

Reflex

Design iGuzzini

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Last information update: May 2018



adjustable luminaire - Ø 212 mm - neutral white - medium optic - frame

Product code
N105

Technical description

Round adjustable luminaire designed to use an LED lamp with C.O.B. technology in a neutral white colour tone 4000K. Version without rim for mounting flush with ceiling. 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

Installation flush with the ceiling is for false ceilings 12.5 mm thick

Dimension (mm)
Ø226x252

Colour
White/Aluminium (39)

Weight (Kg)
1.95

Mounting
ceiling recessed

Wiring
Product complete with DALI components

Complies with EN60598-1 and pertinent regulations



IP20

IP23



Product configuration: N105

Product characteristics

Total lighting output [Lm]: 3439.5
Total power [W]: 35.3
Luminous efficacy [Lm/W]: 97.4
Life Time: 50,000h - L80 - B10 (Ta 25°C)

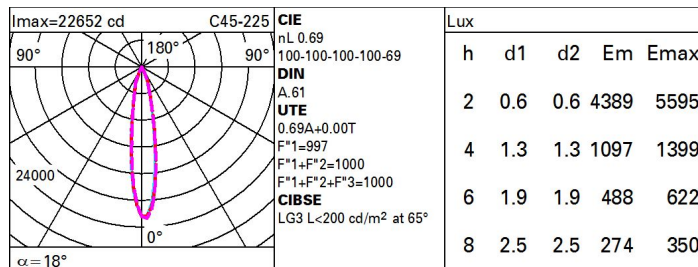
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 69
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 32
Nominal luminous [Lm]: 5000
Lamp maximum intensity [cd]: /
Beam angle [°]: 18°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 3.3
Colour temperature [K]: 4000
CRI: 80
Wavelength [Nm]: /
MacAdam Step: 2

Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	62	59	57	55	58	56	56	54	78
1.0	65	62	60	58	61	59	59	57	83
1.5	68	66	64	63	65	64	63	61	89
2.0	70	69	67	66	68	66	66	64	93
2.5	71	70	69	69	69	68	68	66	96
3.0	72	71	71	70	70	70	69	67	98
4.0	73	72	72	72	71	71	70	68	99
5.0	74	73	73	73	72	72	71	69	100

Luminance curve limit

