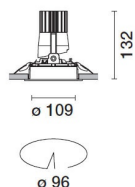


Last information update: April 2024

Product configuration: N074.Y

N074.Y: adjustable luminaire - Ø 96 mm - warm white - flood optic - frame

**Product code**N074.Y: adjustable luminaire - Ø 96 mm - warm white - flood optic - frame **Attention! Code no longer in production****Technical description**

Round adjustable luminaire designed to use an LED lamp with C.O.B. technology in a warm white colour tone 3000K (CRI 80). Version with rim for surface-mounting. Painted, die-cast aluminium body. Lower reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Anodised aluminium upper reflector. Black, zinc-plated sheet steel bracket. The luminaire can be rotated 30° relative to the horizontal plane and 358° about the vertical axis. The luminaire is fitted with mechanical locks for light beam aiming. Painted extruded aluminium dissipater.

Installation

Recessed using torsion springs which allow easy installation in false ceilings with thickness ranging from 1 mm to 25 mm.

Colour

White / Aluminium (39)

Weight (Kg)

0.49

Mounting

ceiling recessed

Wiring

Product complete with electronic components

Complies with EN60598-1 and pertinent regulations

**Technical data**

| | | | |
|--|------|---------------------------------------|---------------------------------|
| lm system: | 798 | CRI (minimum): | 80 |
| W system: | 15.9 | Colour temperature [K]: | 3000 |
| lm source: | 2000 | MacAdam Step: | 2 |
| W source: | 14 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| Luminous efficiency (lm/W, real value): | 50.2 | Lamp code: | LED |
| lm in emergency mode: | - | Number of lamps for optical assembly: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 0 | ZVEI Code: | LED |
| Light Output Ratio (L.O.R.) [%]: | 40 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 35° | Control: | On/off |

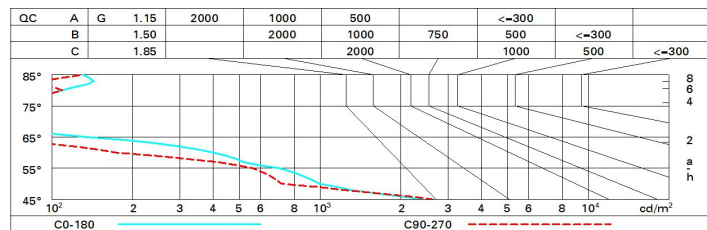
Polar

| <div><div><div>Imax=2259 cd</div><div>C150-330</div></div><div><div><div>90°</div><div>180°</div><div>90°</div></div><div><div>2500</div><div>0°</div></div></div><div><div>α = 35°</div></div></div> <div><div><div>CIE</div><div>nL 0.40</div><div>99-100-100-100-40</div><div>UGR <10-10</div><div>DIN</div><div>A.61</div><div>UTE</div><div>0.40A+0.00T</div><div>F*1=991</div><div>F*1+F*2=999</div><div>F*1+F*2+F*3=1000</div><div>CIBSE</div><div>LG3 L<1500 cd/m² at 65°</div><div>UGR<10 L<1500 cd/mq @65°</div></div></div> <div><div>Lux</div><table><tr><th>h</th><th>d1</th><th>d2</th><th>Em</th><th>Emax</th></tr><tr><td>2</td><td>1.3</td><td>1.3</td><td>433</td><td>564</td></tr><tr><td>4</td><td>2.5</td><td>2.5</td><td>108</td><td>141</td></tr><tr><td>6</td><td>3.8</td><td>3.8</td><td>48</td><td>63</td></tr><tr><td>8</td><td>5</td><td>5</td><td>27</td><td>35</td></tr></table></div> | h | d1 | d2 | Em | Emax | 2 | 1.3 | 1.3 | 433 | 564 | 4 | 2.5 | 2.5 | 108 | 141 | 6 | 3.8 | 3.8 | 48 | 63 | 8 | 5 | 5 | 27 | 35 |
|--|---|-----|-----|-----|------|---|-----|-----|-----|-----|---|-----|-----|-----|-----|---|-----|-----|----|----|---|---|---|----|----|
| | h | d1 | d2 | Em | Emax | | | | | | | | | | | | | | | | | | | | |
| | 2 | 1.3 | 1.3 | 433 | 564 | | | | | | | | | | | | | | | | | | | | |
| | 4 | 2.5 | 2.5 | 108 | 141 | | | | | | | | | | | | | | | | | | | | |
| | 6 | 3.8 | 3.8 | 48 | 63 | | | | | | | | | | | | | | | | | | | | |
| 8 | 5 | 5 | 27 | 35 | | | | | | | | | | | | | | | | | | | | | |

Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 36 | 34 | 33 | 32 | 34 | 33 | 32 | 31 | 78 |
| 1.0 | 38 | 36 | 35 | 34 | 35 | 34 | 34 | 33 | 82 |
| 1.5 | 39 | 38 | 37 | 36 | 38 | 37 | 36 | 35 | 88 |
| 2.0 | 41 | 40 | 39 | 38 | 39 | 39 | 38 | 37 | 93 |
| 2.5 | 41 | 41 | 40 | 40 | 40 | 40 | 39 | 38 | 96 |
| 3.0 | 42 | 41 | 41 | 41 | 41 | 40 | 40 | 39 | 98 |
| 4.0 | 42 | 42 | 42 | 42 | 41 | 41 | 41 | 40 | 99 |
| 5.0 | 43 | 42 | 42 | 42 | 42 | 42 | 41 | 40 | 100 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 2000 lm bare lamp luminous flux) | | | | | | | | | | | |
|--|------|---------------------|------|------|------|------|-------------------|------|------|------|------|
| Reflect.: ceiling/cav walls work pl. Room dim x y | | viewed crosswise | | | | | viewed endwise | | | | |
| | | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 |
| | | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 |
| | | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| | | | | | | | | | | | |
| 2H | 2H | 5.2 | 5.7 | 5.4 | 5.9 | 0.2 | 5.6 | 6.1 | 5.8 | 6.3 | 0.6 |
| | 3H | 5.0 | 5.5 | 5.3 | 5.8 | 0.1 | 5.4 | 5.9 | 5.7 | 6.2 | 0.5 |
| | 4H | 5.0 | 5.4 | 5.3 | 5.7 | 0.0 | 5.4 | 5.8 | 5.7 | 6.1 | 0.4 |
| | 6H | 4.9 | 5.3 | 5.2 | 5.6 | 5.9 | 5.3 | 5.7 | 5.6 | 6.0 | 0.4 |
| | 8H | 4.8 | 5.3 | 5.2 | 5.6 | 5.9 | 5.3 | 5.7 | 5.6 | 6.0 | 0.3 |
| | 12H | 4.8 | 5.2 | 5.2 | 5.5 | 5.9 | 5.2 | 5.6 | 5.6 | 5.9 | 0.3 |
| | | | | | | | | | | | |
| 4H | 2H | 5.0 | 5.4 | 5.3 | 5.7 | 0.0 | 5.4 | 5.8 | 5.7 | 6.1 | 0.4 |
| | 3H | 4.8 | 5.2 | 5.2 | 5.5 | 5.9 | 5.2 | 5.6 | 5.6 | 5.9 | 0.3 |
| | 4H | 4.7 | 5.1 | 5.1 | 5.4 | 5.8 | 5.1 | 5.5 | 5.5 | 5.8 | 0.2 |
| | 6H | 4.6 | 5.0 | 5.1 | 5.3 | 5.8 | 5.0 | 5.3 | 5.5 | 5.7 | 0.2 |
| | 8H | 4.6 | 4.9 | 5.0 | 5.3 | 5.7 | 5.0 | 5.3 | 5.4 | 5.7 | 0.1 |
| | 12H | 4.6 | 4.8 | 5.0 | 5.2 | 5.7 | 4.9 | 5.2 | 5.4 | 5.6 | 0.1 |
| | | | | | | | | | | | |
| 8H | 4H | 4.6 | 4.9 | 5.0 | 5.3 | 5.7 | 5.0 | 5.3 | 5.4 | 5.7 | 0.1 |
| | 6H | 4.5 | 4.7 | 5.0 | 5.2 | 5.7 | 4.9 | 5.1 | 5.4 | 5.6 | 0.1 |
| | 8H | 4.5 | 4.7 | 4.9 | 5.1 | 5.6 | 4.9 | 5.1 | 5.3 | 5.5 | 0.0 |
| | 12H | 4.4 | 4.6 | 4.9 | 5.1 | 5.6 | 4.8 | 5.0 | 5.3 | 5.5 | 0.0 |
| | | | | | | | | | | | |
| 12H | 4H | 4.5 | 4.8 | 5.0 | 5.2 | 5.7 | 5.0 | 5.2 | 5.4 | 5.6 | 0.1 |
| | 6H | 4.5 | 4.7 | 4.9 | 5.1 | 5.6 | 4.9 | 5.1 | 5.3 | 5.5 | 0.0 |
| | 8H | 4.4 | 4.6 | 4.9 | 5.1 | 5.6 | 4.8 | 5.0 | 5.3 | 5.5 | 0.0 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | 5.3 / -10.0 | | | | | 5.0 / -11.3 | | | | |
| | 1.5H | 8.0 / -12.5 | | | | | 7.8 / -17.1 | | | | |
| | 2.0H | 10.0 / -15.8 | | | | | 9.8 / -17.3 | | | | |