

# LK-LED 045.1040.0565.1/DALI



## Beschreibung

- Lichteinsatz aus Stahlblech mit integrierten LED-Modulen
- keine UV- und Wärmestrahlung
- nahezu alle Lichtbandlängen realisierbar
- inklusive Leitung-Set (5-polig)
- gewölbter PMMA-Diffusor für homogene Lichtverteilung
- werkzeugloses Einrasten in Profil
- 5-polige Anschlussklemme, konfektioniert für 5-polige Durchgangsverdrahtung
- Betriebsgerät (LED-Konverter DALI, dimmbar) integriert

## Hinweise

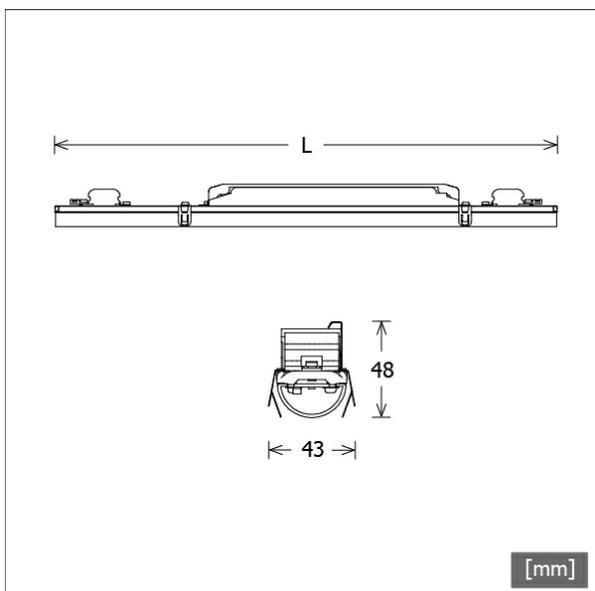
Die thermische Längenausdehnung des Aluminiumprofils beträgt bei  $\Delta T = 10$  Kelvin 0.3 mm pro Meter.

## Standardoptionen



| Farbe | Artikelnummer | EAN           |
|-------|---------------|---------------|
|       | 662897        | 4043544719508 |

## Sonderoptionen

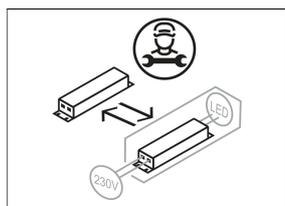
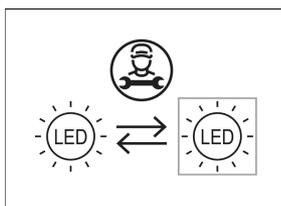


## Lichttechnik / Normen

|                     |   |
|---------------------|---|
| Leuchtmittel        | LED linear / CRI 80 / 4000 K  |
| EPREL Lichtquellen  | 833900<br>L90 B50 50.000 h<br>L80 B50 100.000 h<br>L80 B20 50.000 h |
| Lebensdauer         | 12.9 W  |
| Systemleistung      | max. 1430 lm  |
| Leuchten-Lichtstrom | 110.85 lm/W   |
| Systemeffizienz     | 188.50 lm/W   |
| Moduleffizienz      | ≤28   |
| UGR Klasse          | 220 - 240 V / 50 - 60 Hz  |
| Versorgungsspannung | I   |
| Schutzklasse        |   |

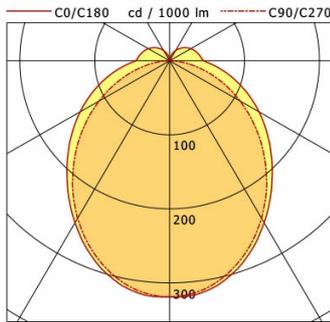
## Abmessungen / Gewichte

|               |         |
|---------------|---------|
| Länge         | 565 mm  |
| Breite        | 43 mm   |
| Höhe          | 48 mm   |
| Nettogewicht  | 0.64 kg |
| Bruttogewicht | 0.76 kg |



# LK-LED 045.1040.0565.1/DALI

Lichtkanal 045 | Light-Insert (AOV-001/003/005.1, 1xLED 13W 840/4000K 1430lm)



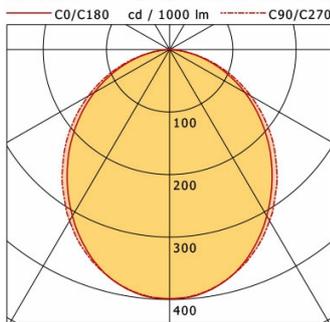
|              | C0  | C90 | C180 | C270 |
|--------------|-----|-----|------|------|
| 0°           | 319 | 319 | 319  | 319  |
| 30°          | 253 | 246 | 253  | 246  |
| 60°          | 138 | 109 | 138  | 109  |
| 90°          | 45  | 3   | 45   | 3    |
| 120°         | 33  | 1   | 33   | 1    |
| 150°         | 16  | 1   | 16   | 1    |
| 180°         | 0   | 0   | 0    | 0    |
| cd / 1000 lm |     |     |      |      |

| Offset [m] | Cone width [m] |       | Illuminance [lx] |
|------------|----------------|-------|------------------|
| 3.0        | 8.26           | 6.90  | 50.6             |
| 6.0        | 16.53          | 13.80 | 12.7             |
| 9.0        | 24.79          | 20.69 | 5.6              |
| 12.0       | 33.06          | 27.59 | 3.2              |
| 15.0       | 41.32          | 34.49 | 2.0              |

|                    |                 |
|--------------------|-----------------|
| <b>η</b>           | LED             |
| Efficiency         | 110 lm/W        |
| Direct/Indirect    | ↓ 88% / ↑ 12%   |
| System Power       | 13 W            |
| <b>UGR</b>         | X=4H, Y=8H      |
| Reflection factors | 70/50/20        |
| UGR C0/C180        | 27.8            |
| UGR C90/C270       | 24.8            |
| CIE Flux Codes     | 46 75 92 88 100 |
| Ra/CRI             | >80             |

LTS

Lichtkanal 045 | Light-Insert (AOB, 1xLED 13W 840/4000K 1310lm)



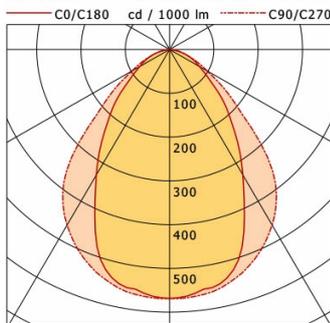
|              | C0  | C90 | C180 | C270 |
|--------------|-----|-----|------|------|
| 0°           | 399 | 399 | 399  | 399  |
| 15°          | 376 | 376 | 376  | 376  |
| 30°          | 307 | 316 | 307  | 316  |
| 45°          | 224 | 236 | 224  | 236  |
| 60°          | 138 | 149 | 138  | 149  |
| 75°          | 57  | 61  | 57   | 61   |
| 90°          | 0   | 0   | 0    | 0    |
| cd / 1000 lm |     |     |      |      |

| Offset [m] | Cone width [m] |       | Illuminance [lx] |
|------------|----------------|-------|------------------|
| 3.0        | 6.95           | 7.53  | 58.0             |
| 6.0        | 13.90          | 15.05 | 14.5             |
| 9.0        | 20.85          | 22.58 | 6.4              |
| 12.0       | 27.80          | 30.11 | 3.6              |
| 15.0       | 34.75          | 37.63 | 2.3              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 101 lm/W         |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 13 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 25.7             |
| UGR C90/C270       | 26.1             |
| CIE Flux Codes     | 50 81 96 100 100 |
| Ra/CRI             | >80              |

LTS

Lichtkanal 045 | Light-Insert (APB, 1xLED 13W 840/4000K 1250lm)



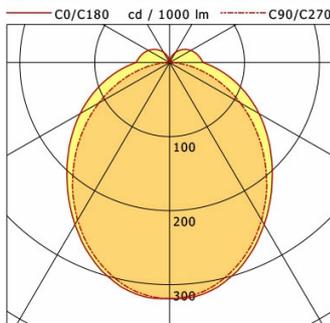
|              | C0  | C90 | C180 | C270 |
|--------------|-----|-----|------|------|
| 0°           | 569 | 569 | 569  | 569  |
| 15°          | 531 | 547 | 531  | 547  |
| 30°          | 331 | 463 | 331  | 463  |
| 45°          | 176 | 275 | 176  | 275  |
| 60°          | 78  | 98  | 78   | 98   |
| 75°          | 31  | 31  | 31   | 31   |
| 90°          | 0   | 0   | 0    | 0    |
| cd / 1000 lm |     |     |      |      |

| Offset [m] | Cone width [m] |       | Illuminance [lx] |
|------------|----------------|-------|------------------|
| 3.0        | 4.04           | 5.89  | 79.0             |
| 6.0        | 8.08           | 11.78 | 19.7             |
| 9.0        | 12.12          | 17.67 | 8.8              |
| 12.0       | 16.16          | 23.56 | 4.9              |
| 15.0       | 20.19          | 29.45 | 3.2              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 96 lm/W          |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 13 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 22.0             |
| UGR C90/C270       | 22.9             |
| CIE Flux Codes     | 65 90 98 100 100 |
| Ra/CRI             | >80              |

LTS

Lichtkanal 045 | Light-Insert (AOV-002/005.2, 1xLED 13W 840/4000K 1430lm)



|              | C0  | C90 | C180 | C270 |
|--------------|-----|-----|------|------|
| 0°           | 319 | 319 | 319  | 319  |
| 30°          | 253 | 246 | 253  | 246  |
| 60°          | 138 | 109 | 138  | 109  |
| 90°          | 45  | 3   | 45   | 3    |
| 120°         | 33  | 1   | 33   | 1    |
| 150°         | 16  | 1   | 16   | 1    |
| 180°         | 0   | 0   | 0    | 0    |
| cd / 1000 lm |     |     |      |      |

| Offset [m] | Cone width [m] |       | Illuminance [lx] |
|------------|----------------|-------|------------------|
| 3.0        | 8.26           | 6.90  | 50.6             |
| 6.0        | 16.53          | 13.80 | 12.7             |
| 9.0        | 24.79          | 20.69 | 5.6              |
| 12.0       | 33.06          | 27.59 | 3.2              |
| 15.0       | 41.32          | 34.49 | 2.0              |

|                    |                 |
|--------------------|-----------------|
| <b>η</b>           | LED             |
| Efficiency         | 110 lm/W        |
| Direct/Indirect    | ↓ 88% / ↑ 12%   |
| System Power       | 13 W            |
| <b>UGR</b>         | X=4H, Y=8H      |
| Reflection factors | 70/50/20        |
| UGR C0/C180        | 27.8            |
| UGR C90/C270       | 24.8            |
| CIE Flux Codes     | 46 75 92 88 100 |
| Ra/CRI             | >80             |

LTS