



Meson Pro 190-C

Meson Pro 190-C is a series of high-quality LED downlights for surface mounting, equipped with a glare-reducing reflector and a satin diffuser. The innovative design of LED array, light chamber, reflector and diffuser forms an optical system with high system efficiency and excellent visual comfort. Meson pro 190-C has a highly effective Light Output Ratio (LOR) more than 84% and an Unified Glare Rating (UGR) between <16 and <19 depending on the luminaire flux which makes the downlighter EN 1.2464/1 compliant for office applications.

- Housing in matte white or matte black
- UGR< 17 to UGR< 19 depending on luminous flux
- Emergency lighting versions available

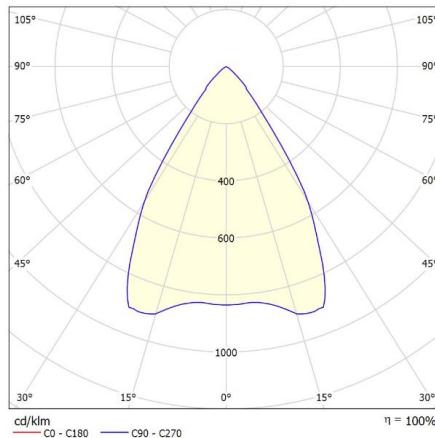
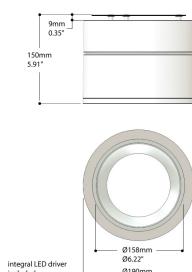
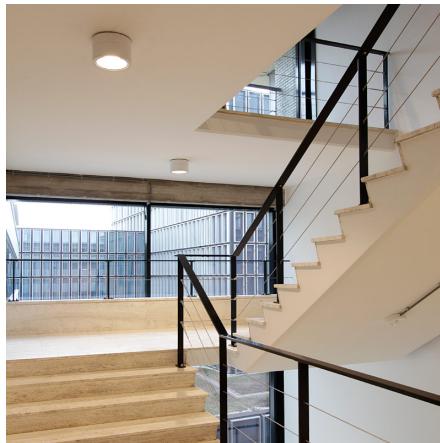
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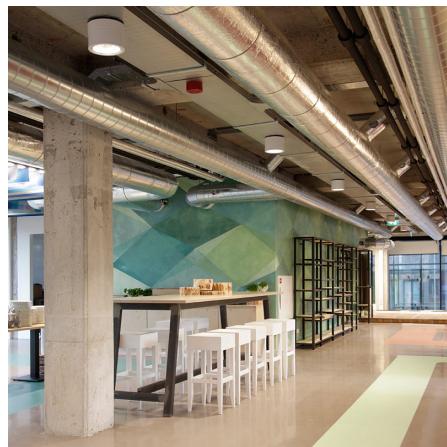


PRODUCT IMAGES



| Glare Evaluation According to UGR | | | | | | | | | |
|-----------------------------------|--------|--|------|------|------|------|---|------|------|
| | | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | |
| Room Size | Height | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 |
| 2H | 2H | 19.0 | 19.7 | 19.2 | 19.9 | 20.1 | 19.0 | 19.7 | 19.9 |
| 3H | 18.8 | 19.5 | 19.1 | 19.7 | 19.9 | 18.8 | 19.5 | 19.1 | 19.7 |
| 4H | 18.8 | 19.4 | 19.1 | 19.6 | 19.9 | 18.8 | 19.4 | 19.1 | 19.6 |
| 6H | 18.6 | 19.2 | 19.1 | 19.5 | 19.8 | 18.6 | 19.2 | 19.0 | 19.5 |
| 8H | 18.6 | 19.0 | 19.0 | 19.4 | 19.8 | 18.6 | 19.0 | 18.7 | 19.8 |
| 12H | 18.6 | 19.1 | 19.0 | 19.4 | 19.7 | 18.6 | 19.1 | 19.0 | 19.6 |
| 2H | 18.6 | 19.7 | 19.2 | 19.9 | 20.1 | 18.6 | 19.5 | 19.1 | 19.7 |
| 3H | 18.6 | 19.5 | 19.0 | 19.4 | 19.8 | 18.6 | 19.1 | 19.0 | 19.4 |
| 4H | 18.6 | 19.0 | 18.9 | 19.3 | 19.7 | 18.6 | 19.0 | 18.9 | 19.3 |
| 6H | 18.4 | 18.9 | 18.7 | 19.2 | 19.5 | 18.4 | 18.9 | 18.7 | 19.2 |
| 8H | 18.3 | 18.8 | 18.6 | 19.2 | 19.6 | 18.5 | 18.8 | 18.6 | 19.6 |
| 12H | 18.4 | 18.7 | 18.8 | 19.1 | 19.5 | 18.4 | 18.7 | 18.8 | 19.1 |
| 4H | 18.5 | 18.8 | 18.9 | 19.2 | 19.6 | 18.5 | 18.8 | 18.9 | 19.2 |
| 6H | 18.4 | 18.6 | 18.8 | 19.0 | 19.5 | 18.4 | 18.6 | 18.8 | 19.0 |
| 8H | 18.3 | 18.5 | 18.8 | 19.0 | 19.4 | 18.3 | 18.5 | 18.8 | 19.0 |
| 12H | 18.3 | 18.4 | 18.8 | 18.9 | 19.4 | 18.3 | 18.4 | 18.8 | 19.4 |
| 4H | 18.4 | 18.7 | 18.8 | 19.1 | 19.5 | 18.4 | 18.7 | 18.8 | 19.5 |
| 6H | 18.3 | 18.5 | 18.6 | 19.0 | 19.4 | 18.3 | 18.5 | 18.6 | 19.4 |
| 8H | 18.3 | 18.4 | 18.8 | 18.9 | 19.4 | 18.3 | 18.4 | 18.8 | 19.4 |
| 12H | 18.3 | 18.4 | 18.8 | 18.9 | 19.4 | 18.3 | 18.4 | 18.8 | 19.4 |

Corrected Glare Indices referring to 2681lm Total Luminous Flux



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NOTES

ADDITIONAL INFORMATION

| | |
|---------------------------------|--|
| Kleurtemperatuur | Tunable White, 2700K |
| Ambient temperature | -20°C / +40°C |
| Productkleur | On request |
| Light control | 1-10V dimming, Casambi dimming, DALI dimming |
| Emergency lighting | 1 hour emergency power, Optional, Optional 1 hour autonomy self-test |
| Producttoepassing | Education, Hospitality, Office, Public spaces |
| Primaire aansluitingen | On the driver |
| Driver positie | Integrated |
| Isolatieklasse | Class II |
| Family | Meson |
| Energielabel | A++ |
| Kleurconsistentie (SDCM) | SDCM=2 |
| Voltage / frequency | 220-240V, 50 / 60Hz |
| Powerfactor | >0.9 |
| Material | Acrylic, Steel |
| Oriëntatie | Down |
| Bevestiging | Ceiling mounting |
| Shape | Round |
| Photobiological safety | IEC 62471: RG1 (low risc) |

