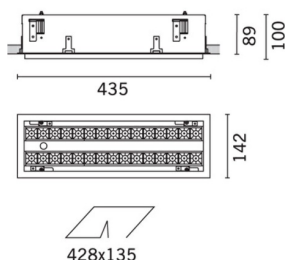


iGuzzini

Product configuration: MQ39

MQ39: Adjustable 2 x 15 - cell Recessed frame - LED - Warm white - DALI dimmable power supply - WideFlood Beam



MQ39: Adjustable 2 x 15 - cell Recessed frame - LED - Warm white - DALI dimmable power supply - WideFlood Beam

Recessed rectangular luminaire with LEDs. Shaped steel sheet structural compartment with outer rim. The two linear elements with 15 lighting cells, in die-cast aluminium and independently adjustable, can be used to direct the emission with a tilting adjustability of $\pm 30^\circ$. Metallised thermoplastic high definition optics, integrated in a rear position in the black anti-glare screen; the structure of the optical system prevents a pinpoint effect, allowing precise, circular light distribution and emission with controlled glare. Supplied with DALI dimmable control gear connected to the luminaire. Warm white LED.

recessed with mechanical blocking system for false ceilings from 1 to 25 mm; can be installed on ceilings and walls (vertical + horizontal) - preparation slot 135 x 428

Black / Black (43) | Black / White (47) | Grey / Black (74)*

* Colours on request

3.36

wall recessed|ceiling recessed

On power box: screw and quick release connections. The product is fitted with a separate control gear for each lighting body; possibility of separate switching

dimming function with pushbutton (TOUCH DIM/PUSH): for this option consult the instructions included in the package

Complies with EN60598-1 and pertinent regulations



Im system:	5103	MacAdam Step:	3
W system:	67.3	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Im source:	3150	Lamp code:	LED
W source:	29	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	75.8	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	2
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	81	Inrush current:	20 A / 50 µs
Beam angle [°]:	46°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 34 luminaires B16A: 55 luminaires C10A: 57 luminaires C16A: 93 luminaires
CRI (minimum):	90	Minimum dimming %:	1
CRI (typical):	92	Overvoltage protection:	2kV Common mode & 2kV Differential mode
Colour temperature [K]:	3000	Control:	DALI-2

--

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	73	70	67	65	69	66	66	64	78
1.0	76	73	71	69	72	70	70	67	83
1.5	80	78	76	74	77	75	74	72	89
2.0	83	81	79	78	80	78	78	75	93
2.5	84	83	82	81	82	81	80	78	96
3.0	85	84	83	83	83	82	81	79	98
4.0	86	85	85	84	84	84	82	81	99
5.0	87	86	86	86	85	84	83	81	100

UGR diagram

Corrected UGR values (at 3150 lm bare lamp luminous flux)											
Riflect.:		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		viewed crosswise					viewed endwise				
x	y										
2H	2H	0.6	1.0	0.8	1.3	1.5	0.6	1.0	0.8	1.3	1.5
	3H	0.4	0.9	0.7	1.1	1.4	0.4	0.9	0.7	1.1	1.4
	4H	0.4	0.8	0.7	1.0	1.3	0.4	0.8	0.7	1.0	1.3
	6H	0.3	0.7	0.6	1.0	1.3	0.3	0.6	0.6	1.0	1.3
	8H	0.2	0.6	0.6	0.9	1.3	0.2	0.6	0.6	0.9	1.3
	12H	0.2	0.5	0.6	0.9	1.2	0.2	0.5	0.6	0.9	1.2
4H	2H	0.4	0.8	0.7	1.0	1.3	0.4	0.8	0.7	1.0	1.3
	3H	0.2	0.5	0.6	0.9	1.2	0.2	0.5	0.6	0.9	1.2
	4H	0.1	0.4	0.5	0.8	1.2	0.1	0.4	0.5	0.8	1.2
	6H	0.0	0.3	0.4	0.7	1.1	0.0	0.3	0.4	0.7	1.1
	8H	-0.0	0.2	0.4	0.6	1.1	-0.0	0.2	0.4	0.6	1.1
	12H	-0.1	0.1	0.4	0.6	1.0	-0.1	0.1	0.4	0.6	1.0
8H	4H	-0.0	0.2	0.4	0.6	1.1	-0.0	0.2	0.4	0.6	1.1
	6H	-0.1	0.1	0.3	0.5	1.0	-0.1	0.1	0.3	0.5	1.0
	8H	-0.2	-0.0	0.3	0.5	1.0	-0.2	-0.0	0.3	0.5	1.0
	12H	-0.2	-0.1	0.3	0.4	0.9	-0.2	-0.1	0.3	0.4	0.9
12H	4H	-0.1	0.1	0.4	0.6	1.0	-0.1	0.1	0.4	0.6	1.0
	6H	-0.2	-0.0	0.3	0.5	1.0	-0.2	-0.0	0.3	0.5	1.0
	8H	-0.2	-0.1	0.3	0.4	0.9	-0.2	-0.1	0.3	0.4	0.9
Variations with the observer position at spacing:											
S =		1.0H	6.8 / -21.9				6.8 / -21.9				
		1.5H	9.7 / -22.0				9.7 / -22.0				
		2.0H	11.7 / -22.2				11.7 / -22.2				