Reflex

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Last information update: May 2024

Product configuration: N217+PA55.01

N217: Fixed circular recessed luminaire - Ø125 mm - warm white - wide flood optic - UGR<19

PA55.01: Minimal flange - White



Product code

N217: Fixed circular recessed luminaire - Ø125 mm - warm white - wide flood optic - UGR<19 Attention! Code no longer in

Technical description

Fixed round luminaire designed to use a LED lamp with C.O.B. technology. Version without rim for mounting flush with ceiling. 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 warm white colour tone (3000K). General light emission, with controlled luminance UGR<19 1500 cd/m2 α>65° wide flood optic.

Installation

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

Colour Weight (Kg) Aluminium (12) 1.08



ø 123



Mounting

ceiling recessed

Wiring

product complete with an electronic ballast

Complies with EN60598-1 and pertinent regulations



IP20



On the visible part of the product once installed













PA55.01: Minimal flange - White Attention! Code no longer in production

Technical description

Adapter for plasterboard false ceilings and rapid flush with ceiling installations, specifically for fixed and wall washer 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 133 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.

Colour	Weight (Kg)
White (01)	0.06

Mounting

ceiling recessed

Complies with EN60598-1 and pertinent regulations

Technical data

Im system:	2429	CRI (minimum):	80
W system:	23.7	Colour temperature [K]:	3000
Im source:	3000	MacAdam Step:	2
W source:	21	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W,	102.5	Lamp code:	LED
real value):		Number of lamps for optical	1
Im in emergency mode:	-	assembly:	
	0	ZVEI Code:	LED
an angle of 90° [Lm]:		Number of optical	1
Light Output Ratio (L.O.R.) [%]:	81	assemblies:	
Beam angle [°]:	64°		



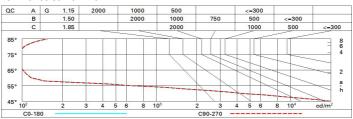
Polar

lmax=2408 cd	CIE	Lux			
90°	nL 0.81 96-100-100-100-81	h	d	Em	Emax
	UGR 19.4-19.4 DIN A.61 UTE	2	2.5	460	602
	0.81A+0.00T F"1=961	4	5	115	151
2500	F"1+F"2=1000 F"1+F"2+F"3=1000	6	7.5	51	67
α=64°	LG3 L<1500 cd/m ² at 65°	8	10	29	38

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	72	68	65	63	67	64	64	61	76
1.0	75	72	69	67	71	68	68	65	81
1.5	79	77	74	73	76	74	73	70	87
2.0	82	80	78	77	79	77	77	74	92
2.5	84	82	81	80	81	80	79	77	95
3.0	85	84	83	82	82	81	80	78	97
4.0	86	85	84	84	83	83	82	80	98
5.0	86	86	85	85	84	84	82	80	99

Luminance curve limit



UGR diagram

2H : 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2H 3H 4H 6H 3H 6H 8H	20.0 19.9 19.7 19.6 19.8 19.7 19.6 19.8 19.6 19.6 19.5 19.4	20.6 20.4 20.3 20.2 20.1 20.1 20.3 20.1 19.9 19.8	0.50 0.50 0.20 viewed crosswis 20.3 20.2 20.1 20.0 20.0 20.0	20.8 20.7 20.6 20.5 20.4 20.4 20.6 20.6	21.1 20.9 20.8 20.8 20.8 20.9 20.8	20.0 19.9 19.7 19.6 19.8 19.7	0.70 0.30 0.20 20.6 20.4 20.3 20.2 20.1 20.3 20.3	0.50 0.50 0.20 viewed endwise 20.3 20.2 20.1 20.0 20.0	20.8 20.7 20.6 20.4 20.4	0.30 0.30 0.20 21.1 20.9 20.8 20.8 20.8 20.8
work pl. Room di x 2H 1 4H 1 8H	2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	0.20 20.0 19.9 19.8 19.7 19.6 19.6 19.6 19.5	20.6 20.4 20.3 20.2 20.1 20.1 20.3 20.1 19.9	0.20 viewed crosswis 20.3 20.2 20.1 20.0 20.0 20.0	0.20 e 20.8 20.7 20.6 20.5 20.4 20.4	21.1 20.9 20.9 20.8 20.8 20.8	20.0 19.9 19.8 19.7 19.7 19.6	20.6 20.4 20.3 20.2 20.1 20.1	0.20 viewed endwise 20.3 20.2 20.1 20.1 20.0 20.0	20.8 20.7 20.6 20.5 20.4 20.4	21.1 20.9 20.8 20.8 20.8
Room di x 2H : 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	20.0 19.9 19.8 19.7 19.6 19.6 19.6 19.6	20.6 20.4 20.3 20.2 20.1 20.1 20.3 20.1 19.9	20.3 20.2 20.1 20.0 20.0 20.0	20.8 20.7 20.6 20.5 20.4 20.4 20.6 20.6	21.1 20.9 20.9 20.8 20.8 20.8	20.0 19.9 19.8 19.7 19.7 19.6	20.6 20.4 20.3 20.2 20.1 20.1	20.3 20.2 20.1 20.1 20.0 20.0	20.8 20.7 20.6 20.5 20.4 20.4	21.1 20.9 20.9 20.8 20.8 20.8
X 2H : 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	19.9 19.8 19.7 19.7 19.6 19.8 19.6 19.6 19.5	20.6 20.4 20.3 20.2 20.1 20.1 20.3 20.1 19.9	20.3 20.2 20.1 20.1 20.0 20.0 20.0	20.8 20.7 20.6 20.5 20.4 20.4 20.6 20.6	20.9 20.8 20.8 20.8 20.8	19.9 19.8 19.7 19.7 19.6	20.6 20.4 20.3 20.2 20.1 20.1	20.3 20.2 20.1 20.1 20.0 20.0	20.8 20.7 20.6 20.5 20.4 20.4	20.9 20.8 20.8 20.8 20.9
2H : 1	2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	19.9 19.8 19.7 19.7 19.6 19.8 19.6 19.6 19.5	20.6 20.4 20.3 20.2 20.1 20.1 20.3 20.1 19.9	20.3 20.2 20.1 20.1 20.0 20.0 20.0	20.8 20.7 20.6 20.5 20.4 20.4 20.6 20.6	20.9 20.8 20.8 20.8 20.8	19.9 19.8 19.7 19.7 19.6	20.6 20.4 20.3 20.2 20.1 20.1	20.3 20.2 20.1 20.1 20.0 20.0	20.8 20.7 20.6 20.5 20.4 20.4	20.9 20.8 20.8 20.8 20.8
11 4H :	3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	19.9 19.8 19.7 19.7 19.6 19.8 19.6 19.6 19.5	20.4 20.3 20.2 20.1 20.1 20.3 20.1 19.9	20.2 20.1 20.1 20.0 20.0 20.0	20.7 20.6 20.5 20.4 20.4 20.4	20.9 20.8 20.8 20.8 20.8	19.9 19.8 19.7 19.7 19.6	20.4 20.3 20.2 20.1 20.1	20.2 20.1 20.1 20.0 20.0	20.7 20.6 20.5 20.4 20.4	20.9 20.8 20.8 20.8 20.8
1 4H :	4H 6H 8H 12H 2H 3H 4H 6H 8H	19.8 19.7 19.7 19.6 19.8 19.6 19.6 19.5	20.3 20.2 20.1 20.1 20.3 20.1 19.9	20.1 20.0 20.0 20.0 20.1 20.0	20.6 20.5 20.4 20.4 20.6 20.4	20.9 20.8 20.8 20.8 20.8	19.8 19.7 19.7 19.6	20.3 20.2 20.1 20.1 20.3	20.1 20.1 20.0 20.0	20.6 20.5 20.4 20.4 20.6	20.8 20.8 20.8 20.8
11 4H :	6H 8H 12H 2H 3H 4H 6H 8H	19.7 19.7 19.6 19.8 19.6 19.6 19.5	20.2 20.1 20.1 20.3 20.1 19.9	20.1 20.0 20.0 20.1 20.0	20.5 20.4 20.4 20.6 20.6	20.8 20.8 20.8 20.9	19.7 19.7 19.6	20.2 20.1 20.1 20.3	20.1 20.0 20.0 20.1	20.5 20.4 20.4 20.6	20.8 20.8 20.8
11 4H :	2H 3H 4H 6H 8H	19.7 19.6 19.8 19.6 19.6 19.5	20.1 20.1 20.3 20.1 19.9	20.0 20.0 20.1 20.0	20.4 20.4 20.6 20.4	20.8 20.9	19.7 19.6 19.8	20.1 20.1 20.3	20.0 20.1	20.4 20.4 20.6	20.8
1 4H : 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2H 3H 4H 6H 8H	19.6 19.8 19.6 19.6 19.5	20.1 20.3 20.1 19.9	20.0 20.1 20.0	20.4 20.6 20.4	20.8	19.6 19.8	20.1	20.0	20.4	20.8
4H :	2H 3H 4H 6H 8H	19.8 19.6 19.6 19.5	20.3 20.1 19.9	20.1	20.6	20.9	19.8	20.3	20.1	20.6	20.9
1 8H	3H 4H 6H 8H	19.6 19.6 19.5	20.1 19.9	20.0	20.4						
1 8H	4H 6H 8H	19.6 19.5	19.9			8.02	19.6	20.1	20.0	20.4	20.8
1 8H	6H 8H	19.5		20.0	20.2			20.1	20.0	20.4	20.0
1 8H (HS		198		20.3	20.7	19.6	19.9	20.0	20.3	20.7
18H		10 4	10.0	19.9	20.2	20.6	19.5	19.8	19.9	20.2	20.6
8H (19.4	19.7	19.9	20.1	20.6	19.4	19.7	19.9	20.1	20.6
1	12H	19.4	19.6	19.8	20.1	20.5	19.4	19.6	19.8	20.1	20.5
1	4H	19.4	19.7	19.9	20.1	20.6	19.4	19.7	19.9	20.1	20.6
1	бН	19.3	19.6	19.8	20.0	20.5	19.3	19.6	19.8	20.0	20.5
	H8	19.3	19.5	19.8	19.9	20.4	19.3	19.5	19.8	19.9	20.4
100	12H	19.2	19.4	19.7	19.9	20.4	19.2	19.4	19.7	19.9	20.4
12H	4H	19.4	19.6	19.8	20.1	20.5	19.4	19.6	19.8	20.1	20.5
(бН	19.3	19.5	19.8	19.9	20.4	19.3	19.5	19.8	19.9	20.4
	HS	19.2	19.4	19.7	19.9	20.4	19.2	19.4	19.7	19.9	20.4
Variation	ns wi	th the ob	oserver p	osition	at spacin	ng:					
S = 1.	1.0H		4.	7 / -26	.2			4.	7 / -26	.2	
1.	1.5H		7.	5 / -31	.2			7.	5 / -31	.2	