

## LK-L 070.10830.1685.U19/DALI



## Description

- light-insert with integrated LED strips for 360° glare-free workplace lighting (UGR < 19)
- reflector made from traffic white painted aluminium sheet
- anti-glare collimators made from polycarbonate
- no UV and thermal emissions
- almost all strip light lengths can be realised
- 5-pole through-wiring kit included
- pMMA matt foil for uniform light distribution
- tool-free snapping into Lichtkanal profile via mounting springs
- 5-pole terminal block, pre-fabricated for through-wiring
- ballast (LED converter DALI, dimmable) integrated

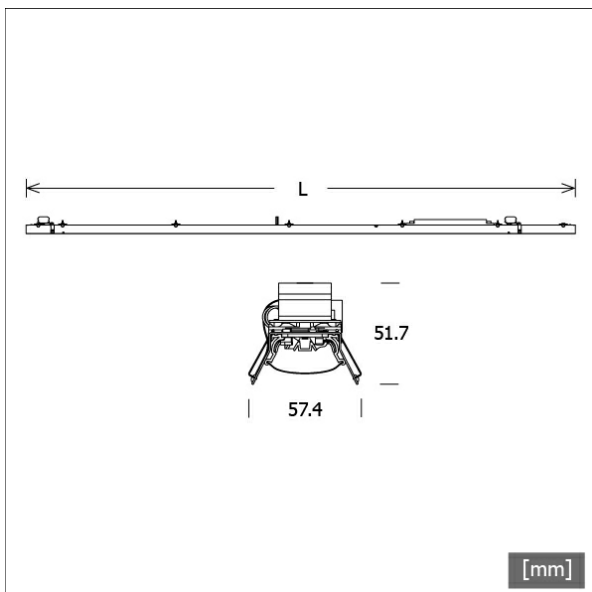
## Notes

Only useable together with prismatic covers. The linear thermal expansion of the aluminium profile is about 0.3 mm per meter at  $\Delta T = 10$  Kelvin.

## Standard options

4000 K

| Colours | Article no. | EAN           |
|---------|-------------|---------------|
|         | 668087      | 4043544797445 |

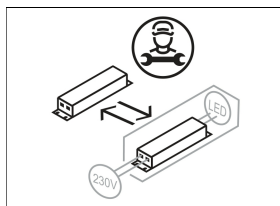


## Lighting data / Norms

|                         |                                                           |
|-------------------------|-----------------------------------------------------------|
| Lamps                   | LED linear / CRI 80 / 3000 K                              |
| Lifetime                | L90 B50 50.000 h<br>L80 B50 100.000 h<br>L80 B20 50.000 h |
| System power            | 18.2 W                                                    |
| Luminaire luminous flux | 2720 lm                                                   |
| System efficiency       | 149.45 lm/W                                               |
| Module efficiency       | 193.00 lm/W                                               |
| UGR class               | ≤19                                                       |
| Supply voltage          | 220 - 240 V / 50 - 60 Hz                                  |
| Protection class        | I                                                         |

## Dimensions / Weights

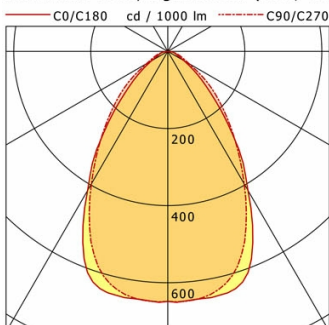
|              |         |
|--------------|---------|
| Length       | 1685 mm |
| Width        | 57 mm   |
| Height       | 52 mm   |
| Net weight   | 2.28 kg |
| Gross weight | 2.40 kg |



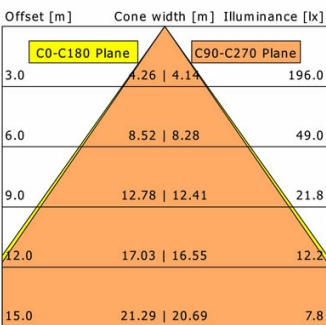
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## LK-L 070.10830.1685.U19/DALI

Lichtkanal 070 | Light-Insert (APB, 1xLED 18W 830/3000K 2720lm)



|              | C0  | C90 | C180 | C270 |
|--------------|-----|-----|------|------|
| 0°           | 649 | 649 | 649  | 649  |
| 15°          | 643 | 614 | 643  | 614  |
| 30°          | 416 | 397 | 416  | 397  |
| 45°          | 166 | 196 | 166  | 196  |
| 60°          | 49  | 64  | 49   | 64   |
| 75°          | 19  | 24  | 19   | 24   |
| 90°          | 0   | 0   | 0    | 0    |
| cd / 1000 lm |     |     |      |      |



|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 151 lm/W         |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 18 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 17.7             |
| UGR C90/C270       | 18.5             |
| CIE Flux Codes     | 72 93 98 100 100 |
| Ra/CRI             | >80              |

LTS