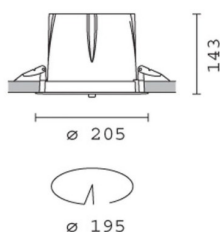


Last information update: April 2025

Product configuration: MN97+LED

MN97: recessed luminaire Ø 205 - neutral white passive dissipation LED - integrated DALI control gear - wide flood

**Product code**MN97: recessed luminaire Ø 205 - neutral white passive dissipation LED - integrated DALI control gear - wide flood **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. Reflector with high efficiency super-pure aluminium optic - wide flood 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 195

Colour

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

Mounting

ceiling recessed

Wiring

on control gear box with quick-coupling connections

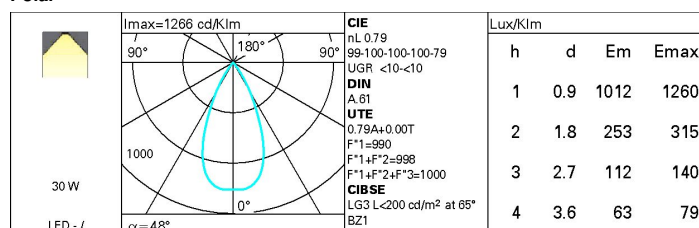
Complies with EN60598-1 and pertinent regulations



IP20

**Technical data**

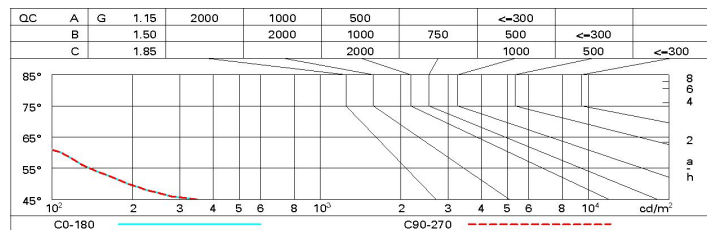
lm system:	2368,5	Beam angle [°]:	48°
W system:	30	CRI:	80
lm source:	3000	Colour temperature [K]:	4000
W source:	30	MacAdam Step:	3
Luminous efficiency (lm/W, real value):	79	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	79	Number of optical assemblies:	1

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	67	65	63	67	64	64	61	78
1.0	74	71	68	67	70	68	68	65	82
1.5	78	75	73	72	74	73	72	70	88
2.0	80	79	77	76	77	76	75	73	93
2.5	82	80	79	78	79	78	77	75	95
3.0	83	82	81	80	81	80	79	77	97
4.0	84	83	83	82	82	81	80	78	99
5.0	84	84	83	83	83	82	81	79	100

Luminance curve limit



UGR diagram

Photometric curve code: ME200000.J70											
Uncorrected UGR values (at 1000 lm bare lamp luminous flux)											
Reflect.:											
ceiling		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		viewed					viewed				
x	y	crosswise					endwise				
2H	2H	4.0	4.5	4.2	4.8	5.0	4.0	4.5	4.2	4.8	5.0
	3H	3.8	4.3	4.2	4.6	4.9	3.8	4.3	4.2	4.6	4.9
	4H	3.8	4.2	4.1	4.5	4.8	3.8	4.2	4.1	4.5	4.8
	6H	3.7	4.1	4.0	4.4	4.8	3.7	4.1	4.0	4.4	4.8
	8H	3.7	4.1	4.0	4.4	4.7	3.7	4.1	4.0	4.4	4.7
	12H	3.6	4.0	4.0	4.4	4.7	3.6	4.0	4.0	4.4	4.7
4H	2H	3.8	4.2	4.1	4.5	4.8	3.8	4.2	4.1	4.5	4.8
	3H	3.6	4.0	4.0	4.4	4.7	3.6	4.0	4.0	4.4	4.7
	4H	3.5	3.9	3.9	4.3	4.6	3.5	3.9	3.9	4.3	4.6
	6H	3.5	3.8	3.9	4.2	4.6	3.5	3.8	3.9	4.2	4.6
	8H	3.4	3.7	3.8	4.1	4.5	3.4	3.7	3.8	4.1	4.5
	12H	3.4	3.6	3.8	4.0	4.5	3.4	3.6	3.8	4.0	4.5
8H	4H	3.4	3.7	3.8	4.1	4.5	3.4	3.7	3.8	4.1	4.5
	6H	3.3	3.5	3.8	4.0	4.5	3.3	3.5	3.8	4.0	4.5
	8H	3.3	3.5	3.7	3.9	4.4	3.3	3.5	3.7	3.9	4.4
	12H	3.2	3.4	3.7	3.9	4.4	3.2	3.4	3.7	3.9	4.4
12H	4H	3.4	3.6	3.8	4.0	4.5	3.4	3.6	3.8	4.0	4.5
	6H	3.3	3.5	3.7	3.9	4.4	3.3	3.5	3.7	3.9	4.4
	8H	3.2	3.4	3.7	3.9	4.4	3.2	3.4	3.7	3.9	4.4
Variations with the observer position at spacing:											
S =	1.0H	6.3 / -15.3					6.3 / -15.3				
	1.5H	9.1 / -16.4					9.1 / -16.4				
	2.0H	11.1 / -17.9					11.1 / -17.9				