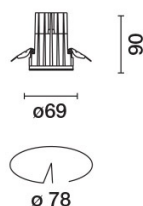


Product configuration: QM32.Y+PA51.01

PA51.01: Minimal flange - For recessed \varnothing 75 mm version - White



QM32.Y: Minimal fixed recessed luminaire Ø 75 mm - Medium 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.

The luminaire is recessed in the adapter (PA51) by means of a steel wire spring, previously installed on the ceiling. A spring lock / unlock system simplifies installation and eventual maintenance operations.

Colour	Weight (Kg)
Aluminium (12)	0.35

ceiling recessed

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

TPb rated

Complies with EN60598-1 and pertinent regulations



PA51.01: Minimal flange - For recessed ø 75 mm version - White **Attention! Code no longer in production**

Adapter for plasterboard false ceilings and rapid flush with ceiling installations, specifically for fixed 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.



Preparation Preparation hole Ø 78 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	Weight (Kg)
White (01)	0.05

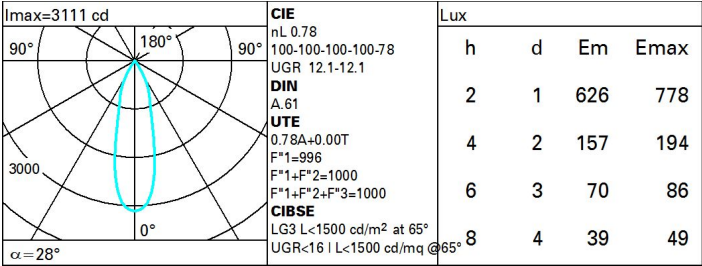
ceiling recessed

Complies with EN60598-1 and pertinent regulations

Technical data

Im system:	1051	CRI (minimum):	90
W system:	12.3	Colour temperature [K]:	3000
Im source:	1350	MacAdam Step:	2
W source:	10	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	85.4	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.) [%]:	78	Number of optical assemblies:	1
Beam angle [°]:	28°	Control:	DALI-2

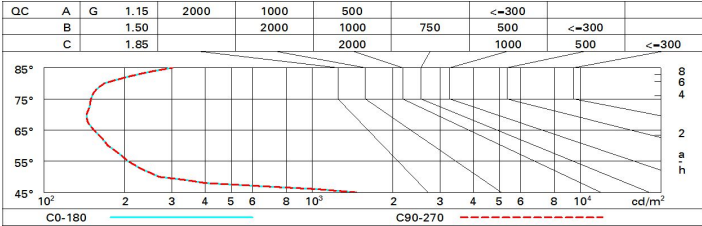
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	70	67	64	62	66	64	63	61	78
1.0	73	70	68	66	69	67	67	64	83
1.5	77	75	73	71	74	72	71	69	89
2.0	79	78	76	75	76	75	74	72	93
2.5	81	79	78	78	78	77	77	74	96
3.0	82	81	80	79	80	79	78	76	98
4.0	83	82	82	81	81	80	79	77	99
5.0	83	83	82	82	81	81	80	78	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 1350 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	13.0	15.0	13.4	15.3	15.6	13.0	15.0	13.4	15.3	15.6	
	3H	12.8	14.4	13.2	14.7	15.1	12.8	14.4	13.2	14.7	15.1	
	4H	12.8	14.2	13.2	14.5	14.8	12.8	14.2	13.1	14.5	14.8	
	6H	12.7	13.9	13.1	14.3	14.6	12.7	13.9	13.1	14.3	14.6	
	8H	12.6	13.8	13.0	14.2	14.6	12.6	13.8	13.0	14.2	14.6	
	12H	12.6	13.8	13.0	14.1	14.5	12.6	13.8	13.0	14.1	14.5	
4H	2H	12.8	14.2	13.1	14.5	14.8	12.8	14.2	13.2	14.5	14.8	
	3H	12.6	13.8	13.0	14.1	14.5	12.6	13.8	13.0	14.1	14.5	
	4H	12.5	13.6	12.9	14.0	14.4	12.5	13.6	12.9	14.0	14.4	
	6H	12.2	13.7	12.7	14.2	14.6	12.2	13.7	12.7	14.2	14.6	
	8H	12.1	13.8	12.6	14.3	14.7	12.1	13.8	12.6	14.3	14.7	
	12H	12.0	13.8	12.5	14.3	14.8	12.0	13.8	12.5	14.3	14.8	
8H	4H	12.1	13.8	12.6	14.3	14.7	12.1	13.8	12.6	14.3	14.7	
	6H	11.9	13.6	12.4	14.1	14.7	11.9	13.6	12.4	14.1	14.7	
	8H	11.9	13.5	12.4	13.9	14.5	11.9	13.5	12.4	13.9	14.5	
	12H	12.1	13.0	12.6	13.5	14.1	12.1	13.0	12.6	13.5	14.1	
12H	4H	12.0	13.8	12.5	14.3	14.8	12.0	13.8	12.5	14.3	14.8	
	6H	11.9	13.5	12.4	13.9	14.5	11.9	13.5	12.4	13.9	14.5	
	8H	12.1	13.0	12.6	13.5	14.1	12.1	13.0	12.6	13.5	14.1	
Variations with the observer position at spacing:												
S =		1.0H	6.3 / -21.8					6.3 / -21.8				
		1.5H	9.1 / -22.1					9.1 / -22.1				
		2.0H	11.1 / -22.3					11.1 / -22.3				