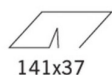


Product configuration: Q935

Q935: Frame recessed luminaire - 5 cells - General Lighting Pro - DALI



Q935: Frame recessed luminaire - 5 cells - General Lighting Pro - DALI

Rectangular recessed luminaire with 5 optical elements for LED lamps - fixed optics with metallised thermoplastic high definition Opti-Beam reflectors, integrated in a set-back position in the anti-glare screen. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. The total white finish and the patented technology of the optic system guarantee an even and efficient luminous flux optimised by a special diffuser screen that reduces direct glare significantly. Supplied with DALI dimmable electronic control gear connected to the luminaire. High colour rendering LED.

Recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 37 x 141.

Colour
White (01)

Weight (Kg)
0.3

mounting
wall recessed|ceiling recessed

On control gear box with quick-coupling connections.

Complies with EN60598-1 and pertinent regulations



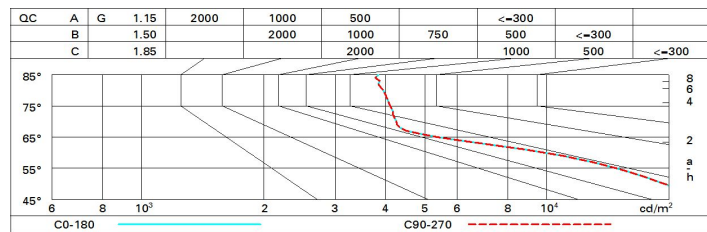
Im system:	720	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
W system:	13	Lamp code:	LED
Im source:	1000	Number of lamps for optical assembly:	1
W source:	10	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	55.4	Number of optical assemblies:	1
Im in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	20 A / 50 µs
Light Output Ratio (L.O.R.) [%]:	72	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 50 luminaires B16A: 80 luminaires C10A: 83 luminaires C16A: 136 luminaires
CRI (minimum):	95	Minimum dimming %:	1
CRI (typical):	97	Overvoltage protection:	2kV Common mode & 2kV Differential mode
Colour temperature [K]:	4000	Control:	DALI-2
MacAdam Step:	3		

	I_{max} =989 cd CIE nL 0.72 88-98-100-100-72 UGR 18.5-18.4 DIN A.61 UTE 0.72A+0.00T F*1=884 F*1+F*2=980 F*1+F*2+F*3=996	Lux		
	h	d	Em	E_{max}
	1	0.9	783	988
	2	1.8	196	247
	3	2.7	87	110
4	3.6	49	62	

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	61	57	54	52	56	53	53	50	70
1.0	65	61	58	56	60	57	57	54	75
1.5	69	66	64	62	65	63	62	60	83
2.0	72	69	68	66	68	67	66	64	88
2.5	73	72	70	69	70	69	68	66	92
3.0	74	73	72	71	72	71	70	68	94
4.0	75	74	74	73	73	72	71	69	96
5.0	76	75	74	74	74	73	72	70	97

Luminance curve limit



UGR diagram

Corrected UGR values (at 1000 lm bare lamp luminous flux)											
Reflect.:											
ceil/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					viewed				
x	y	crosswise					endwise				
2H	2H	18.3	19.0	18.6	19.2	19.5	18.3	19.0	18.6	19.2	19.5
	3H	18.3	18.9	18.7	19.2	19.5	18.4	19.0	18.7	19.2	19.5
	4H	18.4	18.9	18.7	19.2	19.5	18.3	18.9	18.6	19.2	19.5
	6H	18.4	18.9	18.7	19.2	19.5	18.2	18.8	18.6	19.1	19.4
	8H	18.4	18.9	18.7	19.2	19.6	18.2	18.7	18.6	19.1	19.4
	12H	18.4	18.9	18.7	19.2	19.5	18.2	18.7	18.6	19.0	19.4
4H	2H	18.3	18.9	18.6	19.2	19.5	18.4	18.9	18.7	19.2	19.5
	3H	18.4	18.9	18.8	19.2	19.6	18.5	18.9	18.8	19.3	19.6
	4H	18.5	18.9	18.9	19.2	19.6	18.5	18.9	18.9	19.2	19.6
	6H	18.5	18.9	18.9	19.3	19.7	18.4	18.8	18.9	19.2	19.6
	8H	18.5	18.9	19.0	19.3	19.7	18.4	18.7	18.8	19.2	19.6
	12H	18.5	18.9	19.0	19.3	19.7	18.4	18.7	18.8	19.1	19.6
8H	4H	18.4	18.7	18.8	19.2	19.6	18.5	18.9	19.0	19.3	19.7
	6H	18.5	18.8	19.0	19.2	19.7	18.6	18.8	19.0	19.3	19.8
	8H	18.6	18.8	19.1	19.3	19.8	18.6	18.8	19.1	19.3	19.8
	12H	18.6	18.8	19.1	19.3	19.8	18.6	18.8	19.1	19.3	19.8
12H	4H	18.4	18.7	18.8	19.1	19.6	18.5	18.9	19.0	19.3	19.7
	6H	18.5	18.7	19.0	19.2	19.7	18.6	18.8	19.1	19.3	19.8
	8H	18.6	18.8	19.1	19.3	19.8	18.6	18.8	19.1	19.3	19.8
Variations with the observer position at spacing:											
S =	1.0H	1.5 / -1.5					1.5 / -1.5				
	1.5H	3.1 / -3.4					3.1 / -3.4				
	2.0H	4.9 / -4.6					4.9 / -4.6				