

# LK-L 045.10840.1405.1/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



## Sonderoptionen



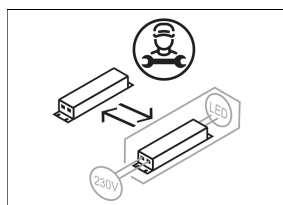
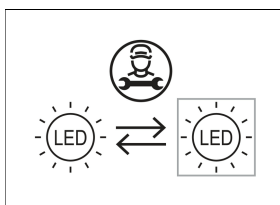
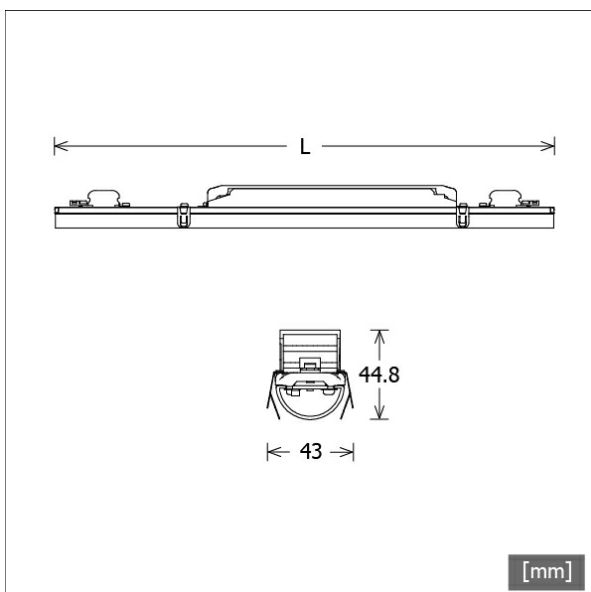
## Lichttechnik / Normen

|                     |                                                           |
|---------------------|-----------------------------------------------------------|
| Leuchtmittel        | LED linear / CRI 80 / 4000 K                              |
| Lebensdauer         | L90 B50 50.000 h<br>L80 B50 100.000 h<br>L80 B20 50.000 h |
| Systemleistung      | 20.5 W                                                    |
| Leuchten-Lichtstrom | max. 3060 lm                                              |
| Systemeffizienz     | 140.48 lm/W                                               |
| Moduleffizienz      | 205.00 lm/W                                               |
| UGR Klasse          | ≤28                                                       |
| Versorgungsspannung | 220 - 240 V / 50 - 60 Hz                                  |
| Schutzklasse        | I                                                         |

## Abmessungen / Gewichte

|               |         |
|---------------|---------|
| Länge         | 1405 mm |
| Breite        | 43 mm   |
| Höhe          | 44 mm   |
| Nettogewicht  | 1.43 kg |
| Bruttogewicht | 1.50 kg |

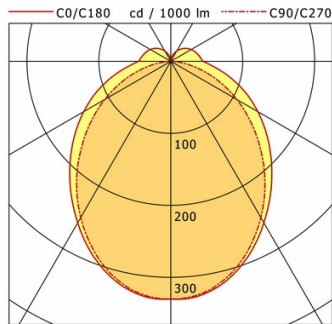
| Farbe | Artikelnummer | EAN           |
|-------|---------------|---------------|
|       | 669408        | 4043544810847 |



# LK-L 045.10840.1405.1/DALI

## LK-L 045.10840.1405.1/DALI

Lichtkanal 045 | Light-Insert (AOV-001/003/005.1, 1xLED 21W 840/4000K 2880lm)



|      | C0  | C90 | C180 | C270 |
|------|-----|-----|------|------|
| 0°   | 330 | 330 | 330  | 330  |
| 30°  | 259 | 251 | 259  | 251  |
| 60°  | 140 | 106 | 140  | 106  |
| 90°  | 45  | 1   | 45   | 1    |
| 120° | 33  | 0   | 33   | 0    |
| 150° | 16  | 1   | 16   | 1    |
| 180° | 1   | 1   | 1    | 1    |

cd / 1000 lm

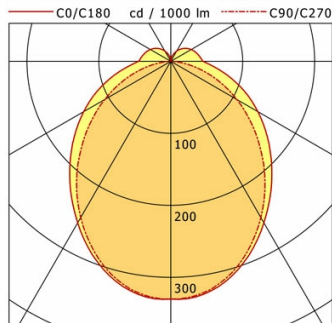
| Offset [m] | Cone width [m] |                | Illuminance [lx] |
|------------|----------------|----------------|------------------|
|            | C0-C180 Plane  | C90-C270 Plane |                  |
| 3.0        | 8.04           | 6.56           | 105.7            |
| 6.0        | 16.09          | 13.11          | 26.4             |
| 9.0        | 24.13          | 19.67          | 11.7             |
| 12.0       | 32.18          | 26.23          | 6.6              |
| 15.0       | 40.22          | 32.78          | 4.2              |

|                    |                 |
|--------------------|-----------------|
| <b>η</b>           | LED             |
| Efficiency         | 137 lm/W        |
| Direct/Indirect    | ↓ 89% / ↑ 11%   |
| System Power       | 21 W            |
| <b>UGR</b>         | X=4H, Y=8H      |
| Reflection factors | 70/50/20        |
| UGR C0/C180        | 26.9            |
| UGR C90/C270       | 23.6            |
| CIE Flux Codes     | 47 76 92 89 100 |
| Ra/CRI             | >80             |

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## LK-L 045.10840.1405.1/DALI

Lichtkanal 045 | Light-Insert (AOV-002/005.2, 1xLED 21W 840/4000K 2880lm)



|      | C0  | C90 | C180 | C270 |
|------|-----|-----|------|------|
| 0°   | 330 | 330 | 330  | 330  |
| 30°  | 259 | 251 | 259  | 251  |
| 60°  | 140 | 106 | 140  | 106  |
| 90°  | 45  | 1   | 45   | 1    |
| 120° | 33  | 0   | 33   | 0    |
| 150° | 16  | 1   | 16   | 1    |
| 180° | 1   | 1   | 1    | 1    |

cd / 1000 lm

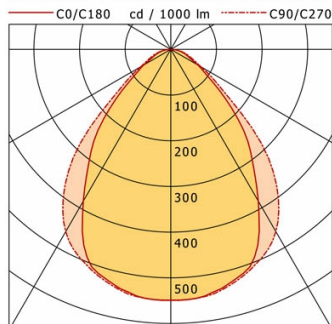
| Offset [m] | Cone width [m] |                | Illuminance [lx] |
|------------|----------------|----------------|------------------|
|            | C0-C180 Plane  | C90-C270 Plane |                  |
| 3.0        | 8.04           | 6.56           | 105.7            |
| 6.0        | 16.09          | 13.11          | 26.4             |
| 9.0        | 24.13          | 19.67          | 11.7             |
| 12.0       | 32.18          | 26.23          | 6.6              |
| 15.0       | 40.22          | 32.78          | 4.2              |

|                    |                 |
|--------------------|-----------------|
| <b>η</b>           | LED             |
| Efficiency         | 137 lm/W        |
| Direct/Indirect    | ↓ 89% / ↑ 11%   |
| System Power       | 21 W            |
| <b>UGR</b>         | X=4H, Y=8H      |
| Reflection factors | 70/50/20        |
| UGR C0/C180        | 26.9            |
| UGR C90/C270       | 23.6            |
| CIE Flux Codes     | 47 76 92 89 100 |
| Ra/CRI             | >80             |

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## LK-L 045.10840.1405.1/DALI

Lichtkanal 045 | Light-Insert (APB, 1xLED 21W 840/4000K 2960lm)



|     | C0  | C90 | C180 | C270 |
|-----|-----|-----|------|------|
| 0°  | 549 | 549 | 549  | 549  |
| 15° | 525 | 529 | 525  | 529  |
| 30° | 384 | 461 | 384  | 461  |
| 45° | 199 | 267 | 199  | 267  |
| 60° | 69  | 76  | 69   | 76   |
| 75° | 27  | 32  | 27   | 32   |
| 90° | 0   | 0   | 0    | 0    |

cd / 1000 lm

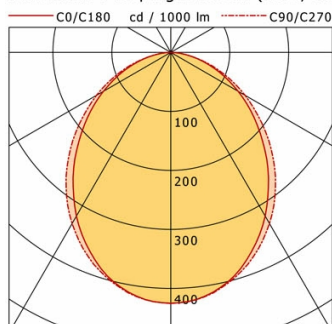
| Offset [m] | Cone width [m] |                | Illuminance [lx] |
|------------|----------------|----------------|------------------|
|            | C0-C180 Plane  | C90-C270 Plane |                  |
| 3.0        | 4.83           | 5.91           | 180.6            |
| 6.0        | 9.67           | 11.81          | 45.1             |
| 9.0        | 14.50          | 17.72          | 20.1             |
| 12.0       | 19.34          | 23.62          | 11.3             |
| 15.0       | 24.17          | 29.53          | 7.2              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 141 lm/W         |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 21 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 21.5             |
| UGR C90/C270       | 22.1             |
| CIE Flux Codes     | 67 91 98 100 100 |
| Ra/CRI             | >80              |

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## LK-L 045.10840.1405.1/DALI

Lichtkanal 045 | Light-Insert (AOB, 1xLED 21W 840/4000K 3060lm)



|     | C0  | C90 | C180 | C270 |
|-----|-----|-----|------|------|
| 0°  | 425 | 425 | 425  | 425  |
| 15° | 397 | 400 | 397  | 400  |
| 30° | 320 | 335 | 320  | 335  |
| 45° | 223 | 244 | 223  | 244  |
| 60° | 132 | 146 | 132  | 146  |
| 75° | 54  | 57  | 54   | 57   |
| 90° | 1   | 0   | 1    | 0    |

cd / 1000 lm

| Offset [m] | Cone width [m] |                | Illuminance [lx] |
|------------|----------------|----------------|------------------|
|            | C0-C180 Plane  | C90-C270 Plane |                  |
| 3.0        | 6.35           | 7.06           | 144.6            |
| 6.0        | 12.71          | 14.13          | 36.1             |
| 9.0        | 19.06          | 21.19          | 16.1             |
| 12.0       | 25.41          | 28.26          | 9.0              |
| 15.0       | 31.76          | 35.32          | 5.8              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 146 lm/W         |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 21 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 25.2             |
| UGR C90/C270       | 25.3             |
| CIE Flux Codes     | 52 82 96 100 100 |
| Ra/CRI             | >80              |

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