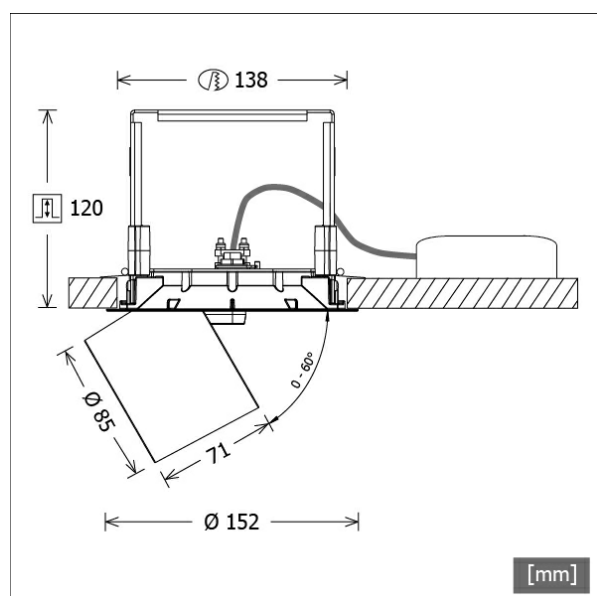


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| Colours | Article no. | EAN |
|---------|-------------|---------------|
| silver | 659118 | 4043544783202 |
| black | 659119 | 4043544783219 |
| white | 659120 | 4043544783226 |



Description

- flexible recessed spotlight with slightly conical light-head
- light-head extracts, rotates through 355° and pivots through 60° via articulated arm
- outstanding ease of maintenance
- no UV and thermal emissions
- anti-glare shield and decorative anti-glare ring available as accessories
- light-head made from die-cast aluminium
- innovative thermal management with design-integrated passive cooling
- black internal thermoplastic front ring
- recessed frame made from die-cast zinc and sheet steel
- concealing plate for ceiling opening
- high-quality Fresnel lens made of PMMA (Made in Germany) suitable for accentuation
- tool-free ceiling mounting via automatic quick clamping (automatic adjustment of the ceiling thickness)
- luminaire and ballast permanently connected via cable (length: 500 mm), ballast ready for mains connection
- ballast (LED converter) included (external placement)

Standard options



Lighting data / Norms

| | |
|--------------------------------|---|
| Lamps | LED Spot / CRI 90 / 2700 K |
| Lifetime | L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h |
| System power | 20.2 W |
| Luminaire luminous flux | 510 lm |
| System efficiency | 25.24 lm/W |
| Module efficiency | 135.00 lm/W |
| UGR class | ≤22 |
| Beam range | Narrow Spot |
| Beam angle | 6° |
| Supply voltage | 220 - 240 V / 50 - 60 Hz |
| Protection class | II |
| Type of protection | IP20 |

Dimensions / Weights

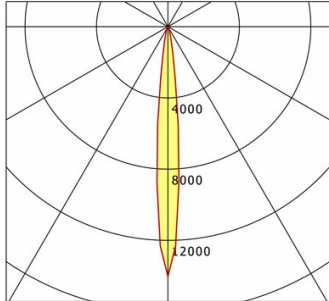
| | |
|-------------------------------|---------------|
| Outer diameter | 152 mm |
| Height | 121 mm |
| Cut-out (Ø) | 138 mm |
| Ceiling thickness | 9.0 - 50.0 mm |
| Recessed depth | 120 mm |
| Diameter of light head | 85 mm |
| Net weight | 1.24 kg |
| Gross weight | 1.35 kg |

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Oryo 200 | Recessed (1xLED 20W 927/2700K 510lm)

C0/C180 cd / 1000 lm



| | C0 | C90 | C180 | C270 |
|--------------|-------|-------|-------|-------|
| 0° | 14031 | 14031 | 14031 | 14031 |
| 15° | 557 | 557 | 557 | 557 |
| 30° | 111 | 111 | 111 | 111 |
| 45° | 87 | 87 | 87 | 87 |
| 60° | 59 | 59 | 59 | 59 |
| 75° | 19 | 19 | 19 | 19 |
| 90° | 0 | 0 | 0 | 0 |
| cd / 1000 lm | | | | |

Offset [m] Cone width [m] Illuminance [lx]

| C0-C180 Plane | | |
|---------------|------|-------|
| 3.0 | 0.53 | 795.1 |
| 6.0 | 1.06 | 198.8 |
| 9.0 | 1.59 | 88.3 |
| 12.0 | 2.12 | 49.7 |
| 15.0 | 2.65 | 31.8 |

| | |
|--------------------|------------------|
| η | LED |
| Efficiency | 26 lm/W |
| Direct/Indirect | ↓ 100% / ↑ 0% |
| System Power | 20 W |
| UGR | X=4H, Y=8H |
| Reflection factors | 70/50/20 |
| UGR C0/C180 | 22.0 |
| UGR C90/C270 | 22.0 |
| CIE Flux Codes | 81 93 99 100 100 |
| Ra/CRI | >90 |

LTS

Accessories



ZB-AGS 002
anti-glare shield



ZB-DAR 002
decorative anti-glare ring