Design Iosa Ghini

iGuzzini

Last information update: May 2018



recessed luminaire Ø 110 - warm white passive dissipation LED - integrated DALI control gear - medium

#### Product code

**MN61** 

#### 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 - medium beam angle. Body adjusted using manually operated device: internal 30° - external 75° - rotation about axis 355°. Supplied with DALI dimmable control gear connected to the luminaire. Warm white high efficiency LED.



110



Installation

recessed using 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









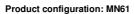












#### Product characteristics

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)

## Optical assembly Characteristics Type 1

Lamp code: LED ZVEI Code: LED Nominal power [W]: 11 Nominal luminous [Lm]: 1000 Lamp maximum intensity [cd]: /

Beam angle [°]: 28°

Total luminous flux at or above an angle of 90° [Lm]: 0

Emergency luminous flux [Lm]: /

Voltage [V]: -

Number of optical assemblies: 1

# Light Output Ratio (L.O.R.) [%]: 81

Socket: CRI: 80

Number of lamps for optical assembly: 1

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

Wavelength [Nm]: / MacAdam Step: 3

## Polar

	CIE	Lux			
90°   180°   90°	nL 0.81 100-100-100-100-81	h	d	Em	Emax
	DIN A.61 UTE	2	1	618	769
	0.81A+0.00T F"1=999 F"1+F"2=1000	4	2	154	192
	F"1+F"2+F"3=1000 CIBSE LG3 L<200 cd/m <sup>2</sup> at 65°	6	3	69	85
α=28° 0°		8	4	39	48

### 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

