Design Iosa Ghini

iGuzzini

Last information update: June 2018



recessed luminaire Ø 110 - warm white passive dissipation integrated electronic control gear - flood

#### Product code

**MD80** 

#### Technical description

recessed adjustable removable luminaire for LED lamp with passive heat dissipation system. Structure with die-cast aluminium frame and main body; shaped surface with high level radiant effect for effectively reducing the temperature and keeping the longterm LED lamp performance unchanged. Steel rotation hinge, chrome-plated aluminium body closing ring. Plastic reflector with high definition treatment. Body adjusted using manually operated device: internal 30° - external 75° - rotation about axis 355°. Supplied with electronic control gear connected to the luminaire. Warm white high efficiency LED



110



100

#### Installation

recessed using special steel springs in false ceilings with thicknesses starting at 1 mm; preparation hole Ø 100

#### Dimension (mm)

Ø110x67

#### Colour

White/Aluminium (39) | Grey/Aluminium (78)

### Weight (Kg)

0.52

### Mounting

ceiling recessed

### Wiring

on control gear box with quick-coupling connections

Complies with EN60598-1 and pertinent regulations













EHC



### Product configuration: MD80

#### **Product characteristics**

Total lighting output [Lm]: 810 Total power [W]: 13.8 Luminous efficacy [Lm/W]: 58.7

Life Time: > 50,000h - L90 - 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.) [%]: 81 Lamp code: LED

ZVEI Code: LED Nominal power [W]: 11 Nominal luminous [Lm]: 1000 Lamp maximum intensity [cd]: / Beam angle [°]: 28°

Number of lamps for optical assembly: 1

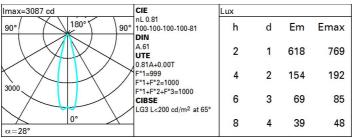
Socket:

Ballast losses [W]: 2.8 Colour temperature [K]: 3000

CRI: 80

Wavelength [Nm]: / MacAdam Step: 3

## Polar



#### Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	73	69	67	65	69	66	66	64	78
1.0	76	73	71	69	72	70	70	67	83
1.5	80	78	76	74	77	75	74	72	89
2.0	83	81	79	78	80	78	77	75	93
2.5	84	83	82	81	82	81	80	78	96
3.0	85	84	83	83	83	82	81	79	98
4.0	86	85	85	84	84	84	82	80	99
5.0	87	86	86	86	85	84	83	81	100

# Luminance curve limit

