Design iGuzzini

iGuzzini

Last information update: May 2024

Product configuration: N057+PA58.01

N057: adjustable luminaire - Ø 153 mm - neutral white - medium optic - minimal

PA58.01: Minimal flange - White



Product code

N057: adjustable luminaire - Ø 153 mm - neutral white - medium optic - minimal Attention! Code no longer in production

Technical description

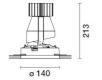
Round adjustable luminaire designed to use an LED lamp with C.O.B.technology in a neutral white colour tone 4000K. Version without rim for mounting flush with ceiling. Lower reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Anodised aluminium upper reflector. Black, 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

Installation flush with the ceiling is for false ceilings 12.5 mm thick

 Colour
 Weight (Kg)

 Aluminium (12)
 1.43



ø 152

Mounting

ceiling recessed

Wiring

Product complete with DALI components

Complies with EN60598-1 and pertinent regulations

















PA58.01: Minimal flange - White Attention! Code no longer in production

Technical description

Adapter for plasterboard false ceilings and rapid flush with ceiling installations, specifically for adjustable Reflex recessed luminaires. Made of plastic with a border for limiting plaster and holes for installation with screws and anchors suitable for plasterboard (included). Fastening the adapter to the installation surface does not require predefined panel thicknesses.

Installation

Preparation hole Ø 152 mm. Fastening the perforated perimeter rim to the installation surface (fixing screws included) - subsequent operations including filling, smoothing to the reference border and finishing - final insertion of the recessed luminaire (separate code) in the adapter.



Mounting

ceiling recessed

Complies with EN60598-1 and pertinent regulations

Technical data

Im system:	1857	CRI (minimum):	80		
W system:	23.5	Colour temperature [K]:	4000		
Im source:	3050	MacAdam Step:	2		
W source:	21	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)		
Luminous efficiency (Im/W,	79	Lamp code:	LED		
real value):		Number of lamps for optical	1		
Im in emergency mode:	-	assembly:			
Total light flux at or above	0	ZVEI Code:	LED		
an angle of 90° [Lm]:		Number of optical	1		
Light Output Ratio (L.O.R.)	61	assemblies:			
[%]:		Control:	DALI		
Beam angle [°]:	13° / 14°				



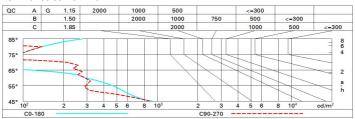
Polar

Imax=18573 cd C0-1	O CIE	Lux				
90° 180° 9	nL 0.61 0° 100-100-100-100-61	h	d1	d2	Em	Emax
	UGR <10-<10 DIN A.61 UTE	2	0.5	0.5	3596	4643
	0.61A+0.00T F"1=995	4	0.9	1	899	1161
20000	F"1+F"2=999 F"1+F"2+F"3=1000 CIBSE	6	1.4	1.5	400	516
α=13° / 14°	LG3 L<1500 cd/m² at 65° UGR<10 L<1500 cd/mq (₂₆₅ 8	1.8	2	225	290

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	55	52	50	49	52	50	49	48	78
1.0	57	55	53	52	54	53	52	50	83
1.5	60	58	57	56	58	56	56	54	88
2.0	62	61	60	59	60	59	58	57	93
2.5	63	62	61	61	61	61	60	58	96
3.0	64	63	63	62	62	62	61	59	98
4.0	65	64	64	63	63	63	62	60	99
5.0	65	65	64	64	64	63	62	61	100

Luminance curve limit



UGR diagram

1 4H 1 8H	7 I. I. J.	-3.0 -3.1 -3.1 -3.1 -3.1 -3.1 -3.2 -3.3 -3.4	0.70 0.30 0.20 -0.9 -1.7 -2.0 -2.3 -2.3 -2.2	0.50 0.50 0.20 viewed crosswis -2.7 -2.8 -2.8 -2.7 -2.7 -2.7		-0.30 0.20 -0.3 -1.0 -1.3 -1.6 -1.5	-0.7 -0.7 -0.8 -0.8 -0.8 -0.9 -1.0	0.70 0.30 0.20 1.4 0.7 0.3 -0.0 -0.0	0.50 0.50 0.20 viewed endwise -0.3 -0.4 -0.4 -0.5 -0.5	1.8 1.0 0.7 0.3 0.3	2.1 1.4 1.0 0.6 0.7
walls work pl. Room d x 2H 4H	2H 3H 4H 6H 8H 12H 2H 3H 4H 6H	-3.0 -3.1 -3.1 -3.1 -3.1 -3.1 -3.2 -3.3 -3.4	-0.90 -1.77 -2.00 -2.33 -2.22	0.50 0.20 viewed crosswis -2.7 -2.8 -2.7 -2.7 -2.7 -2.8	0.30 0.20 e -0.6 -1.3 -1.7 -2.0 -1.9 -1.8	-0.30 -0.20 -0.3 -1.0 -1.3 -1.6 -1.5	-0.7 -0.8 -0.8 -0.8 -0.9 -1.0	0.30 0.20 1.4 0.7 0.3 -0.0 -0.0	0.50 0.20 viewed endwise -0.3 -0.4 -0.4 -0.5 -0.5	1.8 1.0 0.7 0.3 0.3	2.1 1.4 1.0 0.6 0.7
2H 1 4H 1 8H	2H 3H 4H 6H 12H 2H 3H 4H 6H	-3.0 -3.1 -3.1 -3.1 -3.1 -3.2 -3.3 -3.4	-0.9 -1.7 -2.0 -2.3 -2.3 -2.2 -2.0 -2.4	-2.7 -2.8 -2.7 -2.7 -2.7 -2.7 -2.7 -2.8 -2.9	0.20 e -0.6 -1.3 -1.7 -2.0 -1.9 -1.8	-0.3 -1.0 -1.3 -1.6 -1.5	-0.7 -0.8 -0.8 -0.8 -0.9 -1.0	1.4 0.7 0.3 -0.0 -0.0	0.20 viewed endwise -0.3 -0.4 -0.4 -0.5 -0.5	1.8 1.0 0.7 0.3 0.3	2.1 1.4 1.0 0.6 0.7
2H 1 4H 1 8H	2H 3H 4H 6H 12H 2H 3H 4H 6H	-3.1 -3.1 -3.1 -3.1 -3.1 -3.2 -3.3 -3.4	-0.9 -1.7 -2.0 -2.3 -2.3 -2.2	-2.7 -2.8 -2.8 -2.7 -2.7 -2.7 -2.8 -2.9	-0.6 -1.3 -1.7 -2.0 -1.9 -1.8	-1.0 -1.3 -1.6 -1.6 -1.5	-0.8 -0.8 -0.8 -0.9 -1.0	1.4 0.7 0.3 -0.0 -0.0	-0.3 -0.4 -0.4 -0.5 -0.5	1.8 1.0 0.7 0.3 0.3	2.1 1.4 1.0 0.6 0.7
2H 1 4H 1 8H	2H 3H 4H 6H 8H 12H 2H 3H 4H 6H	-3.1 -3.1 -3.1 -3.1 -3.1 -3.2 -3.3 -3.4	-0.9 -1.7 -2.0 -2.3 -2.3 -2.2	-2.7 -2.8 -2.8 -2.7 -2.7 -2.7 -2.8 -2.9	-0.6 -1.3 -1.7 -2.0 -1.9 -1.8	-1.0 -1.3 -1.6 -1.6 -1.5	-0.8 -0.8 -0.8 -0.9 -1.0	1.4 0.7 0.3 -0.0 -0.0	-0.3 -0.4 -0.4 -0.5 -0.5	1.8 1.0 0.7 0.3 0.3	1.4 1.0 0.6 0.7 0.7
1 4H 1 8H	3H 4H 6H 8H 12H 2H 3H 4H 6H	-3.1 -3.1 -3.1 -3.1 -3.1 -3.2 -3.3 -3.4	-1.7 -2.0 -2.3 -2.3 -2.2 -2.0 -2.4	-2.8 -2.7 -2.7 -2.7 -2.7 -2.8 -2.9	-1.3 -1.7 -2.0 -1.9 -1.8	-1.0 -1.3 -1.6 -1.6 -1.5	-0.8 -0.8 -0.8 -0.9 -1.0	0.7 0.3 -0.0 -0.0 -0.1	-0.4 -0.4 -0.5 -0.5 -0.6	1.0 0.7 0.3 0.3	1.4 1.0 0.6 0.7 0.7
1 4H 1 8H	4H 6H 8H 12H 2H 3H 4H 6H	-3.1 -3.1 -3.1 -3.1 -3.2 -3.3 -3.4	-2.0 -2.3 -2.3 -2.2 -2.0 -2.4	-2.8 -2.7 -2.7 -2.7 -2.8 -2.9	-1.7 -2.0 -1.9 -1.8	-1.3 -1.6 -1.6 -1.5	-0.8 -0.8 -0.9 -1.0	0.3 -0.0 -0.0 -0.1	-0.4 -0.5 -0.5 -0.6	0.7 0.3 0.3 0.3	1.0 0.6 0.7 0.7
1 4H 1	6H 8H 12H 2H 3H 4H 6H	-3.1 -3.1 -3.1 -3.2 -3.3 -3.4	-2.3 -2.3 -2.2 -2.0 -2.4	-2.7 -2.7 -2.7 -2.8 -2.9	-2.0 -1.9 -1.8	-1.6 -1.6 -1.5	-0.8 -0.9 -1.0	-0.0 -0.0 -0.1	-0.5 -0.5 -0.6	0.3 0.3 0.3	0.6 0.7 0.7
1 4H 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8H 12H 2H 3H 4H 6H	-3.1 -3.1 -3.2 -3.3 -3.4	-2.3 -2.2 -2.0 -2.4	-2.7 -2.7 -2.8 -2.9	-1.9 -1.8	-1.6 -1.5	-0.9 -1.0	-0.0 -0.1	-0.5 -0.6	0.3	0.7
1 4H 1 8H	12H 2H 3H 4H 6H	-3.1 -3.2 -3.3 -3.4	-2.2 -2.0 -2.4	-2.7 -2.8 -2.9	-1.8 -1.7	-1.5 -1.3	-1.0	-0.1	-0.6	0.3	0.7
4H 1	2H 3H 4H 6H	-3.2 -3.3 -3.4	-2.0 -2.4	-2.8 -2.9	-1.7	-1.3	(C-000)	3/5.1	1000000	181400	.000
1 8H	3H 4H 6H	-3.3 -3.4	-2.4	-2.9			-0.8	0.4	0.4	1000	
1 8H	4H 6H	-3.4			-20				-0.4	0.7	1.0
1 8H	бН	1000	-24			-1.6	-0.9	-0.0	-0.5	0.3	0.7
1 8H			-2.4	-3.0	-2.0	-1.6	-1.1	-0.1	-0.7	0.3	0.7
1 8H		-3.7	-1.9	-3.2	-1.5	-1.0	-1.4	0.3	-1.0	0.7	1.2
8Н	HS	-3.6	-1.7	-3.1	-1.2	-0.7	-1.6	0.4	-1.1	8.0	1.3
	12H	-3.5	-1.6	-3.0	-1.1	-0.6	-1.7	0.3	-1.2	8.0	1.3
	4H	-3.9	-1.9	-3.4	-1.5	-1.0	-1.5	0.4	-1.0	0.9	1.4
	бН	-3.8	-2.1	-3.3	-1.6	-1.0	-1.6	0.1	-1.1	0.6	1.2
1	H8	-3.5	-2.1	-3.0	-1.6	-1.0	-1.6	-0.1	-1.0	0.4	0.9
	12H	-3.0	-2.0	-2.5	-1.5	-1.0	-1.4	-0.5	-0.9	0.0	0.6
12H	4H	-3.9	-2.0	-3.4	-1.5	-1.0	-1.6	0.3	-1.1	8.0	1.3
	бН	-3.8	-2.3	-3.2	-1.8	-1.3	-1.6	-0.1	-1.0	0.4	0.9
	H8	-3.3	-2.3	-2.8	-1.8	-1.3	-1.4	-0.4	-0.9	0.1	0.6
Variatio	ns wi	th the ol	bserver	osition	at spacir	ng:					
	1.0H		3	6.6 / -3	8.				.4 / -9.		
1	1.5H		6	5.1 / -4	.7			9	.1 / -9.	8.	