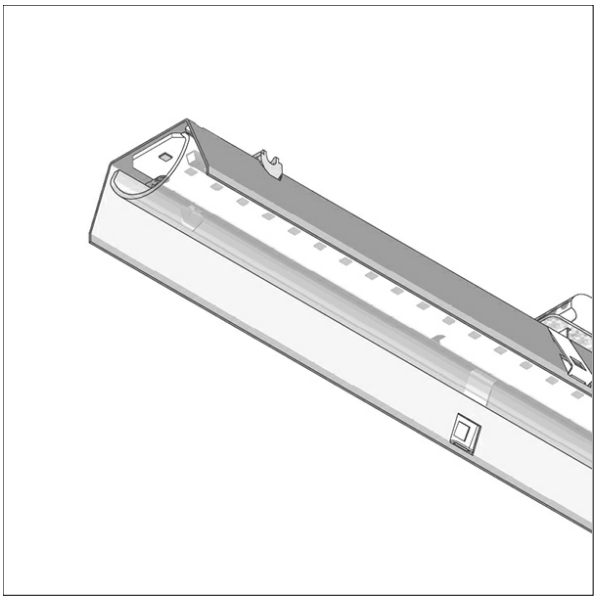
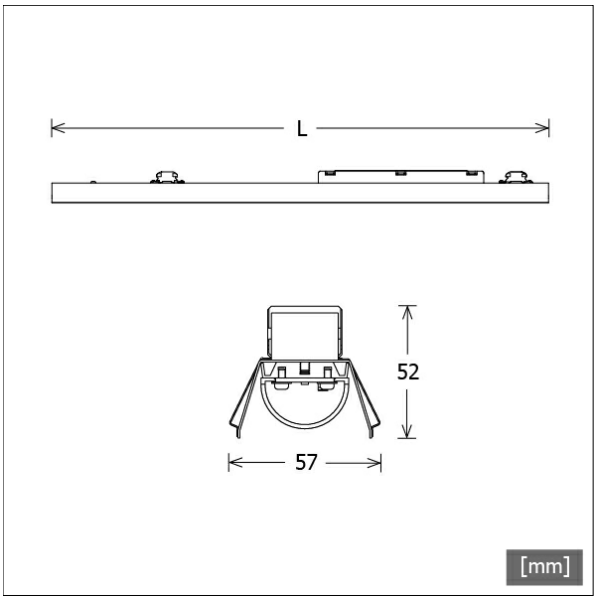
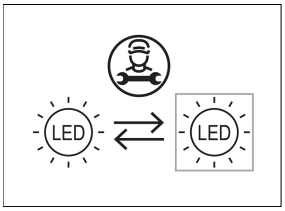
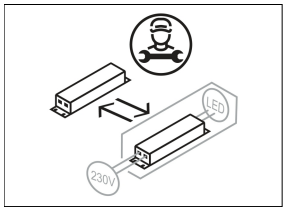
# LK-LED 070.0740.0705.1



| Colours | Article no. | EAN |
|---|---|---|
| | 664815 | 4043544739513 |




## 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) integrated

## Notes

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

## Standard options

3000 K | DALI

## Special options

2700 K | CRI 90 SDCM3 | TWPI | LUMEN PLUS | EMERGENCY LIGHTING

## Lighting data / Norms

| | |
|---|---|
| **Lamps** | LED linear / CRI 80 / 4000 K |
| **EPREL light sources** | 833878\|833869 |
| **Lifetime** | L90 B50 50.000 h<br>L80 B50 100.000 h<br>L80 B20 50.000 h |
| **System power** | 8.0 W |
| **Luminaire luminous flux** | max. 850 lm |
| **System efficiency** | 93.58 lm/W |
| **Module efficiency** | 185.04 lm/W |
| **UGR class** | ≤25 |
| **Supply voltage** | 220 - 240 V / 50 - 60 Hz |
| **Protection class** | I |

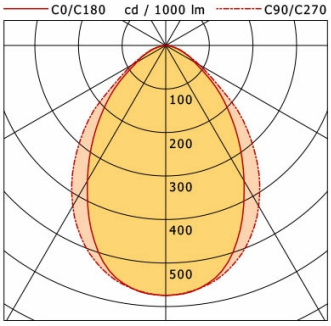
## Dimensions / Weights

| | |
|---|---|
| **Length** | 705 mm |
| **Width** | 57 mm |
| **Height** | 52 mm |
| **Net weight** | 1.07 kg |
| **Gross weight** | 1.13 kg |

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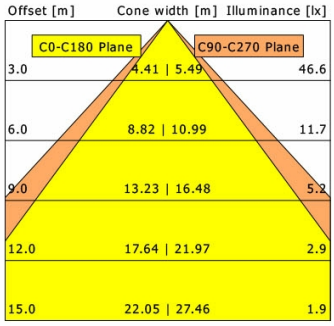
# LK-LED 070.0740.0705.1

## Lichtkanal 070 - Light-Insert (APB, 1xLED 8W 840/4000K 730lm)




| | C0 | C90 | C180 | C270 |
|---|---|---|---|---|
| 0° | 575 | 575 | 575 | 575 |
| 15° | 526 | 538 | 526 | 538 |
| 30° | 359 | 426 | 359 | 426 |
| 45° | 197 | 258 | 197 | 258 |
| 60° | 76 | 89 | 76 | 89 |
| 75° | 26 | 28 | 26 | 28 |
| 90° | 0 | 0 | 0 | 0 |

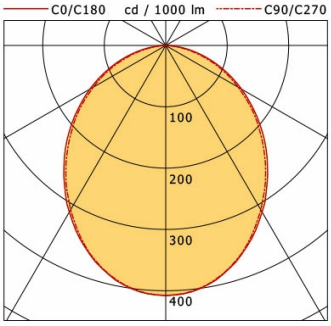
cd / 1000 lm




| | |
|---|---|
| η | LED |
| Efficiency | 91 lm/W |
| Direct/Indirect | ↓ 100% / ↑ 0% |
| System Power | 8 W |
| **UGR** | X=4H, Y=8H |
| Reflection factors | 70/50/20 |
| UGR C0/C180 | 17.6 |
| UGR C90/C270 | 18.4 |
| CIE Flux Codes | 65 90 98 100 100 |
| Ra/CRI | >80 |

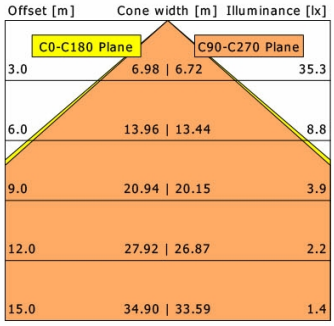
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## Lichtkanal 070 - Light-Insert (AOB, 1xLED 8W 840/4000K 780lm)




| | C0 | C90 | C180 | C270 |
|---|---|---|---|---|
| 0° | 408 | 408 | 408 | 408 |
| 15° | 381 | 381 | 381 | 381 |
| 30° | 314 | 310 | 314 | 310 |
| 45° | 229 | 223 | 229 | 223 |
| 60° | 143 | 136 | 143 | 136 |
| 75° | 62 | 55 | 62 | 55 |
| 90° | 1 | 0 | 1 | 0 |

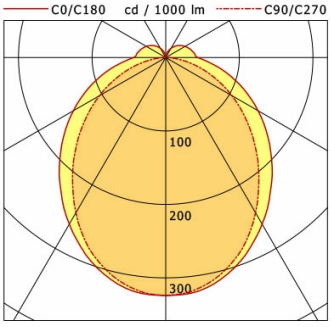
cd / 1000 lm




| | |
|---|---|
| η | LED |
| Efficiency | 98 lm/W |
| Direct/Indirect | ↓ 100% / ↑ 0% |
| System Power | 8 W |
| **UGR** | X=4H, Y=8H |
| Reflection factors | 70/50/20 |
| UGR C0/C180 | 22.0 |
| UGR C90/C270 | 21.6 |
| CIE Flux Codes | 51 81 96 100 100 |
| Ra/CRI | >80 |

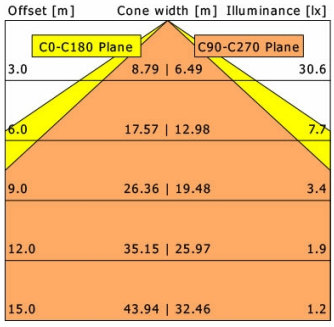
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## Lichtkanal 070 - Light-Insert (AOV-001/003/005.1, 1xLED 8W 840/4000K 850lm)




| | C0 | C90 | C180 | C270 |
|---|---|---|---|---|
| 0° | 324 | 324 | 324 | 324 |
| 30° | 262 | 244 | 262 | 244 |
| 60° | 145 | 104 | 145 | 104 |
| 90° | 43 | 2 | 43 | 2 |
| 120° | 30 | 1 | 30 | 1 |
| 150° | 15 | 1 | 15 | 1 |
| 180° | 0 | 0 | 0 | 0 |

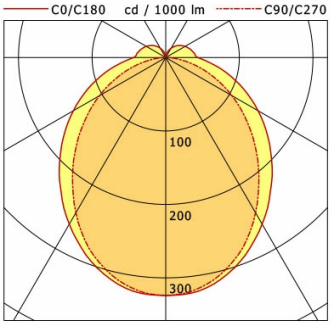
cd / 1000 lm




| | |
|---|---|
| η | LED |
| Efficiency | 106 lm/W |
| Direct/Indirect | ↓ 89% / ↑ 11% |
| System Power | 8 W |
| **UGR** | X=4H, Y=8H |
| Reflection factors | 70/50/20 |
| UGR C0/C180 | 23.8 |
| UGR C90/C270 | 20.5 |
| CIE Flux Codes | 46 75 92 89 100 |
| Ra/CRI | >80 |

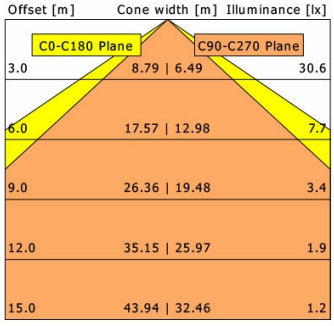
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## Lichtkanal 070 - Light-Insert (AOV-002/005.2, 1xLED 8W 840/4000K 850lm)




| | C0 | C90 | C180 | C270 |
|---|---|---|---|---|
| 0° | 324 | 324 | 324 | 324 |
| 30° | 262 | 244 | 262 | 244 |
| 60° | 145 | 104 | 145 | 104 |
| 90° | 43 | 2 | 43 | 2 |
| 120° | 30 | 1 | 30 | 1 |
| 150° | 15 | 1 | 15 | 1 |
| 180° | 0 | 0 | 0 | 0 |

cd / 1000 lm




| | |
|---|---|
| η | LED |
| Efficiency | 106 lm/W |
| Direct/Indirect | ↓ 89% / ↑ 11% |
| System Power | 8 W |
| **UGR** | X=4H, Y=8H |
| Reflection factors | 70/50/20 |
| UGR C0/C180 | 23.8 |
| UGR C90/C270 | 20.5 |
| CIE Flux Codes | 46 75 92 89 100 |
| Ra/CRI | >80 |

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