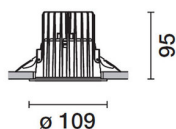


Last information update: July 2025

**Product configuration: Q961**

Q961: Fixed circular recessed luminaire - Ø 96 mm - warm white - white optic - DALI

**Product code**

Q961: Fixed circular recessed luminaire - Ø 96 mm - warm white - white optic - DALI

**Technical description**

Fixed round luminaire designed to use a LED lamp with C.O.B. technology. Version with rim for surface-mounting. Reflector painted white with a layer of anti-scratch protection. Die-cast aluminium body and passive dissipation system. Product complete with LED lamp in warm white colour tone (2700K). General lighting beam.

**Installation**

Recessed using torsion springs which allow easy installation in false ceilings with thicknesses ranging from 1 mm to 20 mm.

**Weight (Kg)**

0.65

**Mounting**

ceiling recessed

**Wiring**

product complete with DALI components

**Notes**

TPb rated

Complies with EN60598-1 and pertinent regulations



IP20

IP54



pending

**Technical data**

lm system:	1015	CRI (minimum):	90
W system:	14.1	Colour temperature [K]:	2700
lm source:	1550	MacAdam Step:	2
W source:	12	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	72	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.) [%]:	65	Number of optical assemblies:	1
Beam angle [°]:	74°	Control:	DALI

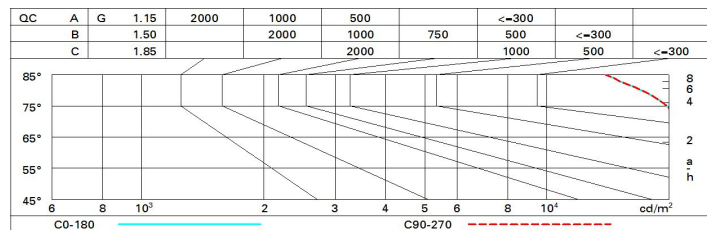
**Polar**

lmax=744 cd		<b>CIE</b> nL 0.65 76-92-98-100-65 UGR 25.1-24.8 <b>DIN</b> A.61 <b>UTE</b> 0.65B+0.00T F*1=764 F*1+F*2=918 F*1+F*2+F*3=983	<b>Lux</b>			
90°	180°		h	d	Em	Emax
			1	1.5	503	744
			2	3	126	186
			3	4.5	56	83
			4	6	31	47
α=74°						

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	52	47	44	41	46	43	43	40	61
1.0	55	51	48	45	50	47	47	44	67
1.5	60	57	54	52	56	53	53	50	76
2.0	63	60	58	56	59	57	57	54	82
2.5	65	63	61	59	61	60	59	57	86
3.0	66	64	63	61	63	62	61	58	89
4.0	67	66	65	64	65	64	63	60	92
5.0	68	67	66	65	66	65	64	62	94

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 1550 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
2H	2H	22.6	23.5	22.9	23.7	24.0	22.6	23.5	22.9	23.7	24.0
	3H	23.5	24.3	23.8	24.6	24.9	22.8	23.6	23.2	23.9	24.2
	4H	23.9	24.6	24.2	24.9	25.2	22.9	23.7	23.3	24.0	24.3
	6H	24.2	24.9	24.6	25.2	25.5	22.9	23.6	23.3	23.9	24.3
	8H	24.3	25.0	24.7	25.3	25.6	22.9	23.6	23.3	23.9	24.3
	12H	24.3	25.0	24.7	25.3	25.7	22.9	23.5	23.3	23.9	24.2
4H	2H	22.9	23.7	23.3	24.0	24.3	23.9	24.6	24.2	24.9	25.2
	3H	24.0	24.7	24.4	25.0	25.4	24.3	25.0	24.7	25.3	25.7
	4H	24.6	25.1	25.0	25.5	25.9	24.6	25.1	25.0	25.5	25.9
	6H	25.0	25.5	25.4	25.9	26.3	24.7	25.2	25.1	25.6	26.0
	8H	25.1	25.6	25.6	26.0	26.4	24.8	25.2	25.2	25.6	26.1
	12H	25.2	25.6	25.7	26.0	26.5	24.7	25.2	25.2	25.6	26.1
8H	4H	24.8	25.2	25.2	25.6	26.1	25.1	25.6	25.6	26.0	26.4
	6H	25.3	25.7	25.8	26.1	26.6	25.4	25.8	25.9	26.2	26.7
	8H	25.5	25.8	26.0	26.3	26.8	25.5	25.8	26.0	26.3	26.8
	12H	25.6	25.9	26.1	26.4	26.9	25.6	25.8	26.1	26.3	26.8
12H	4H	24.7	25.2	25.2	25.6	26.1	25.2	25.6	25.7	26.0	26.5
	6H	25.3	25.7	25.8	26.1	26.6	25.5	25.8	26.0	26.3	26.8
	8H	25.6	25.8	26.1	26.3	26.8	25.6	25.9	26.1	26.4	26.9
Variations with the observer position at spacing:											
S =	1.0H	0.9 / -0.6					0.9 / -0.6				
	1.5H	1.8 / -0.9					1.8 / -0.9				
	2.0H	3.0 / -1.1					3.0 / -1.1				