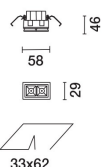


Last information update: May 2025

Product configuration: QX67

QX67: Minimal 2 cells - Flood - LED

**Product code**

QX67: Minimal 2 cells - Flood - LED

Technical description

Linear miniaturised recessed luminaire with 2 optical elements for LED lamps - fixed optic. Die-cast aluminium body, minimal version (frameless) installed flush with ceiling. For recessed installation in a false ceiling a specific adapter is required that is available with a separate item code. Metallised, thermoplastic, high definition OptiBeam reflector, integrated in a set-back position in the anti-glare screen. Connecting cable supplied. Ballast not included, available with separate code.

Installation

The recess body is inserted in the specific adapter installed previously by means of a steel wire spring - check the thickness of the false ceiling and use a compatible frame available with a separate item code.

Colour

White (01) | Black (04)

Weight (Kg)

0.09

Mounting

wall recessed|ceiling recessed|ceiling surface

Wiring

Constant current ballasts to be ordered separately: ON-OFF - code no. MXF9; DALI dimmable - code no. BZM4 - check the instruction sheet for the operating current setting and the compatible length and cross sections of the cables to be used.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	417	CRI (typical):	92
W system:	4	Colour temperature [K]:	4000
Im source:	490	MacAdam Step:	3
W source:	4	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	104.1	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.) [%]:	85	Number of optical assemblies:	1
Beam angle [°]:	32°	LED current [mA]:	700
CRI (minimum):	90		

Polar

I _{max} =1318 cd		CIE		Lux			
		nL 0.85		h	d	Em	E _{max}
		100-100-100-100-85		1	0.6	1006	1318
		UGR <10-10		2	1.1	252	330
		DIN		3	1.7	112	146
		A.61		4	2.3	63	82
		UTE					
α=32°		0.85A+0.00T					
		F*1=1000					
		F*1+F*2=1000					
		F*1+F*2+F*3=1000					
		CIBSE					
		LG3 L<1500 cd/m ² at 65°					
		UGR<10 L<1500 cd/mq @65°					

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	77	73	70	68	72	70	69	67	78
1.0	80	77	74	72	76	74	73	71	83
1.5	84	81	79	78	80	79	78	75	89
2.0	87	85	83	82	84	82	81	79	93
2.5	88	87	86	85	86	85	84	81	96
3.0	89	88	88	87	87	86	85	83	98
4.0	90	90	89	89	88	88	87	84	99
5.0	91	90	90	90	89	89	87	85	100

UGR diagram

Corrected UGR values (at 490 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling/cav		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											
x	y										
2H	2H	-2.5	-1.9	-2.2	-1.7	-1.5	-2.5	-1.9	-2.2	-1.7	-1.5
	3H	-2.6	-2.1	-2.3	-1.8	-1.6	-2.6	-2.1	-2.3	-1.8	-1.6
	4H	-2.7	-2.2	-2.3	-1.9	-1.6	-2.7	-2.2	-2.3	-1.9	-1.6
	6H	-2.7	-2.3	-2.4	-2.0	-1.7	-2.7	-2.3	-2.4	-2.0	-1.7
	8H	-2.8	-2.4	-2.4	-2.1	-1.7	-2.8	-2.4	-2.4	-2.1	-1.7
	12H	-2.8	-2.4	-2.4	-2.1	-1.7	-2.8	-2.4	-2.4	-2.1	-1.7
4H	2H	-2.7	-2.2	-2.3	-1.9	-1.6	-2.7	-2.2	-2.3	-1.9	-1.6
	3H	-2.8	-2.4	-2.4	-2.1	-1.7	-2.8	-2.4	-2.4	-2.1	-1.7
	4H	-2.9	-2.6	-2.5	-2.2	-1.8	-2.9	-2.6	-2.5	-2.2	-1.8
	6H	-3.0	-2.7	-2.6	-2.3	-1.9	-3.0	-2.7	-2.6	-2.3	-1.9
	8H	-3.0	-2.8	-2.6	-2.4	-1.9	-3.0	-2.8	-2.6	-2.4	-1.9
	12H	-3.1	-2.8	-2.6	-2.4	-2.0	-3.1	-2.8	-2.6	-2.4	-2.0
8H	4H	-3.0	-2.8	-2.6	-2.4	-1.9	-3.0	-2.8	-2.6	-2.4	-1.9
	6H	-3.1	-2.9	-2.7	-2.5	-2.0	-3.1	-2.9	-2.7	-2.5	-2.0
	8H	-3.2	-3.0	-2.7	-2.5	-2.0	-3.2	-3.0	-2.7	-2.5	-2.0
	12H	-3.2	-3.1	-2.7	-2.6	-2.1	-3.2	-3.1	-2.7	-2.6	-2.1
12H	4H	-3.1	-2.8	-2.6	-2.4	-2.0	-3.1	-2.8	-2.6	-2.4	-2.0
	6H	-3.2	-3.0	-2.7	-2.5	-2.0	-3.2	-3.0	-2.7	-2.5	-2.0
	8H	-3.2	-3.1	-2.7	-2.6	-2.1	-3.2	-3.1	-2.7	-2.6	-2.1
Variations with the observer position at spacing:											
S =		1.0H	0.9 / -25.5				0.9 / -25.5				
		1.5H	9.7 / -26.0				9.7 / -26.0				
		2.0H	11.7 / -26.8				11.7 / -26.8				