

Jalon LED

THORN

96271423 JALON LED 12L18 830 MWA H

| | | | | |
|------------------|---|------|------|---|
| LED 4W LED_96_3K |  | IP65 | IK05 |  |
|------------------|---|------|------|---|

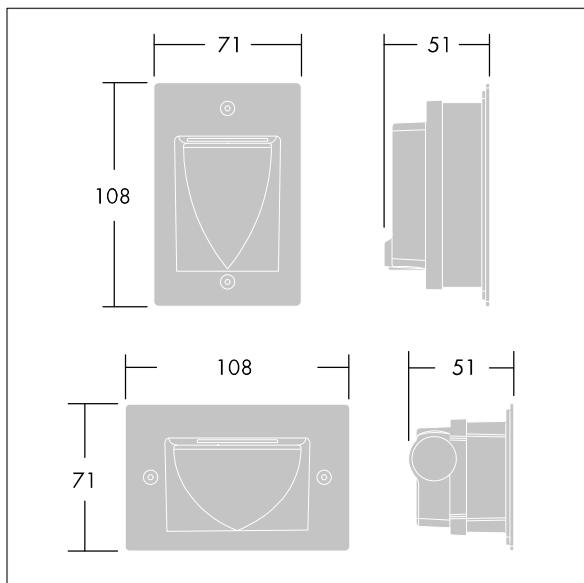
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A wall recessed LED luminaire for guidance, in horizontal orientation. 12 LEDs, driven at a fixed 180mA by integral driver. Body: die-cast aluminium, painted dark grey. Enclosure: polycarbonate. Supplied with polyethylene recessed box, also available separately. Electrical connection via 2 pole terminal block. Class II electrical, IP65, IK05. Complete with 3000K LED.

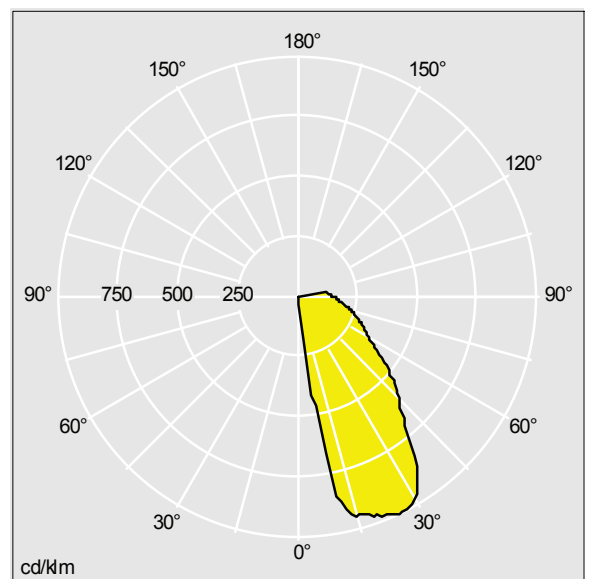
Dimensions: 108 x 71 x 51 mm
Total power: 4 W
Luminaire luminous flux: 96 lm
Luminaire efficacy: 24 lm/W
Weight: 0.3 kg



TLG_JALL_F_MWAHFRONT.jpg



TLG_JALL_M_LD1.wmf



TLLA_JAL12L18H3K_DC.ltd

Lamp position: STD - standard
Light Source: LED
Total luminous flux*: 96 lm
Luminaire efficacy*: 24 lm/W
Lamp efficacy: 24 lm/W

Rated median useful life*: 50000h L70 at 25°C
Ballast: 1x EL2
Luminaire input power*: 4 W
Dimming: Fixed output
LOR: 1,00 ULOR: 0,05 DLOR: 0,95

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 ± 150 Kelvin from the nominal value. Unless stated otherwise, the values apply to an ambient temperature of 25°C.

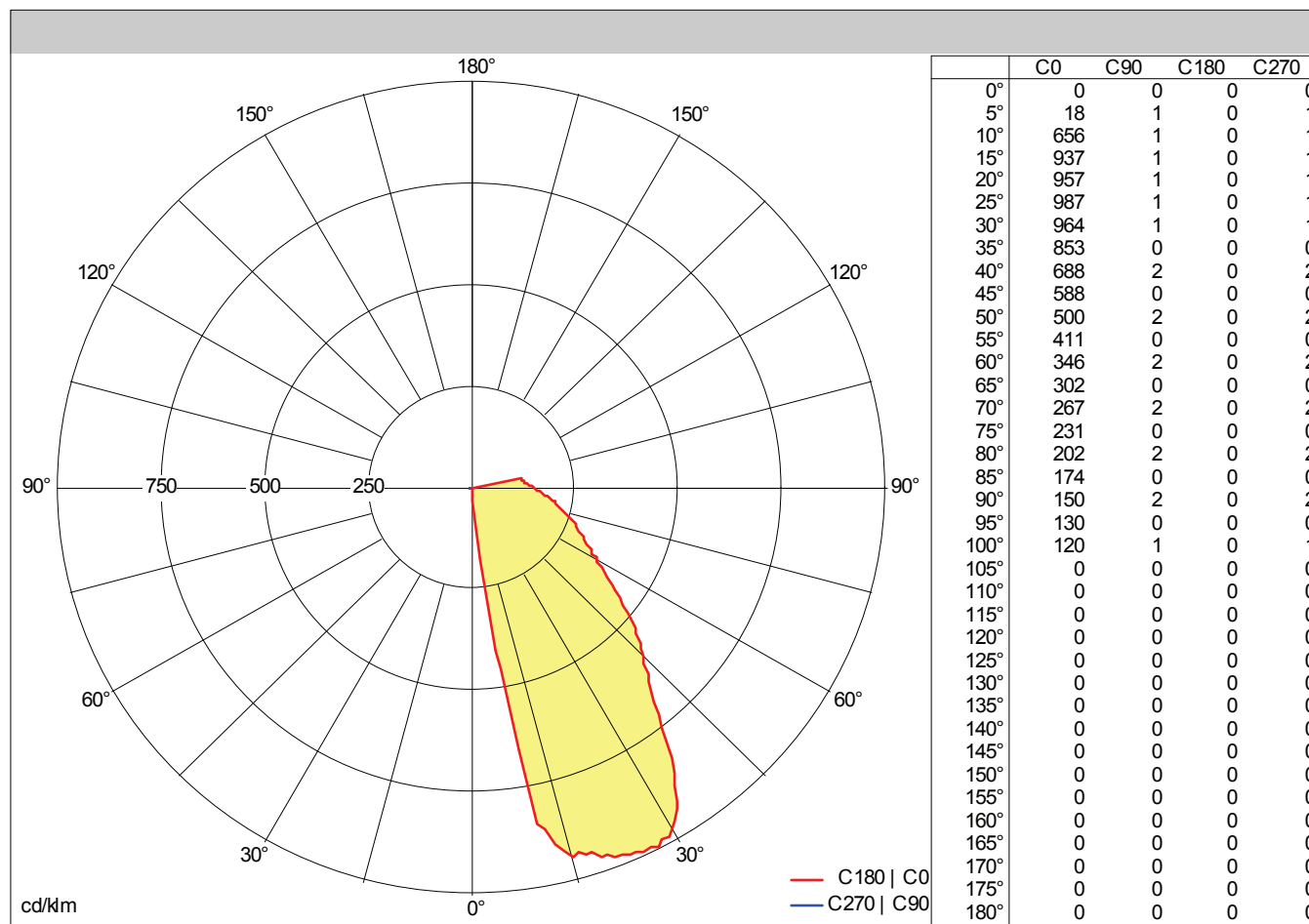
In most products the failure of one LED point causes no functional impairment to the lighting performance of the luminaire and is therefore no reason for complaint.

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 | 5 % |
| DLOR | 95 % |
| FFR | 0.05 (5:95) |
| 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 | 19 |
| according to AS1680.1 | |

| Classification | |
|----------------|-----------------|
| LiTG | A31 |
| EN | |
| BZ | |
| UTE | 0.95 G + 0.05 T |
| CIE Flux Codes | 42 72 89 95 100 |

| Utilization Factors | | | | | | | | | |
|--|------|------|------|------|--------------------|--------------|------|------|------|
| Room Reflectance Ceiling/Walls/Floor | 0.75 | 1.00 | 1.25 | 1.50 | Room Index 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |
| 70 / 50 / 20 | | | | | | | | | |
| 70 / 30 / 20 | | | | | | | | | |
| 70 / 10 / 20 | | | | | | | | | |
| 50 / 50 / 20 | | | | | | | | | |
| 50 / 30 / 20 | | | | | | | | | |
| 50 / 10 / 20 | | | | | | | | | |
| 30 / 50 / 20 | | | | | | | | | |
| 30 / 30 / 20 | | | | | | | | | |
| 30 / 10 / 20 | | | | | | | | | |
| 0 / 0 / 0 | | | | | | | | | |
| According to CIBSE Technical Memorandum No. 5 1980 | | | | | | SHR Nom = | NA | | |
| | | | | | | SHR Max = | NA | | |
| | | | | | | SHR Max TR = | NA | | |

Photometric data file: TLLA_JAL12L18H3K_DC.Idt