

Easy Space Square

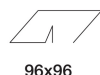
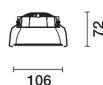
Design iGuzzini

iGuzzini

Last information update: April 2025

Product configuration: RM39.D8

RM39.D8: Square 105 - General Lighting - DALI - Warm White - Low Output - 9.5W 1029.2lm - 3500K - CRI 90 - White Transparent



96x96

Product code

RM39.D8: Square 105 - General Lighting - DALI - Warm White - Low Output - 9.5W 1029.2lm - 3500K - CRI 90 - White Transparent

Technical description

Square recess luminaire with fixed optics, in version with outer frame. LED source with high colour rendering index for general lighting uses. Reduced flow version to optimise visual comfort. Emission unit made up of a transparent PMMA prismatic reflector in combination with the flow recovery unit and diffuser screen, both produced in PMMA, integrated into the external polycarbonate structure. The painted die-cast aluminium diffuser encompasses the steel wire coupling springs. A DALI dimmer power supply unit connected to the luminaire.

Installation

recessed with steel wire springs for false ceilings from 1 to 25 mm thick

Colour

White Transparent (D8)

Weight (Kg)

0.35

Mounting

ceiling surface

Wiring

DALI dimmer functioning components included - power supply connection on the terminals with rapid connection of the driver.

Notes

TPa version available on request, contact iGuzzini for more info

Complies with EN60598-1 and pertinent regulations



IP20

IP54

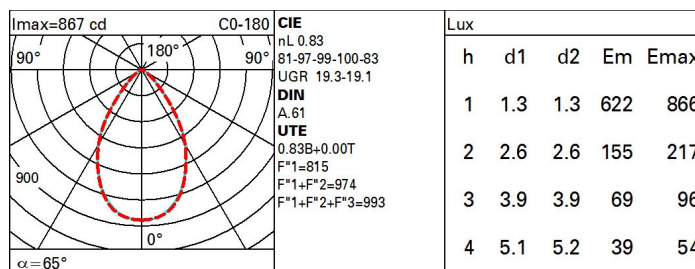
On the visible part of the product once installed



Technical data

| | | | |
|--|-------|---------------------------------------|---------------------------------|
| Im system: | 1029 | Colour temperature [K]: | 3500 |
| W system: | 9.5 | MacAdam Step: | 2 |
| Im source: | 1240 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| W source: | 7.9 | Lamp code: | LED |
| Luminous efficiency (lm/W, real value): | 108.3 | 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.) [%]: | 83 | Control: | DALI-2 |
| CRI (minimum): | 90 | | |

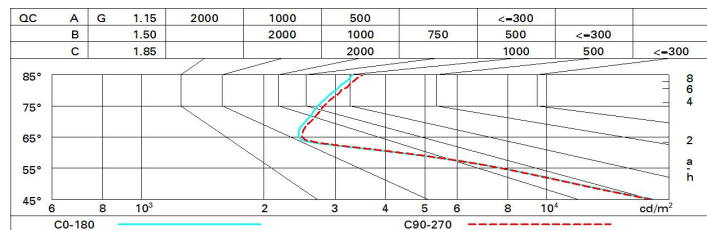
Polar



Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 68 | 62 | 58 | 55 | 61 | 58 | 57 | 54 | 65 |
| 1.0 | 72 | 67 | 63 | 61 | 66 | 63 | 62 | 59 | 71 |
| 1.5 | 78 | 74 | 71 | 69 | 73 | 70 | 70 | 66 | 80 |
| 2.0 | 81 | 79 | 76 | 74 | 77 | 75 | 74 | 71 | 86 |
| 2.5 | 83 | 81 | 79 | 78 | 80 | 78 | 77 | 74 | 89 |
| 3.0 | 85 | 83 | 81 | 80 | 81 | 80 | 79 | 76 | 92 |
| 4.0 | 86 | 85 | 83 | 82 | 83 | 82 | 81 | 78 | 94 |
| 5.0 | 87 | 86 | 85 | 84 | 84 | 83 | 82 | 79 | 95 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 1240 lm bare lamp luminous flux) | | | | | | | | | | |
|---|-----|------------------|------|------|------|------|----------------|------|------|------|
| Reflect.: | | viewed crosswise | | | | | viewed endwise | | | |
| ceiling/cav | | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 |
| walls | | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 |
| work pl. | | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| Room dim | | x | | | | | y | | | |
| | | | | | | | | | | |
| 2H | 2H | 19.3 | 20.0 | 19.6 | 20.3 | 20.5 | 19.3 | 20.0 | 19.5 | 20.3 |
| | 3H | 19.2 | 19.9 | 19.5 | 20.2 | 20.5 | 19.2 | 19.9 | 19.5 | 20.2 |
| | 4H | 19.2 | 19.9 | 19.5 | 20.1 | 20.5 | 19.2 | 19.8 | 19.5 | 20.1 |
| | 6H | 19.2 | 19.8 | 19.6 | 20.1 | 20.5 | 19.1 | 19.7 | 19.4 | 20.0 |
| | 8H | 19.2 | 19.8 | 19.6 | 20.1 | 20.5 | 19.1 | 19.6 | 19.4 | 20.0 |
| | 12H | 19.2 | 19.8 | 19.6 | 20.1 | 20.5 | 19.0 | 19.6 | 19.4 | 20.0 |
| 4H | 2H | 19.2 | 19.8 | 19.5 | 20.1 | 20.4 | 19.2 | 19.8 | 19.5 | 20.1 |
| | 3H | 19.1 | 19.7 | 19.5 | 20.0 | 20.4 | 19.2 | 19.8 | 19.6 | 20.1 |
| | 4H | 19.2 | 19.6 | 19.6 | 20.0 | 20.4 | 19.2 | 19.6 | 19.6 | 20.0 |
| | 6H | 19.2 | 19.7 | 19.7 | 20.1 | 20.5 | 19.1 | 19.5 | 19.5 | 19.9 |
| | 8H | 19.3 | 19.7 | 19.7 | 20.1 | 20.5 | 19.1 | 19.5 | 19.5 | 19.9 |
| | 12H | 19.3 | 19.7 | 19.8 | 20.1 | 20.6 | 19.1 | 19.4 | 19.5 | 19.8 |
| 8H | 4H | 19.1 | 19.5 | 19.5 | 19.9 | 20.3 | 19.3 | 19.7 | 19.7 | 20.1 |
| | 6H | 19.2 | 19.5 | 19.7 | 20.0 | 20.4 | 19.3 | 19.6 | 19.8 | 20.1 |
| | 8H | 19.3 | 19.6 | 19.8 | 20.0 | 20.5 | 19.3 | 19.6 | 19.8 | 20.1 |
| | 12H | 19.4 | 19.6 | 19.9 | 20.1 | 20.6 | 19.3 | 19.5 | 19.8 | 20.0 |
| 12H | 4H | 19.1 | 19.4 | 19.5 | 19.8 | 20.3 | 19.3 | 19.7 | 19.8 | 20.1 |
| | 6H | 19.2 | 19.5 | 19.7 | 19.9 | 20.4 | 19.4 | 19.7 | 19.9 | 20.1 |
| | 8H | 19.3 | 19.5 | 19.8 | 20.0 | 20.5 | 19.4 | 19.7 | 19.9 | 20.1 |
| Variations with the observer position at spacing: | | | | | | | | | | |
| S = | | 1.0H | | | | | 2.1 / -2.9 | | | |
| | | 1.5H | | | | | 3.4 / -4.8 | | | |
| | | 2.0H | | | | | 5.2 / -5.2 | | | |