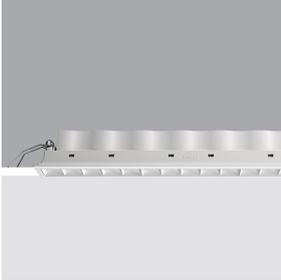


Last information update: March 2025

**Product configuration: MQ84.01**

MQ84.01: 15 - cell Recessed luminaire - LED - Warm white - Incorporated DALI dimmable power supply - Flood optic - White



**Product code**

MQ84.01: 15 - cell Recessed luminaire - LED - Warm white - Incorporated DALI dimmable power supply - Flood optic - White

**Technical description**

rectangular miniaturised recessed luminaire with 15 optical elements with LED lamps - fixed optics - flood beam angle. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. 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 electronic control gear connected to the luminaire. Warm white high colour rendering LED

**Installation**

recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 37 x 406

**Colour**  
White (01)

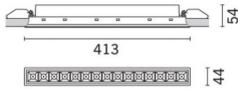
**Weight (Kg)**  
0.86

**Mounting**

wall recessed|ceiling recessed

**Wiring**

on control gear box with quick-coupling connections



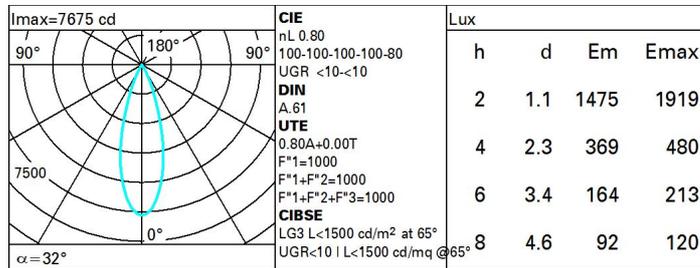
Complies with EN60598-1 and pertinent regulations



**Technical data**

Im system:	2236	CRI (typical):	97
W system:	35	Colour temperature [K]:	3000
Im source:	2800	MacAdam Step:	3
W source:	31	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	63.9	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.) [%]:	80	Number of optical assemblies:	1
Beam angle [°]:	31°	Control:	DALI-2
CRI (minimum):	95		

**Polar**



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	72	69	66	64	68	66	65	63	78
1.0	75	72	70	68	71	69	69	66	83
1.5	79	77	75	73	76	74	73	71	89
2.0	81	80	78	77	79	77	76	74	93
2.5	83	82	81	80	80	79	79	77	96
3.0	84	83	82	81	82	81	80	78	98
4.0	85	84	84	83	83	82	81	79	99
5.0	85	85	85	84	84	83	82	80	100

UGR diagram

Corrected UGR values (at 2800 lm bare lamp luminous flux)											
Reflect.:		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
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	-3.1	-2.6	-2.9	-2.4	-2.2	-3.1	-2.6	-2.9	-2.4	-2.2
	3H	-3.3	-2.8	-3.0	-2.5	-2.3	-3.3	-2.8	-3.0	-2.5	-2.3
	4H	-3.3	-2.9	-3.0	-2.6	-2.3	-3.3	-2.9	-3.0	-2.6	-2.3
	6H	-3.4	-3.0	-3.1	-2.7	-2.4	-3.4	-3.0	-3.1	-2.7	-2.4
	8H	-3.5	-3.1	-3.1	-2.7	-2.4	-3.5	-3.1	-3.1	-2.7	-2.4
	12H	-3.5	-3.1	-3.1	-2.8	-2.4	-3.5	-3.1	-3.1	-2.8	-2.4
4H	2H	-3.3	-2.9	-3.0	-2.6	-2.3	-3.3	-2.9	-3.0	-2.6	-2.3
	3H	-3.5	-3.1	-3.1	-2.8	-2.4	-3.5	-3.1	-3.1	-2.8	-2.4
	4H	-3.6	-3.3	-3.2	-2.9	-2.5	-3.6	-3.3	-3.2	-2.9	-2.5
	6H	-3.7	-3.4	-3.2	-3.0	-2.6	-3.7	-3.4	-3.2	-3.0	-2.6
	8H	-3.7	-3.5	-3.3	-3.0	-2.6	-3.7	-3.5	-3.3	-3.0	-2.6
	12H	-3.8	-3.5	-3.3	-3.1	-2.6	-3.8	-3.5	-3.3	-3.1	-2.6
8H	4H	-3.7	-3.5	-3.3	-3.0	-2.6	-3.7	-3.5	-3.3	-3.0	-2.6
	6H	-3.8	-3.6	-3.3	-3.1	-2.7	-3.8	-3.6	-3.3	-3.1	-2.7
	8H	-3.9	-3.7	-3.4	-3.2	-2.7	-3.9	-3.7	-3.4	-3.2	-2.7
	12H	-3.9	-3.8	-3.4	-3.3	-2.8	-3.9	-3.8	-3.4	-3.3	-2.8
12H	4H	-3.8	-3.5	-3.3	-3.1	-2.6	-3.8	-3.5	-3.3	-3.1	-2.6
	6H	-3.9	-3.7	-3.4	-3.2	-2.7	-3.9	-3.7	-3.4	-3.2	-2.7
	8H	-3.9	-3.8	-3.4	-3.3	-2.8	-3.9	-3.8	-3.4	-3.3	-2.8
Variations with the observer position at spacing:											
S =	1.0H	0.8 / -18.5					0.8 / -18.5				
	1.5H	9.6 / -18.7					9.6 / -18.7				
	2.0H	11.6 / -23.0					11.6 / -23.0				