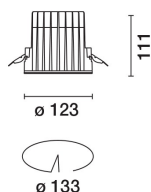


Last information update: May 2025

Product configuration: QM51.Y+PA55.01

QM51.Y: Minimal fixed recessed luminaire Ø 125 mm - Medium beam - UGR < 19 - ON-OFF.

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

**Product code**QM51.Y: Minimal fixed recessed luminaire Ø 125 mm - Medium beam - UGR < 19 - ON-OFF. **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. 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



IP20

IP43

On the visible part of the product once installed

**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:	3426
W system:	31.8
lm source:	3900
W source:	27
Luminous efficiency (lm/W, real value):	107.7
lm in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	88
Beam angle [°]:	24°

CRI (minimum):	80
Colour temperature [K]:	4000
MacAdam Step:	2
Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1

<p>Imax=9275 cd</p> <p>90° 180° 90°</p> <p>10500</p> <p>0°</p> <p>$\alpha = 24^\circ$</p>	CIE nL 0.88 98-100-100-100-88 UGR 19.2-19.2 DIN A.61 UTE 0.88A+0.00T F*1=97.8 F*1+F*2=999 F*1+F*2+F*3=1000 CIBSE LG3 L<1500 cd/m ² at 65°		Lux			
			h	d	Em	Emax
			2	0.9	1752	2319
			4	1.7	438	580
			6	2.6	195	258
		8	3.4	110	145	

	R	77	75	73	71	55	53	33	00	DRR
K0.8	79	74	71	69	74	71	70	68	77	
1.0	82	78	76	73	77	75	75	72	82	
1.5	86	84	81	79	83	81	80	77	88	
2.0	89	87	85	84	86	84	83	81	92	
2.5	91	89	88	87	88	87	86	84	95	
3.0	92	91	90	89	89	89	88	85	97	
4.0	93	92	92	91	91	90	89	87	99	
5.0	94	93	93	92	92	91	90	88	100	

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

UGR diagram

Corrected UGR values (at 3900 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	19.8	20.4	20.1	20.7	20.9	19.8	20.4	20.1	20.7	20.9
	3H	19.7	20.2	20.0	20.5	20.8	19.7	20.2	20.0	20.5	20.8
	4H	19.6	20.1	19.9	20.4	20.7	19.6	20.1	19.9	20.4	20.7
	6H	19.5	20.0	19.9	20.3	20.6	19.5	20.0	19.9	20.3	20.6
	8H	19.5	19.9	19.8	20.3	20.6	19.5	19.9	19.8	20.3	20.6
	12H	19.4	19.9	19.8	20.2	20.6	19.4	19.9	19.8	20.2	20.6
4H	2H	19.6	20.1	19.9	20.4	20.7	19.6	20.1	19.9	20.4	20.7
	3H	19.4	19.9	19.8	20.2	20.6	19.4	19.9	19.8	20.2	20.6
	4H	19.3	19.7	19.7	20.1	20.5	19.3	19.7	19.7	20.1	20.5
	6H	19.2	19.6	19.7	20.0	20.4	19.2	19.6	19.7	20.0	20.4
	8H	19.2	19.5	19.6	19.9	20.4	19.2	19.5	19.6	19.9	20.4
	12H	19.2	19.4	19.6	19.9	20.3	19.2	19.4	19.6	19.9	20.3
8H	4H	19.2	19.5	19.6	19.9	20.4	19.2	19.5	19.6	19.9	20.4
	6H	19.1	19.4	19.6	19.8	20.3	19.1	19.4	19.6	19.8	20.3
	8H	19.1	19.3	19.5	19.8	20.3	19.1	19.3	19.5	19.8	20.3
	12H	19.0	19.2	19.5	19.7	20.2	19.0	19.2	19.5	19.7	20.2
12H	4H	19.2	19.4	19.6	19.9	20.3	19.2	19.4	19.6	19.9	20.3
	6H	19.1	19.3	19.5	19.8	20.3	19.1	19.3	19.5	19.8	20.3
	8H	19.0	19.2	19.5	19.7	20.2	19.0	19.2	19.5	19.7	20.2
Variations with the observer position at spacing:											
S =		1.0H	4.4 / -24.6		4.4 / -24.6						
		1.5H	7.2 / -25.8		7.2 / -25.8						
		2.0H	9.2 / -26.2		9.2 / -26.2						