Design iGuzzini

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Last information update: April 2025

Product configuration: N224

N224: Fixed circular recessed luminaire - Ø212 mm - neutral white - flood optic - UGR<19



Product code

N224: Fixed circular recessed luminaire - Ø212 mm - neutral white - flood optic - UGR<19 Attention! Code no longer in production

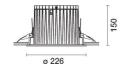
Technical description

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/m2 c>65° flood optic.

Installation

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

Colour Weight (Kg)
White / Aluminium (39) 1.95



ø 212

Mounting

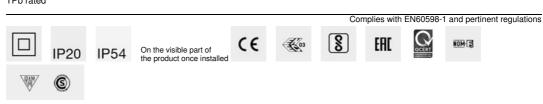
ceiling recessed

Wiring

product complete with an electronic ballast

Notes

TPb rated



Technical data

Im system:	4378	CRI (minimum):	80		
W system:	35.4	Colour temperature [K]:	4000		
Im source:	5150	MacAdam Step:	2		
W source:	31	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)		
Luminous efficiency (lm/W,	123.7	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.) [%]:	85	assemblies:			
Beam angle [°]:	26°				

Polar

Imax=16922 cd	CIE	Lux			
90° 180° 90°	nL 0.85 100-100-100-100-85 UGR 11.7-11.7	h	d	Em	Emax
	DIN A.61	2	0.9	3538	4229
	UTE 0.85A+0.00T F"1=999	4	1.8	885	1057
17500	F"1+F"2=1000 F"1+F"2+F"3=1000 CIBSE	6	2.8	393	470
α=26°	LG3 L<1500 cd/m² at 65° UGR<16 L<1500 cd/mq @	_{65°} 8	3.7	221	264

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	77	73	70	68	72	70	69	67	78
1.0	80	77	74	72	76	74	73	71	83
1.5	84	81	79	78	80	79	78	75	89
2.0	87	85	83	82	84	82	81	79	93
2.5	88	87	86	85	86	85	84	81	96
3.0	89	88	87	87	87	86	85	83	98
4.0	90	90	89	89	88	88	87	84	99
5.0	91	90	90	90	89	89	87	85	100

Corre	ected UC	R values	at 5150	Im bare	e lamp lu	eu oni mu	flux)				
Rifle	ct.:										
ceil/cav walls work pl. Room dim		0.70 0.50 0.20	0.70 0.30 0.20	0.50 0.50 0.20	0.50	0.30 0.30 0.20	0.70	0.70	0.50	0.50	0.30
					0.30		0.50 0.20	0.30	0.50	0.30	0.30
								0.20	0.20	0.20	0.20
		viewed					viewed				
X	У	crosswise					endwise				
2H	2H	12.6	14.6	13.0	14.9	15.2	12.6	14.6	13.0	14.9	15.
	ЗН	12.5	13.9	12.9	14.2	14.6	12.5	13.9	12.9	14.2	14.
	4H	12.4	13.7	12.8	14.0	14.3	12.4	13.7	12.8	14.0	14.
	бН	12.4	13.4	12.7	13.8	14.1	12.4	13.4	12.7	13.8	14.
	HS	12.3	13.4	12.7	13.7	14.1	12.3	13.4	12.7	13.7	14.
	12H	12.3	13.3	12.7	13.7	14.0	12.3	13.3	12.7	13.7	14.
4H	2H	12.4	13.7	12.8	14.0	14.3	12.4	13.7	12.8	14.0	14.
	ЗН	12.3	13.3	12.7	13.7	14.0	12.3	13.3	12.7	13.7	14.
	4H	12.1	13.1	12.6	13.5	13.9	12.1	13.1	12.6	13.5	13.
	бН	11.9	13.3	12.3	13.7	14.2	11.9	13.3	12.3	13.7	14.
	HS	11.7	13.4	12.2	13.8	14.3	11.7	13.4	12.2	13.8	14.
	12H	11.6	13.4	12.1	13.9	14.4	11.6	13.4	12.1	13.9	14.
вн	4H	11.7	13.4	12.2	13.8	14.3	11.7	13.4	12.2	13.8	14.
	6H	11.6	13.2	12.1	13.7	14.2	11.6	13.2	12.1	13.7	14.
	HS	11.6	13.0	12.1	13.5	14.0	11.6	13.0	12.1	13.5	14.
	12H	11.7	12.7	12.2	13.2	13.7	11.7	12.7	12.2	13.2	13.
12H	4H	11.6	13.4	12.1	13.9	14.4	11.6	13.4	12.1	13.9	14.
	6H	11.6	13.0	12.1	13.5	14.0	11.6	13.0	12.1	13.5	14.
	HS	11.7	12.7	12.2	13.2	13.7	11.7	12.7	12.2	13.2	13.
Varia	tions wi	th the ob	oserverp	osition	at spacin	ıg:					
5 =	1.0H	6.7 / -31.5					6.7 / -31.5				
	1.5H	9.5 / -31.8					9.5 / -31.8				
	2.0H	11.5 / -32.1					11.5 / -32.1				