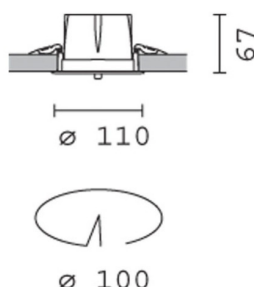
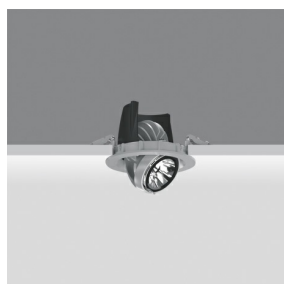


Last information update: May 2024

**Product configuration: MN60**

MN60: recessed luminaire Ø 110 - warm white passive dissipation LED - integrated DALI control gear - spot

**Product code**MN60: recessed luminaire Ø 110 - warm white passive dissipation LED - integrated DALI control gear - spot **Attention! Code no longer in production****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 - spot 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.

**Installation**

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

**Colour**

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

**Weight (Kg)**

0.52

**Mounting**

ceiling recessed

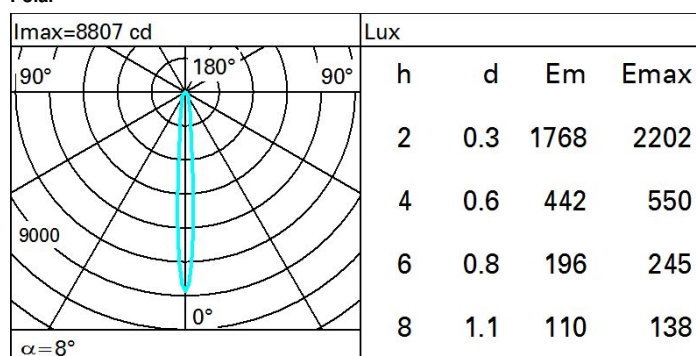
**Wiring**

on control gear box with quick-coupling connections

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	830	CRI:	80
W system:	13.8	Colour temperature [K]:	3000
lm source:	1000	MacAdam Step:	3
W source:	11	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	60.1	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	83	Number of optical assemblies:	1
Beam angle [°]:	8°	Control:	DALI

**Polar**

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	75	71	68	66	70	68	67	64	78
1.0	78	74	72	70	74	71	71	68	82
1.5	82	79	77	75	78	76	76	73	88
2.0	84	83	81	80	81	80	79	77	93
2.5	86	85	83	82	83	82	81	79	95
3.0	87	86	85	84	85	84	83	81	97
4.0	88	87	87	86	86	86	84	82	99
5.0	89	88	88	87	87	86	85	83	100

Luminance curve limit

