

MINO 60 CIRCLE 1500

direct

ceiling
034-2110637Z

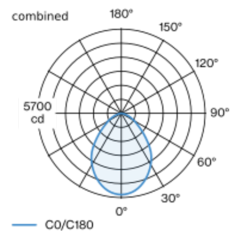


| | |
|----------------|--|
| Project / Type | |
| Notes | |
| Count / Date | |

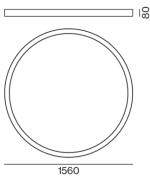


Ring-shaped light fitting in rolled and seamlessly welded extruded aluminium profile; suitable for ceiling mounting; surface white powder coated; LED light inset consisting of highly reflective lacquered aluminium for improved thermal management; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80 ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; incl. DALI-2 converter; sound absorbing accessories available; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

| | |
|-------------------------------|--|
| Ceiling , Surface | |
| white , RAL 9010 ¹ | |
| IP20 | |
| 10400 lm | |

LED

| | |
|-------------------------------|--|
| 4000 K | |
| CRI ≥ 80 | |
| L90 / 50000 h | |
| initial MacAdam ≤ 3 SDCM | |
| MR 0.72 | |
| MDER 0.65 | |

Optical

| | |
|---------------------------------|--|
| Microprismatic | |
| microprismatic | |
| PstLM $\leq 1.0^2$ ³ | |
| SVM $\leq 0.4^2$ ³ | |

Electrical

| | |
|------------------------------|--|
| DALI-2 | |
| 220-240 V | |
| system 83 W | |
| system 125 lm/W ⁴ | |
| PC1 | |
| 4 DALI Addr. | |

Physical

| | |
|--------------------------|--|
| diameter 1560 mm | |
| height 80 mm | |
| centerline radius 750 mm | |
| 12 kg | |

¹ RAL code ² combined
³ Value of containing product at full load (undimmed)
⁴ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator



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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF | 0.98 | 0.96 | 0.94 | 0.92 | 0.9 |
| LSF | 1 | 1 | 1 | 1 | 1 |

| | | | |
|------------------|------------------------------|-------------------|---------------------------------|
| MF | LMF × RSMF × LLMF × LSF | RSMF ^a | Room Surface Maintenance Factor |
| MF | Maintenance Factor | LLMF | Lamp Lumens Maintenance Factor |
| LMF ^a | Luminaire Maintenance Factor | LSF | Lamp Survival Factor |

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10 | 4 |
| B13 | 5 |
| B16 | 7 |
| B20 | 8 |
| C10 | 7 |
| C13 | 9 |
| C16 | 11 |
| C20 | 14 |

Acoustic accessories

MINO CIRCLE ACOUSTIC 1500 inlay

| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|-------------|--------|-------------------|
| marble grey | 1434 | 034-270211D |
| black | 1434 | 034-270211L |
| white | 1434 | 034-270211W |

