Pixel Pro

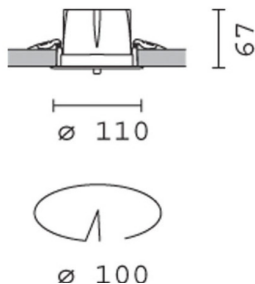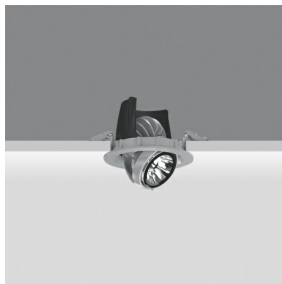**Design Iosa Ghini**   **iGuzzini**

Last information update: May 2024

Product configuration: MN62
MN62: recessed luminaire Ø 110 - warm white passive dissipation LED - integrated DALI control gear - spot

Product code
MN62: 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 colour rendering index LED CRI (Ra) 90.

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

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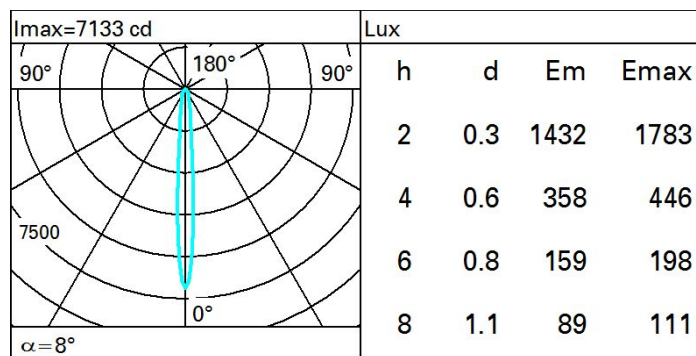White / Aluminium (39) | Grey/Aluminium (78)

Mounting
ceiling recessed

Wiring
on control gear box with quick-coupling connections

Complies with EN60598-1 and pertinent regulations

Technical data

lm system:	672		CRI:	90
W system:	13.8		Colour temperature [K]:	3000
lm source:	810		MacAdam Step:	3
W source:	11		Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	48.7		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

Imax=7133 cd		Lux			
		h	d	Em	Emax
		2	0.3	1432	1783
		4	0.6	358	446
		6	0.8	159	198
		8	1.1	89	111

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

QC	A	G	1.15	2000		1000		500		<=300		
	B		1.50			2000		1000	750	500	<=300	
	C		1.85				2000			1000	500	<=300

85°									8 6 4
75°									
65°									2
55°									a h
45°	10²	2	3 4 5 6 8 10³		2	3	4 5 6 8 10⁴		cd/m²

C0-180 ————	C90-270 - - - - - - - - -