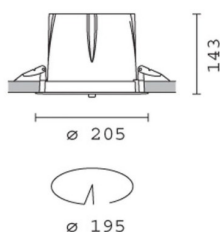


Last information update: May 2024

Product configuration: MP05+LED

MP05: recessed luminaire Ø 205 - warm white passive dissipation LED - integrated DALI control gear - flood

**Product code**MP05: recessed luminaire Ø 205 - warm white passive dissipation LED - integrated DALI control gear - flood **Attention! Code no longer in production****Technical description**

recessed adjustable removable luminaire for LED lamp with passive heat dissipation system. Structure with die-cast aluminium frame and main body; shaped surface with high level radiant effect for effectively reducing the temperature and keeping the long-term LED lamp performance unchanged. Steel rotation hinge, chrome-plated aluminium body closing ring. Reflector with high efficiency super-pure aluminium optic - flood beam angle. Body adjusted using manually operated device: internal 30° - external 75° - rotation about axis 355°. Supplied with DALI dimmable control gear connected to the luminaire. Warm white high colour rendering index LED CRI (Ra) > 90.

Installation

recessed using steel springs in false ceilings with thicknesses starting at 1 mm; preparation hole Ø 195

Colour

White / Aluminium (39) | Grey/Aluminium (78)

Mounting

ceiling recessed

Wiring

on control gear box with quick-coupling connections

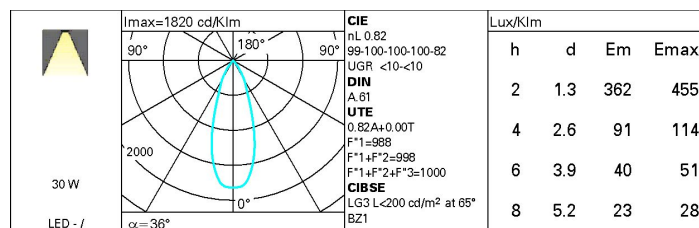
Complies with EN60598-1 and pertinent regulations



IP20

**Technical data**

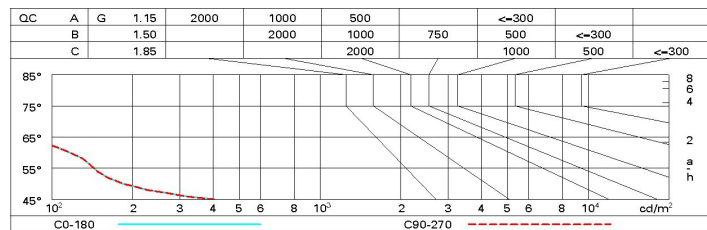
| | | | |
|--|------|---------------------------------------|------|
| Im system: | 2048 | CRI: | 90 |
| W system: | 30 | Colour temperature [K]: | 3000 |
| Im source: | 2500 | MacAdam Step: | 3 |
| W source: | 30 | Lamp code: | LED |
| Luminous efficiency (Im/W, real value): | 68,3 | Number of lamps for optical assembly: | 1 |
| Im in emergency mode: | - | ZVEI Code: | LED |
| Total light flux at or above an angle of 90° [Lm]: | 0 | Number of optical assemblies: | 1 |
| Light Output Ratio (L.O.R.) [%]: | 82 | Control: | DALI |
| Beam angle [°]: | 36° | | |

Polar

Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 74 | 70 | 67 | 65 | 69 | 67 | 66 | 64 | 78 |
| 1.0 | 77 | 73 | 71 | 69 | 73 | 70 | 70 | 67 | 82 |
| 1.5 | 81 | 78 | 76 | 74 | 77 | 75 | 75 | 72 | 88 |
| 2.0 | 83 | 81 | 80 | 79 | 80 | 79 | 78 | 76 | 93 |
| 2.5 | 85 | 83 | 82 | 81 | 82 | 81 | 80 | 78 | 95 |
| 3.0 | 86 | 85 | 84 | 83 | 84 | 83 | 82 | 80 | 97 |
| 4.0 | 87 | 86 | 86 | 85 | 85 | 84 | 83 | 81 | 99 |
| 5.0 | 87 | 87 | 87 | 86 | 86 | 85 | 84 | 82 | 100 |

Luminance curve limit



UGR diagram

| | | | | | | | | | | | |
|---|------|------|------|------|-------|------|------|------|-------|------|-----|
| Photometric curve code: ME250000.J70 | | | | | | | | | | | |
| Uncorrected UGR values (at 1000 lm bare lamp luminous flux) | | | | | | | | | | | |
| Reflect.: | | | | | | | | | | | |
| ceiling | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | |
| walls | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | |
| work pl. | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | |
| Room dim | | | | | | | | | | | |
| x | | | | | | | | | | | |
| y | | | | | | | | | | | |
| | | | | | | | | | | | |
| 2H | 2H | 4.7 | 5.3 | 4.9 | 5.5 | 5.8 | 4.7 | 5.3 | 4.9 | 5.5 | 5.8 |
| | 3H | 4.5 | 5.1 | 4.9 | 5.4 | 5.6 | 4.5 | 5.1 | 4.9 | 5.4 | 5.6 |
| | 4H | 4.5 | 5.0 | 4.8 | 5.3 | 5.6 | 4.5 | 5.0 | 4.8 | 5.3 | 5.6 |
| | 6H | 4.4 | 4.9 | 4.7 | 5.2 | 5.5 | 4.4 | 4.9 | 4.7 | 5.2 | 5.5 |
| | 8H | 4.4 | 4.8 | 4.7 | 5.1 | 5.5 | 4.4 | 4.8 | 4.7 | 5.1 | 5.5 |
| | 12H | 4.3 | 4.7 | 4.7 | 5.1 | 5.4 | 4.3 | 4.7 | 4.7 | 5.1 | 5.4 |
| 4H | 2H | 4.5 | 5.0 | 4.8 | 5.3 | 5.6 | 4.5 | 5.0 | 4.8 | 5.3 | 5.6 |
| | 3H | 4.3 | 4.8 | 4.7 | 5.1 | 5.4 | 4.3 | 4.8 | 4.7 | 5.1 | 5.4 |
| | 4H | 4.2 | 4.6 | 4.6 | 5.0 | 5.4 | 4.2 | 4.6 | 4.6 | 5.0 | 5.4 |
| | 6H | 4.1 | 4.5 | 4.6 | 4.9 | 5.3 | 4.1 | 4.5 | 4.6 | 4.9 | 5.3 |
| | 8H | 4.1 | 4.4 | 4.5 | 4.8 | 5.3 | 4.1 | 4.4 | 4.5 | 4.8 | 5.3 |
| | 12H | 4.0 | 4.3 | 4.5 | 4.8 | 5.2 | 4.0 | 4.3 | 4.5 | 4.8 | 5.2 |
| 8H | 4H | 4.1 | 4.4 | 4.5 | 4.8 | 5.3 | 4.1 | 4.4 | 4.5 | 4.8 | 5.3 |
| | 6H | 4.0 | 4.3 | 4.5 | 4.7 | 5.2 | 4.0 | 4.3 | 4.5 | 4.7 | 5.2 |
| | 8H | 3.9 | 4.2 | 4.4 | 4.6 | 5.1 | 3.9 | 4.2 | 4.4 | 4.6 | 5.1 |
| | 12H | 3.9 | 4.1 | 4.4 | 4.6 | 5.1 | 3.9 | 4.1 | 4.4 | 4.6 | 5.1 |
| 12H | 4H | 4.0 | 4.3 | 4.5 | 4.8 | 5.2 | 4.0 | 4.3 | 4.5 | 4.8 | 5.2 |
| | 6H | 3.9 | 4.2 | 4.4 | 4.6 | 5.1 | 3.9 | 4.2 | 4.4 | 4.6 | 5.1 |
| | 8H | 3.9 | 4.1 | 4.4 | 4.6 | 5.1 | 3.9 | 4.1 | 4.4 | 4.6 | 5.1 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | | 5.9 | / | -15.6 | | 5.9 | / | -15.6 | | |
| | 1.5H | | 8.7 | / | -16.6 | | 8.7 | / | -16.6 | | |
| | 2.0H | | 10.7 | / | -20.5 | | 10.7 | / | -20.5 | | |