

## Reflex

Design iGuzzini

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### Fixed circular recessed luminaire - Ø212 mm - warm white - flood optic - UGR<19

#### Product code

N228

#### Technical description

Fixed round luminaire designed to use a LED lamp with C.O.B. technology. Version with rim for surface-mounting. Reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Die-cast aluminium body and passive dissipation system. Product complete with LED lamp in warm white colour tone CRI 90 (3000K). General light emission, with controlled luminance UGR<19 1500 cd/m<sup>2</sup> α>65° flood optic.

#### Installation

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

#### Dimension (mm)

Ø226x150

#### 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

IP54

On the visible part of the product once installed



#### Product configuration: N228

#### Product characteristics

Total lighting output [Lm]: 4250  
Total power [W]: 45.1  
Luminous efficacy [Lm/W]: 94.2  
Life Time: 50,000h - L80 - B10 (Ta 25°C)

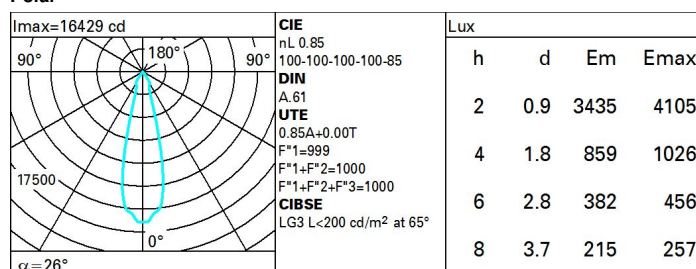
Total luminous flux at or above an angle of 90° [Lm]: 0  
Emergency luminous flux [Lm]: /  
Voltage [V]: -  
Number of optical assemblies: 1

#### Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 85  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 42  
Nominal luminous [Lm]: 5000  
Lamp maximum intensity [cd]: /  
Beam angle [°]: 26°

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 3.1  
Colour temperature [K]: 3000  
CRI: 90  
Wavelength [Nm]: /  
MacAdam Step: 2

#### Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	77	73	70	68	72	70	69	67	78
1.0	80	77	74	72	76	74	73	71	83
1.5	84	81	79	78	80	79	78	75	89
2.0	87	85	83	82	84	82	81	79	93
2.5	88	87	86	85	86	85	84	81	96
3.0	89	88	87	87	87	86	85	83	98
4.0	90	90	89	89	88	88	87	84	99
5.0	91	90	90	90	89	89	87	85	100

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