

Reflex

Design iGuzzini

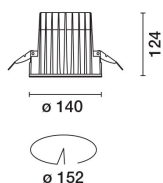
iGuzzini

Last information update: May 2025

Product configuration: QM75.Y+PA57.01

QM75.Y: Minimal fixed recessed luminaire Ø 153 mm - Wide Flood beam - UGR < 19 - ON-OFF.

PA57.01: Minimal flange - For recessed Ø 153 mm version - White



Product code

QM75.Y: Minimal fixed recessed luminaire Ø 153 mm - Wide Flood 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 (PA57) 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)

1.22

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

PA57.01: Minimal flange - For recessed Ø 153 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 152 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)

0.05

Mounting

ceiling recessed

Complies with EN60598-1 and pertinent regulations

Technical data

Im system:	3234	CRI (minimum):	80
W system:	29.7	Colour temperature [K]:	4000
Im source:	3900	MacAdam Step:	2
W source:	27	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	108.9	Lamp code:	LED
Im 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 [°]:	52°		

<p>imax=4542 cd</p> <p>90° 180° 90°</p> <p>5000</p> <p>0°</p> <p>$\alpha = 52^\circ$</p>	CIE nL 0.83 98-100-100-100-83 UGR 17.1-17.1		Lux			
	DIN A.61					
	UTE 0.83A+0.00T F*1=982 F*1+F*2=1000 F*1+F*2+F*3=1000		h	d	Em	E _{max}
			2	2	861	1136
			4	3.9	215	284
CIBSE LG3 L<1500 cd/m ² at 65° UGR<19 L<1500 cd/mq @65°		6	5.9	96	126	
		8	7.8	54	71	

R	77	75	73	71	55	53	33	00	DDR
K0.8	74	70	68	65	70	67	67	64	77
1.0	78	74	72	70	73	71	71	68	82
1.5	82	79	77	75	78	76	75	73	88
2.0	84	82	81	79	81	80	79	77	92
2.5	86	84	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	85	84	82	99
5.0	89	88	87	87	87	86	85	83	100

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

85
75
65
55
45

10⁻⁵ 2 3 8 10³ 3 4 5 6 8 10⁴

C0-180 C90-270 C0-360

1.15 1.50 1.85

cd/m²

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	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	0.30
		0.20	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	17.7	18.3	18.0	18.5	18.8	17.7	18.3	18.0	18.5	18.8	
	3H	17.6	18.1	17.9	18.4	18.7	17.6	18.1	17.9	18.4	18.7	
	4H	17.5	18.0	17.8	18.3	18.6	17.5	18.0	17.8	18.3	18.6	
	6H	17.4	17.9	17.8	18.2	18.5	17.4	17.9	17.8	18.2	18.5	
	8H	17.4	17.8	17.7	18.2	18.5	17.4	17.8	17.7	18.2	18.5	
	12H	17.3	17.8	17.7	18.1	18.5	17.3	17.8	17.7	18.1	18.5	
4H	2H	17.5	18.0	17.8	18.3	18.6	17.5	18.0	17.8	18.3	18.6	
	3H	17.3	17.8	17.7	18.1	18.5	17.3	17.8	17.7	18.1	18.5	
	4H	17.2	17.6	17.6	18.0	18.4	17.2	17.6	17.6	18.0	18.4	
	6H	17.2	17.5	17.6	17.9	18.3	17.2	17.5	17.6	17.9	18.3	
	8H	17.1	17.4	17.6	17.8	18.3	17.1	17.4	17.6	17.8	18.3	
	12H	17.1	17.3	17.5	17.8	18.2	17.1	17.3	17.5	17.8	18.2	
8H	4H	17.1	17.4	17.6	17.8	18.3	17.1	17.4	17.6	17.8	18.3	
	6H	17.0	17.3	17.5	17.7	18.2	17.0	17.3	17.5	17.7	18.2	
	8H	17.0	17.2	17.5	17.6	18.1	17.0	17.2	17.5	17.6	18.1	
	12H	16.9	17.1	17.4	17.6	18.1	16.9	17.1	17.4	17.6	18.1	
12H	4H	17.1	17.3	17.5	17.8	18.2	17.1	17.3	17.5	17.8	18.2	
	6H	17.0	17.2	17.5	17.6	18.1	17.0	17.2	17.5	17.6	18.1	
	8H	16.9	17.1	17.4	17.6	18.1	16.9	17.1	17.4	17.6	18.1	
Variations with the observer position at spacing:												
S =		1.0H	5.1 / -29.8					5.1 / -29.8				
		1.5H	7.9 / -30.2					7.9 / -30.2				
		2.0H	9.9 / -30.4					9.9 / -30.4				