

Reflex

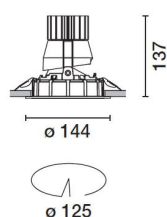
Design iGuzzini

iGuzzini

Last information update: May 2024

Product configuration: N082

N082: adjustable luminaire - Ø 125 mm - neutral white - flood optic - frame



Product code

N082: adjustable luminaire - Ø 125 mm - neutral white - flood optic - frame **Attention! Code no longer in production**

Technical description

Round adjustable luminaire designed to use an LED lamp with C.O.B. technology in a neutral white colour tone 4000K. 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.

Installation

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)

0.8

Mounting

ceiling recessed

Wiring

Product complete with electronic components

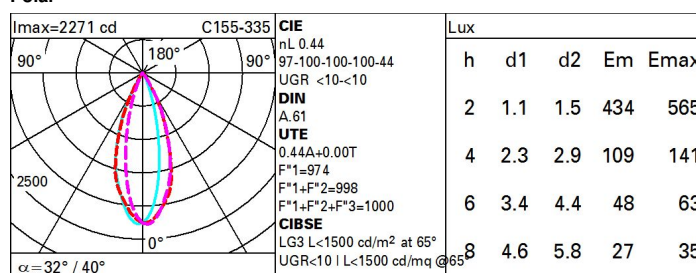
Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	901	CRI (minimum):	80
W system:	15.4	Colour temperature [K]:	4000
lm source:	2050	MacAdam Step:	2
W source:	13	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	58.5	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.) [%]:	44	Number of optical assemblies:	1
Beam angle [°]:	32° / 40°		

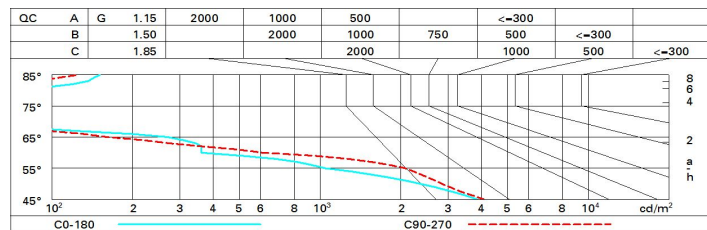
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	39	37	36	34	37	35	35	34	77
1.0	41	39	38	37	39	37	37	36	81
1.5	43	42	41	40	41	40	40	38	88
2.0	45	44	43	42	43	42	42	40	92
2.5	45	45	44	43	44	43	43	42	95
3.0	46	45	45	44	45	44	44	43	97
4.0	47	46	46	45	45	45	44	43	99
5.0	47	47	46	46	46	46	45	44	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 2050 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	3.0	4.2	3.9	4.4	4.7	10.5	11.1	10.8	11.3	11.0
	3H	3.5	4.0	3.8	4.3	4.6	10.4	10.9	10.7	11.2	11.5
	4H	3.4	3.9	3.8	4.2	4.5	10.3	10.8	10.6	11.1	11.4
	6H	3.4	3.8	3.7	4.1	4.5	10.2	10.7	10.6	11.0	11.3
	8H	3.3	3.8	3.7	4.1	4.4	10.2	10.6	10.5	11.0	11.3
	12H	3.3	3.7	3.7	4.1	4.4	10.2	10.6	10.5	10.9	11.3
4H	2H	3.7	4.2	4.0	4.5	4.8	10.3	10.8	10.6	11.1	11.4
	3H	3.6	4.0	4.0	4.4	4.7	10.2	10.6	10.5	10.9	11.3
	4H	3.5	3.9	3.9	4.3	4.7	10.1	10.5	10.5	10.8	11.2
	6H	3.5	3.8	3.9	4.2	4.6	10.0	10.3	10.4	10.7	11.1
	8H	3.4	3.7	3.9	4.1	4.6	10.0	10.3	10.4	10.7	11.1
	12H	3.4	3.6	3.8	4.1	4.5	9.9	10.2	10.4	10.6	11.1
8H	4H	3.4	3.7	3.8	4.1	4.6	10.0	10.3	10.4	10.7	11.1
	6H	3.3	3.6	3.8	4.0	4.5	9.9	10.1	10.3	10.6	11.0
	8H	3.3	3.5	3.8	4.0	4.5	9.8	10.0	10.3	10.5	11.0
	12H	3.2	3.4	3.7	3.9	4.4	9.8	9.9	10.3	10.4	10.9
12H	4H	3.4	3.6	3.8	4.1	4.5	9.9	10.2	10.4	10.6	11.1
	6H	3.3	3.5	3.8	4.0	4.5	9.8	10.0	10.3	10.5	11.0
	8H	3.2	3.4	3.7	3.9	4.4	9.8	9.9	10.3	10.4	10.9
Variations with the observer position at spacing:											
S =		1.0H					4.3 / -8.1				
		1.5H					6.0 / -8.2				
		2.0H					7.7 / -11.7				
							3.7 / -5.7				
							6.4 / -10.8				
							8.4 / -19.4				