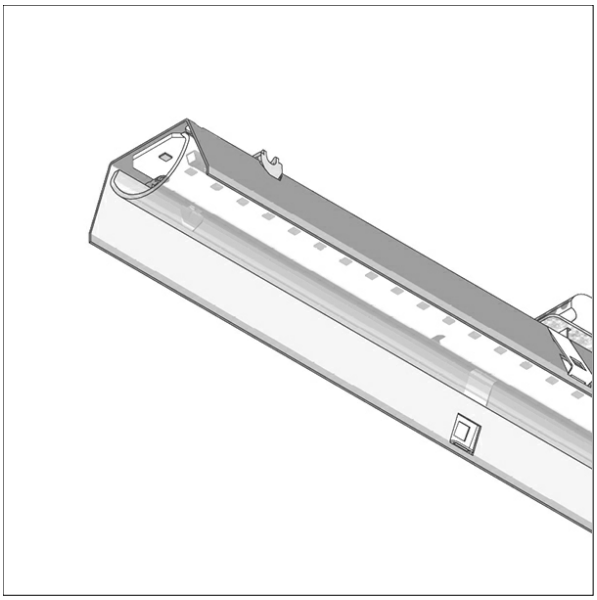
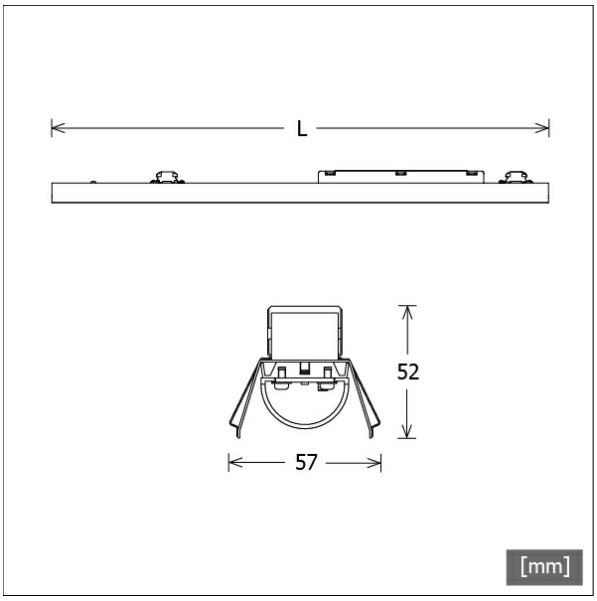
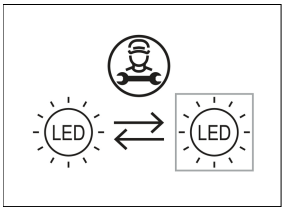
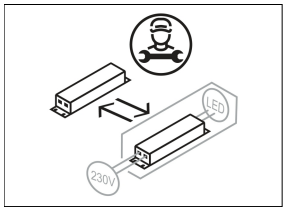
# LK-LED 070.1130.1125.1/DALI



| Colours | Article no. | EAN |
|---|---|---|
| | 664906 | 4043544740427 |




## Description

- light-insert with integrated LED strips
- reflector made from white-painted aluminium
- no UV and thermal emissions
- almost all strip light lengths can be realised
- 5-pole through-wiring kit included
- curved PMMA diffuser for uniform light distribution
- tool-free snapping into Lichtkanal profile
- 5-pole terminal block, pre-fabricated for through-wiring
- ballast (LED converter DALI, dimmable) integrated

## Notes

The linear thermal expansion of the aluminium profile is about 0.3 mm per meter at dT = 10 Kelvin.

## Standard options

4000 K

## Special options

2700 K | CRI 90 SDCM3 | TWL | TWPI | Organic Response | LUMEN PLUS | EMERGENCY LIGHTING

## 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 | 44.0 W |
| Luminaire luminous flux | max. 4600 lm |
| System efficiency | 91.13 lm/W |
| Module efficiency | 156.66 lm/W |
| UGR class | ≤28 |
| Supply voltage | 220 - 240 V / 50 - 60 Hz |
| Protection class | I |

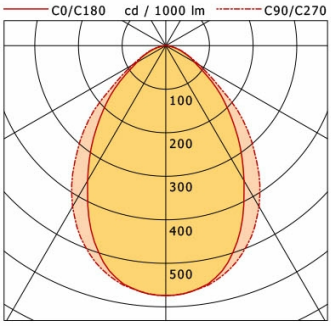
## Dimensions / Weights

| | |
|---|---|
| Length | 1125 mm |
| Width | 57 mm |
| Height | 52 mm |
| Net weight | 1.57 kg |
| Gross weight | 1.65 kg |

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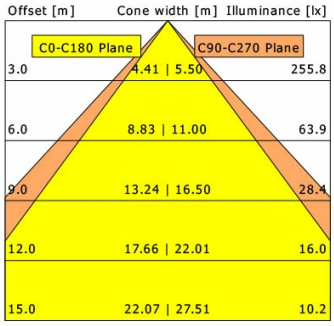
# LK-LED 070.1130.1125.1/DALI

## Lichtkanal 070 - Light-Insert (APB, 1xLED 44W 830/3000K 4010lm)




| | C0 | C90 | C180 | C270 |
|---|---|---|---|---|
| 0° | 574 | 574 | 574 | 574 |
| 15° | 526 | 538 | 526 | 538 |
| 30° | 358 | 427 | 358 | 427 |
| 45° | 197 | 257 | 197 | 257 |
| 60° | 76 | 88 | 76 | 88 |
| 75° | 26 | 27 | 26 | 27 |
| 90° | 0 | 0 | 0 | 0 |

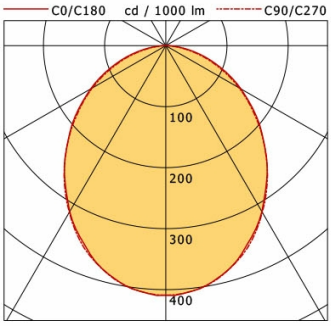
cd / 1000 lm




| | |
|---|---|
| η | LED |
| Efficiency | 91 lm/W |
| Direct/Indirect | ↓ 100% / ↑ 0% |
| System Power | 44 W |
| **UGR** | X=4H, Y=8H |
| Reflection factors | 70/50/20 |
| UGR C0/C180 | 21.9 |
| UGR C90/C270 | 22.7 |
| CIE Flux Codes | 65 90 98 100 100 |
| Ra/CRI | >80 |

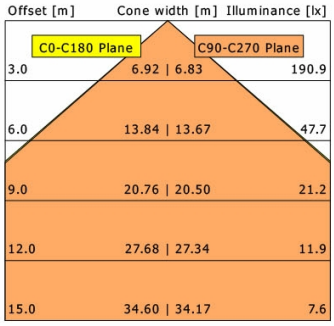
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## Lichtkanal 070 - Light-Insert (AOB, 1xLED 44W 830/3000K 4200lm)




| | C0 | C90 | C180 | C270 |
|---|---|---|---|---|
| 0° | 409 | 409 | 409 | 409 |
| 15° | 383 | 384 | 383 | 384 |
| 30° | 314 | 315 | 314 | 315 |
| 45° | 227 | 227 | 227 | 227 |
| 60° | 142 | 138 | 142 | 138 |
| 75° | 62 | 56 | 62 | 56 |
| 90° | 1 | 0 | 1 | 0 |

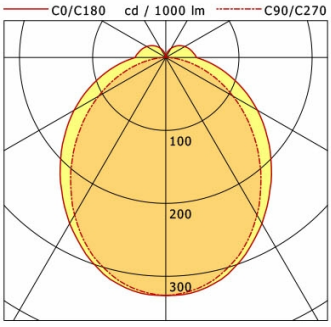
cd / 1000 lm




| | |
|---|---|
| η | LED |
| Efficiency | 95 lm/W |
| Direct/Indirect | ↓ 100% / ↑ 0% |
| System Power | 44 W |
| **UGR** | X=4H, Y=8H |
| Reflection factors | 70/50/20 |
| UGR C0/C180 | 26.2 |
| UGR C90/C270 | 25.9 |
| CIE Flux Codes | 51 81 96 100 100 |
| Ra/CRI | >80 |

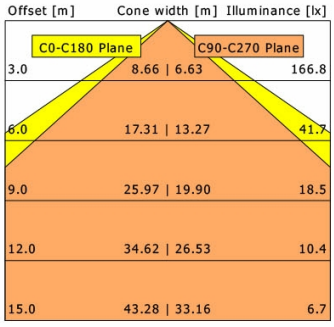
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## Lichtkanal 070 - Light-Insert (AOV-001/003/005.1, 1xLED 44W 830/3000K 4600lm)




| | C0 | C90 | C180 | C270 |
|---|---|---|---|---|
| 0° | 326 | 326 | 326 | 326 |
| 30° | 263 | 249 | 263 | 249 |
| 60° | 145 | 106 | 145 | 106 |
| 90° | 42 | 2 | 42 | 2 |
| 120° | 30 | 1 | 30 | 1 |
| 150° | 14 | 1 | 14 | 1 |
| 180° | 0 | 0 | 0 | 0 |

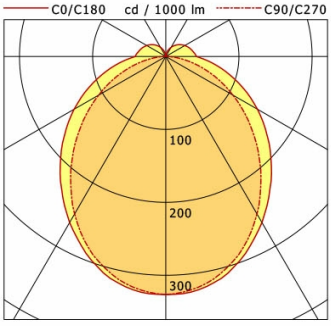
cd / 1000 lm




| | |
|---|---|
| η | LED |
| Efficiency | 105 lm/W |
| Direct/Indirect | ↓ 90% / ↑ 10% |
| System Power | 44 W |
| **UGR** | X=4H, Y=8H |
| Reflection factors | 70/50/20 |
| UGR C0/C180 | 28.0 |
| UGR C90/C270 | 24.8 |
| CIE Flux Codes | 46 75 92 90 100 |
| Ra/CRI | >80 |

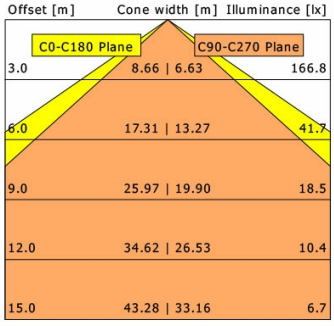
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## Lichtkanal 070 - Light-Insert (AOV-002/005.2, 1xLED 44W 830/3000K 4600lm)




| | C0 | C90 | C180 | C270 |
|---|---|---|---|---|
| 0° | 326 | 326 | 326 | 326 |
| 30° | 263 | 249 | 263 | 249 |
| 60° | 145 | 106 | 145 | 106 |
| 90° | 42 | 2 | 42 | 2 |
| 120° | 30 | 1 | 30 | 1 |
| 150° | 14 | 1 | 14 | 1 |
| 180° | 0 | 0 | 0 | 0 |

cd / 1000 lm




| | |
|---|---|
| η | LED |
| Efficiency | 105 lm/W |
| Direct/Indirect | ↓ 90% / ↑ 10% |
| System Power | 44 W |
| **UGR** | X=4H, Y=8H |
| Reflection factors | 70/50/20 |
| UGR C0/C180 | 28.0 |
| UGR C90/C270 | 24.8 |
| CIE Flux Codes | 46 75 92 90 100 |
| Ra/CRI | >80 |

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