

MINO 60 CIRCLE 1500

direct / indirect

suspended
034-2411637Z



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



General

| |
|-------------------------------|
| Ceiling , Suspended |
| white , RAL 9010 ¹ |
| IP20 |
| indirect 5490 lm |
| direct 10400 lm |
| total 15900 lm |

LED

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

Optical

| |
|---------------------------------------|
| Microprismatic |
| microprismatic |
| PstLM ≤ 1.0 ² ³ |
| SVM ≤ 0.4 ² ³ |

Electrical

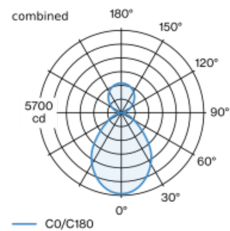
| |
|------------------------------|
| DALI-2 |
| 220-240 V |
| system 114 W |
| system 139 lm/W ⁴ |
| PC1 |
| 5 DALI Addr. |

Physical

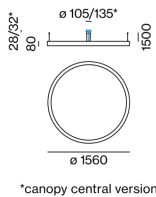
| |
|--------------------------------|
| cable 1500 mm / canopy central |
| diameter 1560 mm |
| height 80 mm |
| centerline radius 750 mm |
| 14 kg |

Ring-shaped light fitting in rolled and seamlessly welded extruded aluminium profile; suspended luminaire with 1500mm cable suspension (canopy central); with integrated toolless suspension height adjustment on the luminaire; incl. feed (white); 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; direct/ indirect light emission for additional accentuation of the ceiling; indirect light component with special PCBs for increased luminous flux and maximum ceiling illumination; 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



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 | 3 |
| B13 | 4 |
| B16 | 5 |
| B20 | 7 |
| C10 | 6 |
| C13 | 7 |
| C16 | 9 |
| C20 | 11 |

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 |

