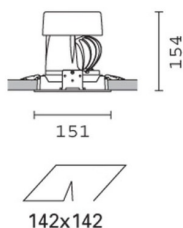
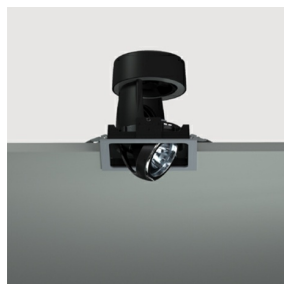


Last information update: May 2024

Product configuration: MP42+LED

MP42: square recessed luminaire - warm white active dissipation LED - integrated DALI control gear - flood

**Product code**MP42: square recessed luminaire - warm white active dissipation LED - integrated DALI control gear - flood **Attention! Code no longer in production****Technical description**

Recessed adjustable removable luminaire for LED lamp with active heat dissipation system. Square sheet steel perimeter frame. Main structure and lamp body made of die-cast aluminium. Steel rotation hinges. Chrome-plated aluminium lamp body closing ring. Forced heat dissipation using fan with magnetic anti-friction operation guaranteeing lasting efficiency and quietness, keeping LED lamp performance unchanged. The fan has an anti-dust protection system; safety thermal breaker and is set up for fast, easy replacement. Reflector with high efficiency super-pure aluminium optic - flood beam angle. Orientamento del corpo con dispositivo di manovra manuale: interno 29° - esterno 75° - rotazione sull'asse 355°. Supplied with DALI dimmable control gear connected to the luminaire. Warm white high colour rendering LEDs CRI (Ra) > 90.

Installation

recessed using steel springs for false ceilings with thicknesses starting at 1 mm; preparation slot 142 x 142 mm

Colour

White / Aluminium (39) | Grey / Black / Aluminium (E1)

Weight (Kg)

1.17

Mounting

ceiling recessed

Wiring

on control gear box with quick-coupling connections

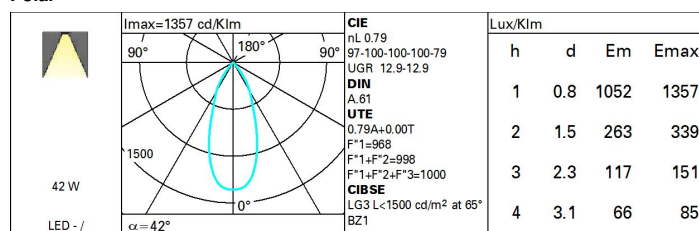
Complies with EN60598-1 and pertinent regulations



IP20

**Technical data**

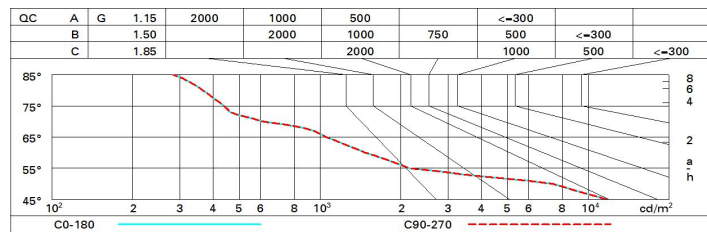
lm system:	2761.9	CRI:	90
W system:	42	Colour temperature [K]:	3000
lm source:	3500	MacAdam Step:	3
W source:	36	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	65.8	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	42°	Control:	DALI

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	70	66	64	61	66	63	63	60	76
1.0	73	70	67	66	69	67	67	64	81
1.5	77	75	73	71	74	72	71	69	87
2.0	80	78	77	75	77	76	75	72	92
2.5	82	80	79	78	79	78	77	75	95
3.0	83	82	81	80	80	79	78	76	97
4.0	84	83	82	82	81	81	80	78	99
5.0	84	84	83	83	82	82	80	79	100

Luminance curve limit



UGR diagram

Photometric curve code: Q1850000.RV1											
Uncorrected UGR values (at 1000 lm bare lamp luminous flux)											
Reflect.:											
ceiling	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	13.5	14.1	13.7	14.4	14.6	13.5	14.1	13.7	14.4	14.6
	3H	13.3	13.9	13.6	14.2	14.5	13.3	13.9	13.6	14.2	14.5
	4H	13.3	13.8	13.6	14.1	14.4	13.3	13.8	13.6	14.1	14.4
	6H	13.2	13.7	13.5	14.0	14.3	13.2	13.7	13.5	14.0	14.3
	8H	13.1	13.6	13.5	14.0	14.3	13.1	13.6	13.5	14.0	14.3
	12H	13.1	13.6	13.5	13.9	14.3	13.1	13.6	13.5	13.9	14.3
4H	2H	13.3	13.8	13.6	14.1	14.4	13.3	13.8	13.6	14.1	14.4
	3H	13.1	13.6	13.5	13.9	14.3	13.1	13.6	13.5	13.9	14.3
	4H	13.0	13.4	13.4	13.8	14.2	13.0	13.4	13.4	13.8	14.2
	6H	12.9	13.3	13.4	13.7	14.1	12.9	13.3	13.4	13.7	14.1
	8H	12.9	13.2	13.3	13.6	14.1	12.9	13.2	13.3	13.6	14.1
	12H	12.8	13.1	13.3	13.6	14.0	12.8	13.1	13.3	13.6	14.0
8H	4H	12.9	13.2	13.3	13.6	14.1	12.9	13.2	13.3	13.6	14.1
	6H	12.8	13.1	13.3	13.5	14.0	12.8	13.1	13.3	13.5	14.0
	8H	12.7	13.0	13.2	13.4	13.9	12.7	13.0	13.2	13.4	13.9
	12H	12.7	12.9	13.2	13.4	13.9	12.7	12.9	13.2	13.4	13.9
12H	4H	12.8	13.1	13.3	13.6	14.0	12.8	13.1	13.3	13.6	14.0
	6H	12.7	13.0	13.2	13.4	13.9	12.7	13.0	13.2	13.4	13.9
	8H	12.7	12.9	13.2	13.4	13.9	12.7	12.9	13.2	13.4	13.9
Variations with the observer position at spacing:											
S =	1.0H		5.1	/	-14.3		5.1	/	-14.3		
	1.5H		7.9	/	-16.4		7.9	/	-16.4		
	2.0H		9.9	/	-17.8		9.9	/	-17.8		