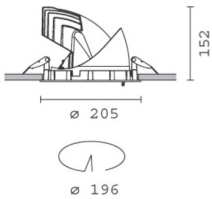


Last information update: April 2025

Product configuration: MU71

MU71: extractable, adjustable, recessed LED luminaire - DALI control gear included

**Product code**

MU71: extractable, adjustable, recessed LED luminaire - DALI control gear included

Technical description

Extractable, adjustable, recessed luminaire for warm white LED lamp. Passive heat dispersion system. Die-cast aluminium main body and frame; stainless steel rotation hinge. Rotation ring with safety cover in a high resistance thermoplastic material. Body adjusted with a manual manoeuvre device: internal 40° - external 65° - rotation on 355° axis. Reflector with high efficiency super-pure aluminium optic - wideflood beam angle. Die-cast aluminium lamp body closure ring. Tempered transparent glass screen. Dimmable DALI control gear supplied and connected to the luminaire.

Installationrecessed using steel springs in false ceilings with thicknesses starting at 1 mm; preparation hole \varnothing 195 mm

Colour
White (01)

Weight (Kg)
1.7

Mounting

ceiling recessed

Wiring

on control gear box with quick-coupling connections

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	4111	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	35.6	Lamp code:	LED
lm source:	5210	Number of lamps for optical assembly:	1
W source:	32	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	115.5	Number of optical assemblies:	1
lm in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	30 A / 200 μ s
Light Output Ratio (L.O.R.) [%]:	79	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 12 luminaires B16A: 20 luminaires C10A: 20 luminaires C16A: 34 luminaires
Beam angle [°]:	48°	Minimum dimming %:	1
CRI (minimum):	80	Overvoltage protection:	2kV Common mode & 2kV Differential mode
Colour temperature [K]:	3000	Control:	DALI-2
MacAdam Step:	2		

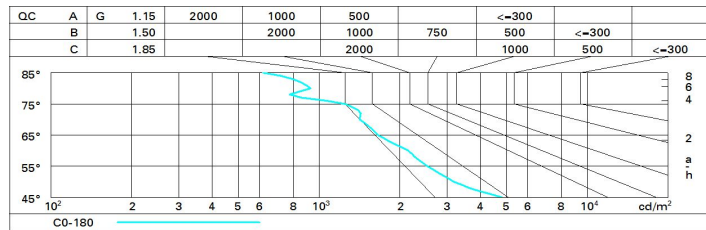
Polar

Imax=6709 cd	CIE nL 0.79 99-100-100-100-79 UGR 15.7-15.7 DIN A.61 UTE 0.79A+0.00T F*1=988 F*1+F*2=997 F*1+F*2+F*3=1000 CIBSE LG3 L<3000 cd/m ² at 65° UGR<16 L<3000 cd/mq @65°	Lux			
		h	d	Em	Emax
		2	1.8	1327	1677
		4	3.6	332	419
		6	5.3	147	186
		8	7.1	83	105

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	67	65	63	67	64	64	61	78
1.0	74	71	68	67	70	68	67	65	82
1.5	78	75	73	72	74	73	72	70	88
2.0	80	78	77	76	77	76	75	73	93
2.5	82	80	79	78	79	78	77	75	95
3.0	83	82	81	80	81	80	79	77	97
4.0	84	83	83	82	82	81	80	78	99
5.0	84	84	83	83	82	82	81	79	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 5210 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	10.2	10.8	10.5	17.0	17.3	10.2	10.8	10.5	17.0	17.3
	3H	10.1	10.6	10.4	10.9	17.2	10.1	10.6	10.4	10.9	17.2
	4H	10.1	10.5	10.4	10.8	17.1	10.1	10.5	10.4	10.8	17.1
	6H	10.0	10.4	10.3	10.7	17.1	10.0	10.4	10.3	10.7	17.0
	8H	10.0	10.4	10.3	10.7	17.0	15.9	10.4	10.3	10.7	17.0
12H	15.9	10.3	10.3	10.7	17.0	15.9	10.3	10.3	10.6	17.0	
4H	2H	10.1	10.5	10.4	10.8	17.1	10.1	10.5	10.4	10.8	17.1
	3H	15.9	10.3	10.3	10.7	17.0	15.9	10.3	10.3	10.7	17.0
	4H	15.8	10.2	10.2	10.6	10.9	15.8	10.2	10.2	10.6	10.9
	6H	15.8	10.1	10.2	10.5	10.9	15.8	10.1	10.2	10.5	10.9
	8H	15.7	10.0	10.2	10.4	10.9	15.7	10.0	10.2	10.4	10.8
12H	15.7	15.9	10.1	10.4	10.8	15.7	15.9	10.1	10.4	10.8	
8H	4H	15.7	10.0	10.2	10.4	10.8	15.7	10.0	10.2	10.4	10.9
	6H	15.6	15.9	10.1	10.3	10.8	15.6	15.9	10.1	10.3	10.8
	8H	15.6	15.8	10.1	10.2	10.7	15.6	15.8	10.1	10.2	10.7
	12H	15.5	15.7	10.0	10.2	10.7	15.5	15.7	10.0	10.2	10.7
12H	4H	15.7	15.9	10.1	10.4	10.8	15.7	15.9	10.1	10.4	10.8
	6H	15.6	15.8	10.1	10.2	10.7	15.6	15.8	10.1	10.2	10.7
	8H	15.5	15.7	10.0	10.2	10.7	15.5	15.7	10.0	10.2	10.7
Variations with the observer position at spacing:											
S =	1.0H	6.1 / -11.5					6.1 / -11.5				
	1.5H	8.9 / -12.3					8.9 / -12.3				
	2.0H	10.9 / -13.0					10.9 / -13.0				