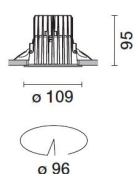
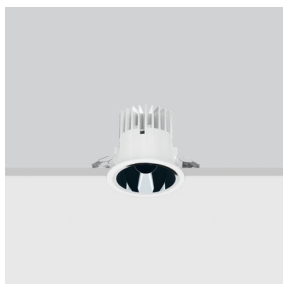


Last information update: October 2024

**Product configuration: Q041**

Q041: Fixed circular recessed luminaire - Ø 96 mm - neutral white - medium optic - UGR&lt;19

**Product code**

Q041: Fixed circular recessed luminaire - Ø 96 mm - neutral white - medium optic - UGR&lt;19

**Technical description**

Fixed round luminaire designed to use a LED lamp with C.O.B. technology. Version with rim for surface-mounting. Reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Die-cast aluminium body and passive dissipation system. Product complete with LED lamp in neutral white colour tone (4,000K). General light emission, with controlled luminance UGR<19 1500 cd/m<sup>2</sup> α>65° medium optic.

**Installation**

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

**Colour**

White / Aluminium (39)

**Mounting**

ceiling recessed

**Wiring**

product complete with 1-10V components

Complies with EN60598-1 and pertinent regulations



IP20

IP54

On the visible part of  
the product once installed**Technical data**

lm system:	1421	CRI (minimum):	80
W system:	14	Colour temperature [K]:	4000
lm source:	1950	MacAdam Step:	2
W source:	12	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	101.5	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.) [%]:	73	Number of optical assemblies:	1
Beam angle [°]:	24°	Control:	1-10V

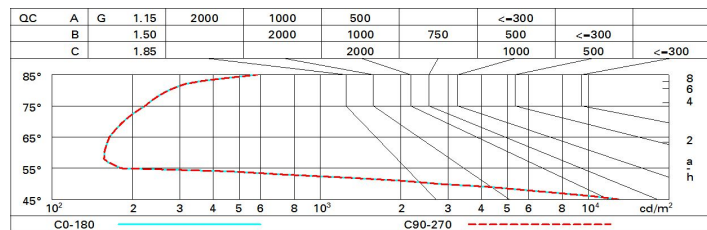
**Polar**

	CIE nL 0.73 97-100-100-100-73 UGR 17.1-17.1 DIN A.61 UTE 0.73A+0.00T F*1=973 F*1+F*2=999 F*1+F*2+F*3=1000 CIBSE LG3 L<1500 cd/m² at 65° UGR<19   L<1500 cd/mq @ 65°			
	Lux			
	h	d	Em	Emax
	2	0.9	861	1105
	4	1.7	215	276
	6	2.6	96	123
	8	3.4	54	69

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	65	61	59	57	61	58	58	56	77
1.0	68	65	62	61	64	62	62	59	81
1.5	72	69	67	66	68	67	66	64	88
2.0	74	72	71	70	71	70	69	67	92
2.5	75	74	73	72	73	72	71	69	95
3.0	76	75	75	74	74	73	73	71	97
4.0	77	76	76	75	75	75	74	72	99
5.0	78	77	77	76	76	76	74	73	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 1950 lm bare lamp luminous flux)											
Riflect.: ceil/cav walls work pl. Room dim x y		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
		viewed crosswise					viewed endwise				
2H	2H	17.9	19.6	18.3	19.9	20.2	17.9	19.6	18.3	19.9	20.2
	3H	17.8	19.1	18.2	19.4	19.7	17.8	19.1	18.2	19.4	19.7
	4H	17.7	18.9	18.1	19.2	19.5	17.7	18.9	18.1	19.2	19.5
	6H	17.6	18.8	18.0	19.1	19.5	17.6	18.8	18.0	19.1	19.5
	8H	17.6	18.7	18.0	19.1	19.4	17.6	18.7	18.0	19.1	19.4
	12H	17.5	18.6	17.9	19.0	19.4	17.5	18.6	17.9	19.0	19.4
4H	2H	17.7	18.9	18.1	19.2	19.5	17.7	18.9	18.1	19.2	19.5
	3H	17.5	18.6	17.9	19.0	19.4	17.5	18.6	17.9	19.0	19.4
	4H	17.4	18.4	17.8	18.8	19.2	17.4	18.4	17.8	18.8	19.2
	6H	17.2	18.5	17.7	18.9	19.4	17.2	18.5	17.7	18.9	19.4
	8H	17.1	18.5	17.6	18.9	19.4	17.1	18.5	17.6	18.9	19.4
	12H	16.9	18.5	17.4	19.0	19.5	16.9	18.5	17.4	19.0	19.5
8H	4H	17.1	18.5	17.6	18.9	19.4	17.1	18.5	17.6	18.9	19.4
	6H	16.9	18.4	17.4	18.9	19.4	16.9	18.4	17.4	18.9	19.4
	8H	16.9	18.2	17.4	18.7	19.2	16.9	18.2	17.4	18.7	19.2
	12H	17.0	17.9	17.5	18.4	18.9	17.0	17.9	17.5	18.4	18.9
12H	4H	16.9	18.5	17.4	19.0	19.5	16.9	18.5	17.4	19.0	19.5
	6H	16.9	18.2	17.4	18.7	19.2	16.9	18.2	17.4	18.7	19.2
	8H	17.0	17.9	17.5	18.4	18.9	17.0	17.9	17.5	18.4	18.9
Variations with the observer position at spacing:											
S =	1.0H	4.4 / -22.6					4.4 / -22.6				
	1.5H	7.2 / -22.8					7.2 / -22.8				
	2.0H	9.2 / -23.1					9.2 / -23.1				