

Last information update: April 2025

Product configuration: Q241

Q241: extractable, adjustable, recessed LED luminaire - DALI control gear included

**Product code**

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Technical description

Extractable, adjustable, recessed luminaire for neutral 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 - spot 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 125 mm

Colour
White (01)

Weight (Kg)
0.85

Mounting

ceiling recessed

Wiring

on control gear box with quick-coupling connections

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	2464	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	23.5	Lamp code:	LED
lm source:	3200	Number of lamps for optical assembly:	1
W source:	21	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	104.9	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:	18 A / 250 μ s
Light Output Ratio (L.O.R.) [%]:	77	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 21 luminaires B16A: 34 luminaires C10A: 35 luminaires C16A: 57 luminaires
Beam angle [°]:	18°	Minimum dimming %:	1
CRI (minimum):	80	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	4000	Control:	DALI-2
MacAdam Step:	2		

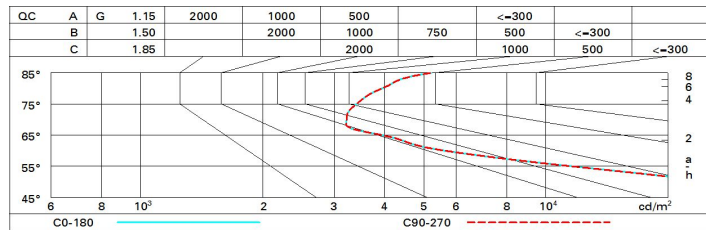
Polar

Imax=7893 cd	CIE nL 0.77 94-100-100-100-77 UGR 21.9-21.9 DIN A.61 UTE 0.77A+0.00T F*1=941 F*1+F*2=995 F*1+F*2+F*3=999	Lux			
		h	d	Em	Emax
	$\alpha = 18^\circ$	2	0.6	1573	1973
		4	1.3	393	493
		6	1.9	175	219
		8	2.5	98	123

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	68	63	61	58	63	60	60	57	74
1.0	71	67	65	63	66	64	64	61	79
1.5	75	72	70	68	71	69	69	66	86
2.0	78	76	74	73	75	73	72	70	91
2.5	79	78	76	75	77	75	75	72	94
3.0	80	79	78	77	78	77	76	74	96
4.0	81	80	80	79	79	79	77	75	98
5.0	82	81	81	80	80	79	78	76	99

Luminance curve limit



UGR diagram

Corrected UGR values (at 3200 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		viewed crosswise					viewed endwise				
x	y										
2H	2H	22.7	24.2	23.1	24.5	24.8	22.7	24.2	23.1	24.5	24.8
	3H	22.6	23.7	23.0	24.0	24.3	22.6	23.7	23.0	24.0	24.3
	4H	22.5	23.6	22.9	23.9	24.2	22.5	23.6	22.9	23.9	24.2
	6H	22.4	23.5	22.8	23.9	24.2	22.4	23.5	22.8	23.9	24.2
	8H	22.4	23.5	22.8	23.8	24.2	22.3	23.5	22.7	23.8	24.2
	12H	22.3	23.4	22.7	23.8	24.2	22.3	23.4	22.7	23.8	24.2
4H	2H	22.5	23.6	22.9	23.9	24.2	22.5	23.6	22.9	23.9	24.2
	3H	22.3	23.4	22.7	23.8	24.2	22.3	23.4	22.7	23.8	24.2
	4H	22.2	23.3	22.6	23.7	24.1	22.2	23.3	22.6	23.7	24.1
	6H	22.0	23.2	22.5	23.7	24.1	22.0	23.2	22.5	23.6	24.1
	8H	21.9	23.2	22.4	23.7	24.2	21.9	23.2	22.4	23.7	24.1
	12H	21.8	23.3	22.3	23.7	24.2	21.8	23.2	22.3	23.7	24.2
8H	4H	21.9	23.2	22.4	23.7	24.1	21.9	23.2	22.4	23.7	24.2
	6H	21.8	23.1	22.3	23.6	24.1	21.8	23.1	22.3	23.6	24.1
	8H	21.8	22.9	22.3	23.4	23.9	21.8	22.9	22.3	23.4	23.9
	12H	21.9	22.7	22.4	23.2	23.7	21.8	22.7	22.4	23.2	23.7
12H	4H	21.8	23.2	22.3	23.7	24.2	21.8	23.3	22.3	23.7	24.2
	6H	21.8	22.9	22.3	23.4	23.9	21.8	22.9	22.3	23.4	24.0
	8H	21.8	22.7	22.4	23.2	23.7	21.9	22.7	22.4	23.2	23.7
Variations with the observer position at spacing:											
S =	1.0H	3.8 / -10.2					3.8 / -10.2				
	1.5H	6.5 / -12.2					6.5 / -12.2				
	2.0H	8.5 / -12.7					8.5 / -12.7				