# Tecnica Evo

**Design iGuzzini** **iGuzzini**

Last information update: June 2025

**Product configuration: R352.01**
R352.01: body Ø 117 mm - Flood optic - 38.1W 4986lm - 4000K - White

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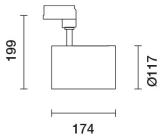
**Technical description**
Adjustable mediumlight with adapter for installation on a mains voltage track. Luminaire made of die-cast aluminium. mediumlight double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Built-in dimmable DALI ballast. Luminaire complete with C.O.B. technology LED unit in neutral white colour 4000K. Anti-scratch reflector made of P.V.D (physical vapour deposition) aluminium that can provide optimum performance in terms of light efficiency. Flood optic. Possibility of installing a flat accessory, like a glass cover or an elliptical distribution refractor. Interchangeable reflectors that can be ordered as an accessory.

**Installation**
On an electrified track or special base

| **Colour** | **Weight (Kg)** |
|---|---|
| White (01) | 1.1 |




**Mounting**
three circuit track

**Wiring**
Product complete with DALI components

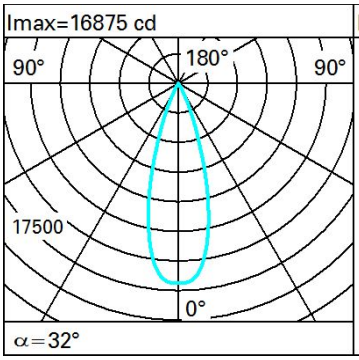
Complies with EN60598-1 and pertinent regulations

IP20 IP40 With accessory installed

**Technical data**

| | | | |
|---|---|---|---|
| lm system: | 4986 | Rf (Colour Fidelity Index): | 83 |
| W system: | 38.1 | Rg (Gamut Index): | 94 |
| lm source: | 5540 | Colour temperature [K]: | 4000 |
| W source: | 34 | MacAdam Step: | 2 |
| Luminous efficiency (lm/W, real value): | 130.9 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| lm in emergency mode: | - | Lamp code: | LED |
| Total light flux at or above an angle of 90° [Lm]: | 0 | Number of lamps for optical assembly: | 1 |
| Light Output Ratio (L.O.R.) [%]: | 90 | ZVEI Code: | LED |
| Beam angle [°]: | 32° | Number of optical assemblies: | 1 |
| CRI (minimum): | 80 | Control: | DALI-2 |

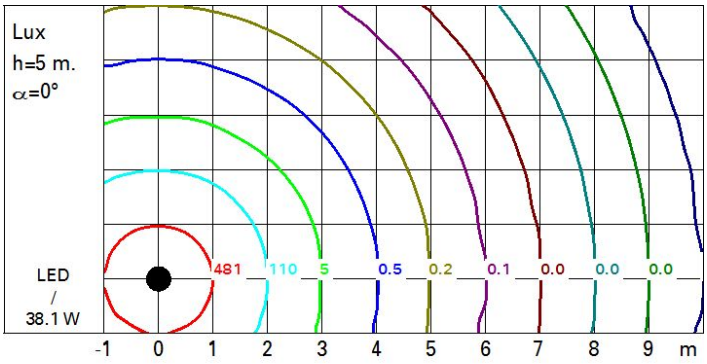
**Polar**




Lux

| h | d | Em | Emax |
|---|---|---|---|
| 2 | 1.2 | 3403 | 4219 |
| 4 | 2.3 | 851 | 1055 |
| 6 | 3.5 | 378 | 469 |
| 8 | 4.6 | 213 | 264 |

**Isolux**




**UGR diagram**

Corrected UGR values (at 5540 lm bare lamp luminous flux)

| Riflect.: ceil/cav | | 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 | | | | viewed crosswise | | | | | viewed endwise | | |
| x | y | | | | | | | | | | |
| 2H | 2H | 0.3 | 0.8 | 0.6 | 1.1 | 1.3 | 0.3 | 0.8 | 0.6 | 1.1 | 1.3 |
| | 3H | 0.5 | 0.9 | 0.8 | 1.2 | 1.4 | 0.3 | 0.8 | 0.7 | 1.1 | 1.3 |
| | 4H | 0.5 | 0.9 | 0.8 | 1.2 | 1.5 | 0.3 | 0.7 | 0.6 | 1.0 | 1.3 |
| | 6H | 0.5 | 0.9 | 0.8 | 1.2 | 1.5 | 0.3 | 0.7 | 0.6 | 1.0 | 1.3 |
| | 8H | 0.5 | 0.9 | 0.9 | 1.2 | 1.6 | 0.2 | 0.6 | 0.6 | 0.9 | 1.3 |
| | 12H | 0.5 | 0.9 | 0.9 | 1.2 | 1.6 | 0.2 | 0.6 | 0.6 | 0.9 | 1.2 |
| 4H | 2H | 0.3 | 0.7 | 0.6 | 1.0 | 1.3 | 0.5 | 0.9 | 0.8 | 1.2 | 1.5 |
| | 3H | 0.5 | 0.8 | 0.9 | 1.2 | 1.5 | 0.5 | 0.9 | 0.9 | 1.2 | 1.6 |
| | 4H | 0.5 | 0.9 | 0.9 | 1.2 | 1.6 | 0.5 | 0.9 | 0.9 | 1.2 | 1.6 |
| | 6H | 0.6 | 0.9 | 1.0 | 1.3 | 1.7 | 0.5 | 0.8 | 0.9 | 1.2 | 1.6 |
| | 8H | 0.7 | 0.9 | 1.1 | 1.3 | 1.8 | 0.5 | 0.8 | 0.9 | 1.2 | 1.6 |
| | 12H | 0.7 | 0.9 | 1.1 | 1.3 | 1.8 | 0.5 | 0.7 | 0.9 | 1.1 | 1.6 |
| 8H | 4H | 0.5 | 0.8 | 0.9 | 1.2 | 1.6 | 0.7 | 0.9 | 1.1 | 1.3 | 1.8 |
| | 6H | 0.6 | 0.8 | 1.1 | 1.3 | 1.8 | 0.7 | 0.9 | 1.2 | 1.4 | 1.8 |
| | 8H | 0.7 | 0.9 | 1.2 | 1.4 | 1.9 | 0.7 | 0.9 | 1.2 | 1.4 | 1.9 |
| | 12H | 0.8 | 0.9 | 1.3 | 1.4 | 1.9 | 0.7 | 0.9 | 1.2 | 1.4 | 1.9 |
| 12H | 4H | 0.5 | 0.7 | 0.9 | 1.1 | 1.6 | 0.7 | 0.9 | 1.1 | 1.3 | 1.8 |
| | 6H | 0.6 | 0.8 | 1.1 | 1.3 | 1.8 | 0.7 | 0.9 | 1.2 | 1.4 | 1.9 |
| | 8H | 0.7 | 0.9 | 1.2 | 1.4 | 1.9 | 0.8 | 0.9 | 1.3 | 1.4 | 1.9 |

Variations with the observer position at spacing:

| S = | | | |
|---|---|---|---|
| | 1.0H | 3.7 / -2.5 | 3.7 / -2.5 |
| | 1.5H | 6.1 / -3.4 | 6.1 / -3.4 |
| | 2.0H | 8.0 / -3.9 | 8.0 / -3.9 |