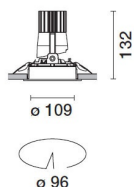


Product configuration: N075

N075: adjustable luminaire - Ø 96 mm - neutral white - medium optic - frame



N075: adjustable luminaire - Ø 96 mm - neutral white - medium optic - frame

Round adjustable luminaire designed to use an LED lamp with C.O.B. technology in a neutral white colour tone 4,000K (CRI 80). Version with rim for surface-mounting. Painted, die-cast aluminium body. Lower reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Anodised aluminium upper reflector. Black, zinc-plated sheet steel bracket. The luminaire can be rotated 30° relative to the horizontal plane and 358° about the vertical axis. The luminaire is fitted with mechanical locks for light beam aiming. Painted extruded aluminium dissipater.

Recessed using torsion springs which allow easy installation in false ceilings with thickness ranging from 1 mm to 25 mm.

Colour
White / Aluminium (39)

Weight (Kg)
0.49

ceiling recessed

Product complete with DALI components

Tpa rated

Complies with EN60598-1 and pertinent regulations



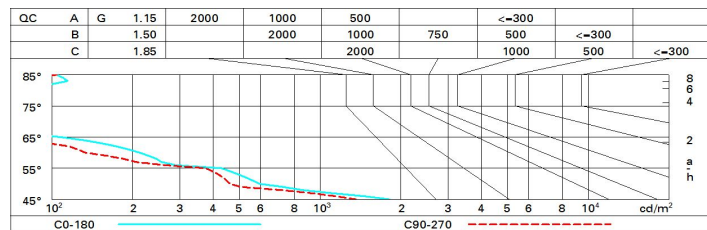
Im system:	734	CRI (minimum):	80
W system:	12.6	Colour temperature [K]:	4000
Im source:	1600	MacAdam Step:	2
W source:	10	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	58.2	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	46	Number of optical assemblies:	1
Beam angle [°]:	25°	Control:	DALI-2

	C0-180 nL 0.46 99-100-100-100-46 UGR <10-<10 DIN A.61 UTE 0.46A+0.00T F*1=995 F*1+F*2=1000 F*1+F*2+F*3=1000 CIBSE LG3 Lc1500 cd/m² at 65° UGR<10 Lc1500 cd/mq @65°					Lux				
	90°	180°	90°	h	d1	d2	Em	E _{max}		
	3000			2	0.9	0.9	630	837		
				4	1.8	1.8	158	209		
				6	2.7	2.7	70	93		
α=25°			8	3.5	3.5	39	52			

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	41	39	38	37	39	37	37	36	78
1.0	43	41	40	39	41	40	39	38	83
1.5	45	44	43	42	43	42	42	41	88
2.0	47	46	45	44	45	44	44	43	93
2.5	48	47	46	46	46	46	45	44	96
3.0	48	48	47	47	47	46	46	45	98
4.0	49	48	48	48	48	47	47	46	99
5.0	49	49	48	48	48	48	47	46	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 1000 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	0.6	2.7	1.0	3.1	3.4	0.2	2.4	0.6	2.7	3.0
	3H	0.4	2.1	0.8	2.4	2.8	0.1	1.8	0.5	2.1	2.5
	4H	0.4	1.8	0.8	2.1	2.5	0.0	1.4	0.4	1.8	2.1
	6H	0.3	1.4	0.7	1.7	2.1	0.0	1.1	0.4	1.4	1.8
	8H	0.3	1.3	0.7	1.7	2.1	-0.0	1.0	0.4	1.4	1.7
	12H	0.3	1.3	0.7	1.6	2.0	-0.1	0.9	0.3	1.3	1.7
4H	2H	0.4	1.8	0.8	2.1	2.5	0.0	1.4	0.4	1.8	2.1
	3H	0.3	1.3	0.7	1.6	2.0	-0.1	0.9	0.3	1.3	1.7
	4H	0.2	1.1	0.6	1.5	1.9	-0.2	0.8	0.2	1.2	1.6
	6H	-0.2	1.5	0.3	1.9	2.4	-0.6	1.1	-0.1	1.6	2.1
	8H	-0.3	1.6	0.1	2.0	2.5	-0.7	1.2	-0.2	1.7	2.2
	12H	-0.4	1.5	0.1	2.0	2.5	-0.8	1.2	-0.3	1.7	2.2
8H	4H	-0.4	1.5	0.1	2.0	2.5	-0.7	1.2	-0.2	1.7	2.2
	6H	-0.5	1.4	0.0	1.8	2.4	-0.8	1.0	-0.3	1.5	2.1
	8H	-0.5	1.2	0.0	1.7	2.2	-0.8	0.8	-0.3	1.3	1.9
	12H	-0.3	0.8	0.2	1.3	1.8	-0.7	0.4	-0.2	0.9	1.5
12H	4H	-0.5	1.5	0.0	2.0	2.5	-0.8	1.2	-0.3	1.7	2.2
	6H	-0.5	1.1	0.0	1.6	2.2	-0.8	0.8	-0.3	1.3	1.9
	8H	-0.3	0.8	0.2	1.3	1.8	-0.7	0.4	-0.1	0.9	1.5
Variations with the observer position at spacing:											
S =	1.0H	3.9 / -8.6					4.4 / -9.8				
	1.5H	6.7 / -13.5					7.2 / -11.8				
	2.0H	8.6 / -13.5					9.2 / -14.1				