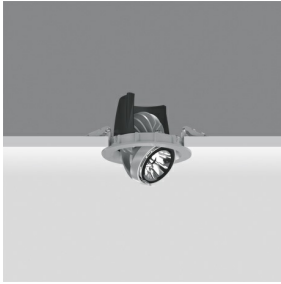


Last information update: May 2018

**recessed luminaire Ø 110 - neutral white passive dissipation LED - integrated DALI control gear - medium****Product code**

MN59

**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 long-term 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. Neutral white high efficiency LED.

**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



IP20

IP23

**Product configuration: MN59****Product characteristics**

Total lighting output [Lm]: 810

Total power [W]: 13.2

Luminous efficacy [Lm/W]: 61.4

Life Time: &gt; 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]: 9.6

Nominal luminous [Lm]: 1000

Lamp maximum intensity [cd]: /

Beam angle [°]: 28°

Number of lamps for optical assembly: 1

Socket: /

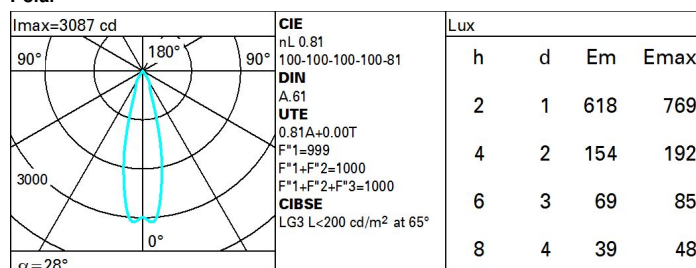
Ballast losses [W]: 3.6

Colour temperature [K]: 4000

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

