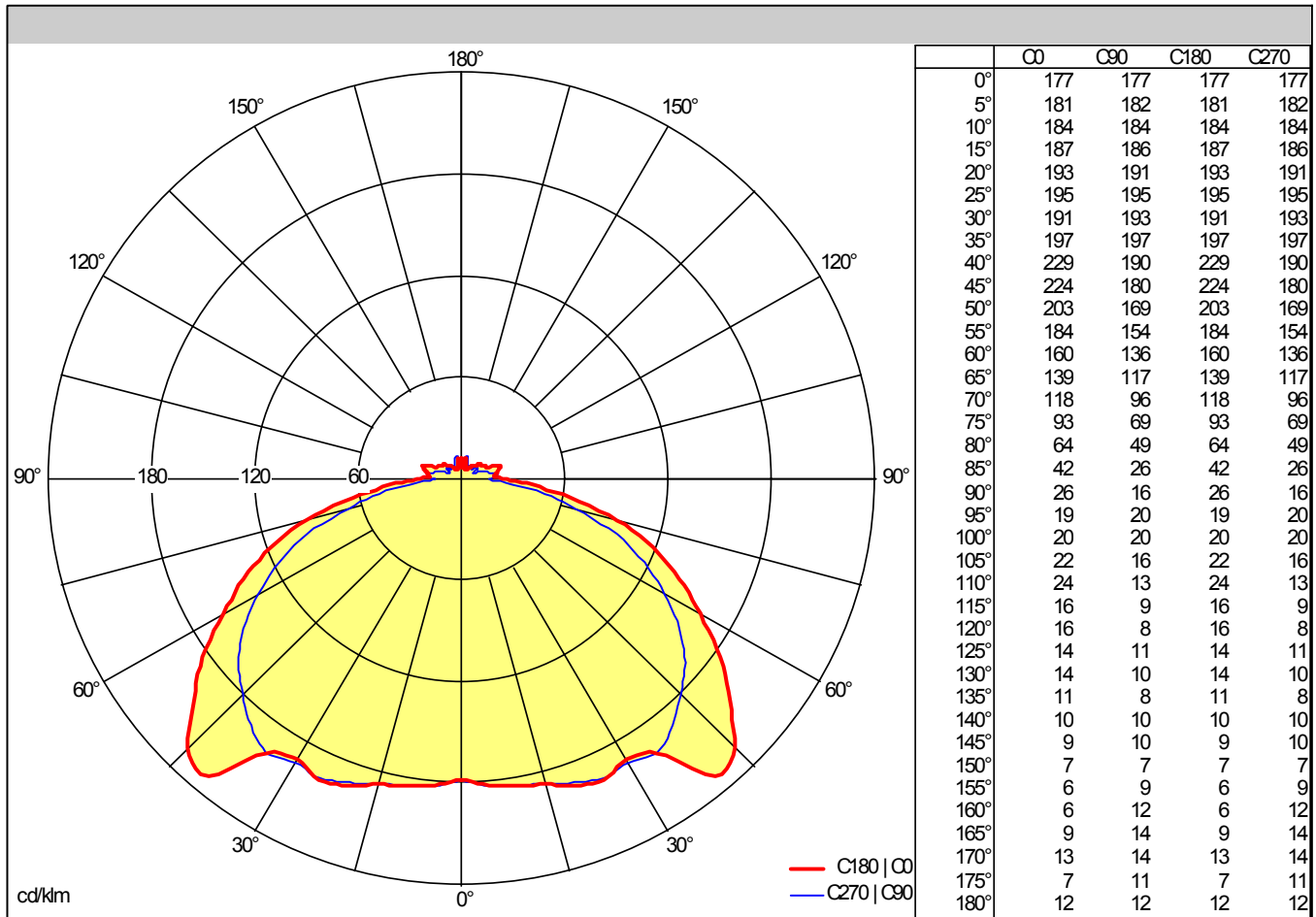
All values marked with an \* are rated values. Thorn uses tried and tested components from leading suppliers, however there may be isolated instances of technology-related failures of individual LEDs during the rated product lifetime. International standards set the tolerance in initial flux and connected 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°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.

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	13 %
DLOR	87 %
FFR	0.15 (13:87)
BLF	1.00

Gare Evaluation	
X = 4 H, Y = 8 H	S = 1.00 H
Reflection factors	70/50/20
UGR transversal	<19
UGR axial	<19

Classification	
LITG	B31
EN	55° < 1500 cd/m² 65° < 1500 cd/m²
BZ	BZ5
UTE	0.87 G + 0.13 T
CIE Flux Codes	34 67 90 87 100

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	NA	61	67	72	80	85	89	94	97
70 / 30 / 20	NA	53	59	65	73	79	83	89	93
70 / 10 / 20	NA	47	53	59	68	74	78	84	89
50 / 50 / 20	NA	58	63	68	75	80	83	88	90
50 / 30 / 20	NA	51	56	61	69	75	78	84	87
50 / 10 / 20	NA	45	51	56	65	70	74	80	84
30 / 50 / 20	NA	54	59	64	70	75	78	82	84
30 / 30 / 20	NA	49	54	58	66	71	74	79	82
30 / 10 / 20	NA	44	49	54	62	67	71	76	79
0 / 0 / 0	NA	40	45	49	56	61	64	69	72

According to CIBSE Technical Memorandum No. 5 1980

SHR <sub>Nom</sub> =	2.00
SHR <sub>Max</sub> =	2.15
SHR <sub>Max</sub> TR =	2.68

Photometric data file: TLG\_SP\_0041844.ldt