

# LK-L 070.10830.0845.1/DALI



## Beschreibung

- Lichteinsatz mit integrierten LED-Lichtstreifen
- Reflektor aus verkehrsweiß lackiertem Aluminiumblech
- keine UV- und Wärmestrahlung
- nahezu alle Lichtbandlängen realisierbar
- inklusive Leitung-Set (5-polig)
- PMMA-Mattfolie für gleichmäßige Lichtverteilung
- werkzeugloses Einrasten in Lichtkanal-Profil über Einbaufedern
- 5-polige Anschlussklemme, konfektioniert für Durchgangsverdrahtung
- Betriebsgerät (LED-Konverter DALI, dimmbar) integriert

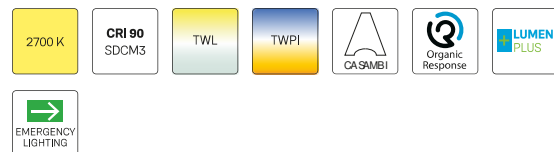
## Hinweise

Die thermische Längenausdehnung des Aluminiumprofils beträgt bei  $\Delta T = 10$  Kelvin 0.3 mm pro Meter.

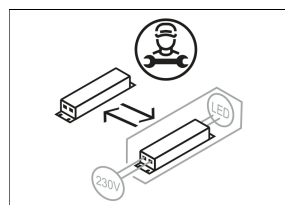
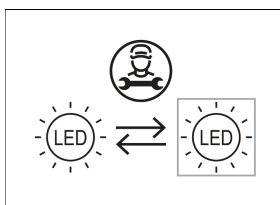
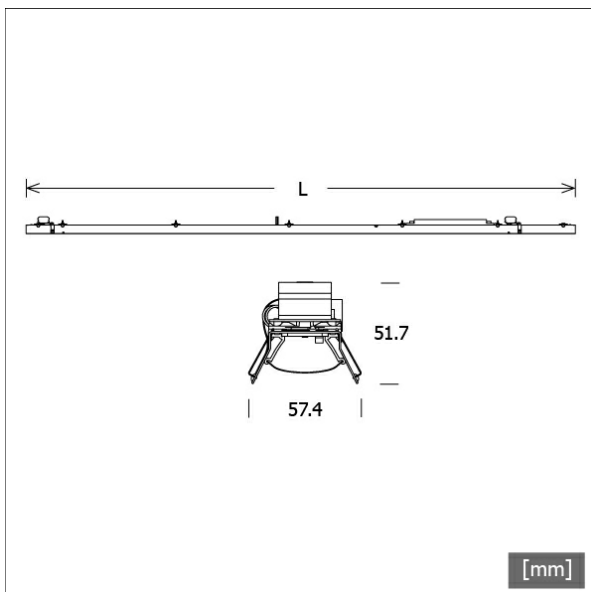
## Standardoptionen



## Sonderoptionen



| Farbe | Artikelnummer | EAN           |
|-------|---------------|---------------|
|       | 668039        | 4043544796967 |



## Lichttechnik / Normen

|                     |                                                           |
|---------------------|-----------------------------------------------------------|
| Leuchtmittel        | LED linear / CRI 80 / 3000 K                              |
| Lebensdauer         | L90 B50 50.000 h<br>L80 B50 100.000 h<br>L80 B20 50.000 h |
| Systemleistung      | 12.4 W                                                    |
| Leuchten-Lichtstrom | max. 2000 lm                                              |
| Systemeffizienz     | 161.29 lm/W                                               |
| Moduleffizienz      | 193.00 lm/W                                               |
| UGR Klasse          | ≤28                                                       |
| Versorgungsspannung | 220 - 240 V / 50 - 60 Hz                                  |
| Schutzklasse        | I                                                         |

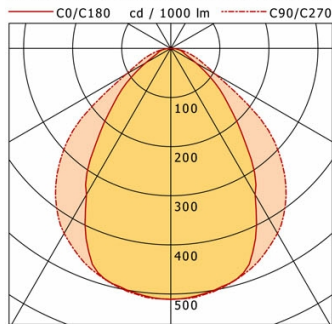
## Abmessungen / Gewichte

|               |         |
|---------------|---------|
| Länge         | 845 mm  |
| Breite        | 57 mm   |
| Höhe          | 52 mm   |
| Nettogewicht  | 1.27 kg |
| Bruttogewicht | 1.34 kg |

# LK-L 070.10830.0845.1/DALI

## LK-L 070.10830.0845.1/DALI

Lichtkanal 070 | Light-Insert (APB, 1xLED 12W 830/3000K 2000lm)



|     | C0  | C90 | C180 | C270 |
|-----|-----|-----|------|------|
| 0°  | 511 | 511 | 511  | 511  |
| 15° | 491 | 492 | 491  | 492  |
| 30° | 344 | 435 | 344  | 435  |
| 45° | 171 | 317 | 171  | 317  |
| 60° | 59  | 106 | 59   | 106  |
| 75° | 24  | 37  | 24   | 37   |
| 90° | 0   | 0   | 0    | 0    |

cd / 1000 lm

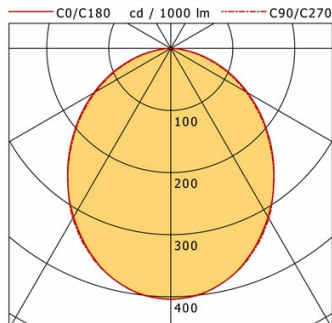
| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 4.61   7.23    | 113.5            |
| 6.0        | 9.23   14.46   | 28.4             |
| 9.0        | 13.84   21.69  | 12.6             |
| 12.0       | 18.46   28.93  | 7.1              |
| 15.0       | 23.07   36.16  | 4.5              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 167 lm/W         |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 12 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 20.1             |
| UGR C90/C270       | 22.4             |
| CIE Flux Codes     | 63 90 98 100 100 |
| Ra/CRI             | >80              |

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## LK-L 070.10830.0845.1/DALI

Lichtkanal 070 | Light-Insert (AOB, 1xLED 12W 830/3000K 1890lm)



|     | C0  | C90 | C180 | C270 |
|-----|-----|-----|------|------|
| 0°  | 404 | 404 | 404  | 404  |
| 15° | 380 | 380 | 380  | 380  |
| 30° | 314 | 316 | 314  | 316  |
| 45° | 230 | 228 | 230  | 228  |
| 60° | 144 | 140 | 144  | 140  |
| 75° | 61  | 57  | 61   | 57   |
| 90° | 1   | 1   | 1    | 1    |

cd / 1000 lm

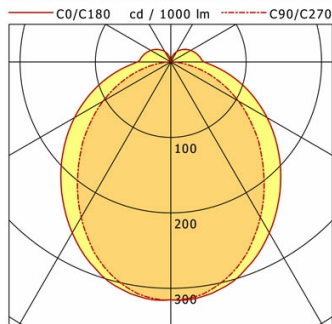
| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 7.11   7.01    | 84.9             |
| 6.0        | 14.22   14.02  | 21.2             |
| 9.0        | 21.33   21.02  | 9.4              |
| 12.0       | 28.43   28.03  | 5.3              |
| 15.0       | 35.54   35.04  | 3.4              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 158 lm/W         |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 12 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 24.4             |
| UGR C90/C270       | 24.1             |
| CIE Flux Codes     | 51 81 96 100 100 |
| Ra/CRI             | >80              |

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## LK-L 070.10830.0845.1/DALI

Lichtkanal 070 | Light-Insert (AOV-002/005.2, 1xLED 12W 830/3000K 1790lm)



|      | C0  | C90 | C180 | C270 |
|------|-----|-----|------|------|
| 0°   | 315 | 315 | 315  | 315  |
| 30°  | 262 | 238 | 262  | 238  |
| 60°  | 148 | 103 | 148  | 103  |
| 90°  | 44  | 1   | 44   | 1    |
| 120° | 31  | 0   | 31   | 0    |
| 150° | 16  | 1   | 16   | 1    |
| 180° | 1   | 1   | 1    | 1    |

cd / 1000 lm

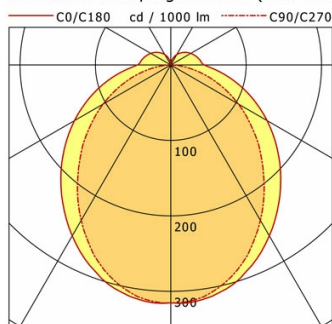
| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 9.35   6.59    | 62.7             |
| 6.0        | 18.70   13.18  | 15.7             |
| 9.0        | 28.05   19.77  | 7.0              |
| 12.0       | 37.40   26.36  | 3.9              |
| 15.0       | 46.75   32.95  | 2.5              |

|                    |                 |
|--------------------|-----------------|
| <b>η</b>           | LED             |
| Efficiency         | 149 lm/W        |
| Direct/Indirect    | ↓ 89% / ↑ 11%   |
| System Power       | 12 W            |
| <b>UGR</b>         | X=4H, Y=8H      |
| Reflection factors | 70/50/20        |
| UGR C0/C180        | 25.9            |
| UGR C90/C270       | 22.5            |
| CIE Flux Codes     | 46 75 92 89 100 |
| Ra/CRI             | >80             |

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## LK-L 070.10830.0845.1/DALI

Lichtkanal 070 | Light-Insert (AOV-001/003/005.1, 1xLED 12W 830/3000K 1790lm)



|      | C0  | C90 | C180 | C270 |
|------|-----|-----|------|------|
| 0°   | 315 | 315 | 315  | 315  |
| 30°  | 262 | 238 | 262  | 238  |
| 60°  | 148 | 103 | 148  | 103  |
| 90°  | 44  | 1   | 44   | 1    |
| 120° | 31  | 0   | 31   | 0    |
| 150° | 16  | 1   | 16   | 1    |
| 180° | 1   | 1   | 1    | 1    |

cd / 1000 lm

| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 9.35   6.59    | 62.7             |
| 6.0        | 18.70   13.18  | 15.7             |
| 9.0        | 28.05   19.77  | 7.0              |
| 12.0       | 37.40   26.36  | 3.9              |
| 15.0       | 46.75   32.95  | 2.5              |

|                    |                 |
|--------------------|-----------------|
| <b>η</b>           | LED             |
| Efficiency         | 149 lm/W        |
| Direct/Indirect    | ↓ 89% / ↑ 11%   |
| System Power       | 12 W            |
| <b>UGR</b>         | X=4H, Y=8H      |
| Reflection factors | 70/50/20        |
| UGR C0/C180        | 25.9            |
| UGR C90/C270       | 22.5            |
| CIE Flux Codes     | 46 75 92 89 100 |
| Ra/CRI             | >80             |

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