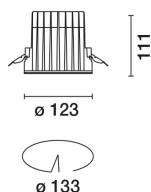


Last information update: May 2025

Product configuration: QM68.Y+PA55.01

QM68.Y: Minimal fixed recessed luminaire Ø 125 mm - Wide Flood beam - UGR < 19 - DALI

PA55.01: Minimal flange - For recessed ø 125 mm version - White

**Product code**QM68.Y: Minimal fixed recessed luminaire Ø 125 mm - Wide Flood beam - UGR < 19 - DALI **Attention! Code no longer in production****Technical description**

Fixed round recessed luminaire for C.o.B. LED lamp. UGR<19 controlled luminance light emission. Version without rim for mounting flush with ceiling. Die-cast aluminium recessed structure for installation in a specific adapter with a separate code is available for false ceilings. This is indispensable for installing recessed luminaires. Reflector vacuum-metallised with aluminium vapours and finished with a protective anti-scratch layer and anti-fall retaining system. DALI dimmable control gear unit included.

Installation

The luminaire is recessed in the adapter (PA55) by means of a steel wire spring, previously installed on the ceiling. A spring lock / unlock system simplifies installation and eventual maintenance operations.

Colour

Aluminium (12)

Weight (Kg)

0.95

Mounting

ceiling recessed

Wiring

Power line connections can be made on control gear terminal board included.

Notes

TPb rated

Complies with EN60598-1 and pertinent regulations

**Accessory code**PA55.01: Minimal flange - For recessed ø 125 mm version - White **Attention! Code no longer in production****Technical description**

Adapter for plasterboard false ceilings and rapid flush with ceiling installations, specifically for fixed and wall washer Reflex recessed luminaires. Made of plastic with a border for limiting plaster and holes for installation with screws and anchors suitable for plasterboard (included). Fastening the adapter to the installation surface does not require predefined panel thicknesses.

Installation

Preparation hole Ø 133 mm. Fastening the perforated perimeter rim to the installation surface (fixing screws included) - subsequent operations including filling, smoothing to the reference border and finishing - final insertion of the recessed luminaire (separate code) in the adapter.

Colour

White (01)

Weight (Kg)

0.06

Mounting

ceiling recessed

Complies with EN60598-1 and pertinent regulations

Technical data

lm system:	2186	CRI (minimum):	90
W system:	24.6	Colour temperature [K]:	3000
lm source:	2700	MacAdam Step:	2
W source:	21	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	88.8	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.) [%]:	81	Number of optical assemblies:	1
Beam angle [°]:	64°	Control:	DALI-2

<p>$\alpha = 64^\circ$</p>	CIE nL 0.81 96-100-100-100-81 UGR 19.1-19.1 DIN A.61 UTE 0.81A+0.00T F*1=961 F*1+F*2=1000 F*1+F*2+F*3=1000 CIBSE LG3 Lc1500 cd/m ² at 65°	Lux			
		h	d	Em	Emax
		2	2.5	414	542
		4	5	104	135
		6	7.5	46	60
	8	10	26	34	

R	77	75	73	71	55	53	33	00	DDR
K0.8	72	68	65	63	67	64	64	61	76
1.0	75	72	69	67	71	68	68	65	81
1.5	79	77	74	73	76	74	73	70	87
2.0	82	80	78	77	79	77	77	74	92
2.5	84	82	81	80	81	80	79	77	95
3.0	85	84	83	82	82	81	80	78	97
4.0	86	85	84	84	83	83	82	80	98
5.0	86	86	85	85	84	84	82	80	99

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

The graph displays two curves: a red dashed line labeled 'C0-180' and a blue solid line labeled 'C90-270'. The x-axis represents distance in cd/m^2 on a logarithmic scale, with major ticks at 10^2 , 10^3 , and 10^4 . The y-axis represents an angle in degrees, ranging from 45° to 85°. The red dashed line starts at approximately 85° for 10^2 and decreases to about 45° for 10^4 . The blue solid line starts at approximately 65° for 10^2 and decreases to about 45° for 10^4 . A legend at the bottom indicates that the red dashed line corresponds to 'C0-180' and the blue solid line corresponds to 'C90-270'.

UGR diagram

Corrected UGR values (at 2700 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise				
2H	2H	19.6	20.2	19.9	20.5	20.7	19.6	20.2	19.9	20.5	20.7
	3H	19.5	20.0	19.8	20.3	20.6	19.5	20.0	19.8	20.3	20.6
	4H	19.4	19.9	19.8	20.2	20.5	19.4	19.9	19.8	20.2	20.5
	6H	19.3	19.8	19.7	20.1	20.4	19.3	19.8	19.7	20.1	20.4
	8H	19.3	19.8	19.7	20.1	20.4	19.3	19.8	19.7	20.1	20.4
	12H	19.3	19.7	19.7	20.0	20.4	19.3	19.7	19.7	20.0	20.4
4H	2H	19.4	19.9	19.8	20.2	20.5	19.4	19.9	19.8	20.2	20.5
	3H	19.3	19.7	19.7	20.0	20.4	19.3	19.7	19.7	20.0	20.4
	4H	19.2	19.6	19.6	19.9	20.3	19.2	19.6	19.6	19.9	20.3
	6H	19.1	19.4	19.5	19.8	20.2	19.1	19.4	19.5	19.8	20.2
	8H	19.1	19.3	19.5	19.8	20.2	19.1	19.3	19.5	19.8	20.2
	12H	19.0	19.3	19.5	19.7	20.2	19.0	19.3	19.5	19.7	20.2
8H	4H	19.1	19.3	19.5	19.8	20.2	19.1	19.3	19.5	19.8	20.2
	6H	19.0	19.2	19.4	19.6	20.1	19.0	19.2	19.4	19.6	20.1
	8H	18.9	19.1	19.4	19.6	20.1	18.9	19.1	19.4	19.6	20.1
	12H	18.9	19.0	19.4	19.5	20.0	18.9	19.0	19.4	19.5	20.0
12H	4H	19.0	19.3	19.5	19.7	20.2	19.0	19.3	19.5	19.7	20.2
	6H	18.9	19.1	19.4	19.6	20.1	18.9	19.1	19.4	19.6	20.1
	8H	18.9	19.0	19.4	19.5	20.0	18.9	19.0	19.4	19.5	20.0
Variations with the observer position at spacing:											
S =		1.0H	4.7 / -26.2					4.7 / -26.2			
		1.5H	7.5 / -31.2					7.5 / -31.2			
		2.0H	9.5 / -31.4					9.5 / -31.4			