

Wide

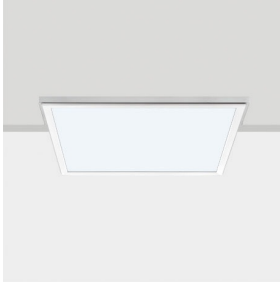
Design iGuzzini

iGuzzini

Last information update: June 2023

Product configuration: P016

P016: 600x600 - Warm White - general light



Product code

P016: 600x600 - Warm White - general light **Attention! Code no longer in production**

Technical description

Recessed direct emission luminaire designed to use Warm White colour 3000K LEDs and be installed in 600x600 modular false ceilings or in plasterboard using a frame to be ordered as an accessory. The optical assembly is made of a thermoplastic material with a satin methacrylate diffuser screen for general light emission. Product complete with electronic components.

Installation

Recessed for installation in 600x600 modular false ceilings or in plasterboard using a frame to be ordered as an accessory.

Colour

White (01)

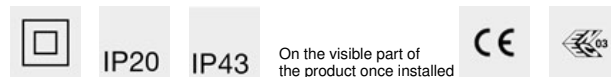
Mounting

ceiling recessed/wall surface

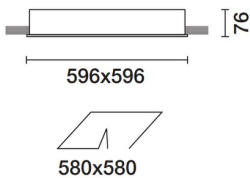
Wiring

product complete with electronic components

Complies with EN60598-1 and pertinent regulations



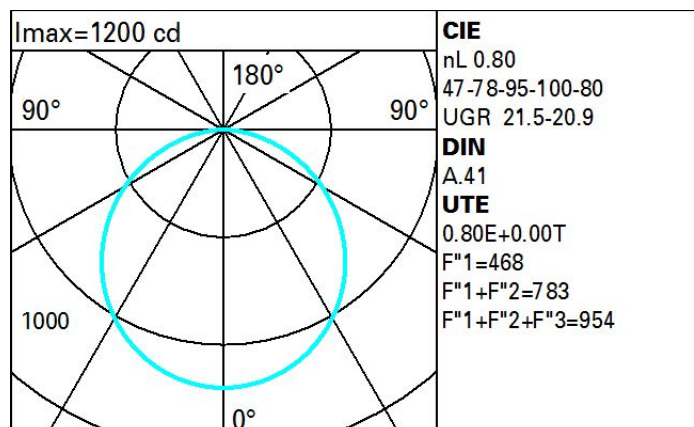
On the visible part of the product once installed



Technical data

Im system:	3440	Colour temperature [K]:	3000
W system:	31.1	MacAdam Step:	3
Im source:	4300	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
W source:	27	Ballast losses [W]:	4.1
Luminous efficiency (Im/W, real value):	110.6	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.) [%]:	80	Number of optical assemblies:	1
CRI:	80		

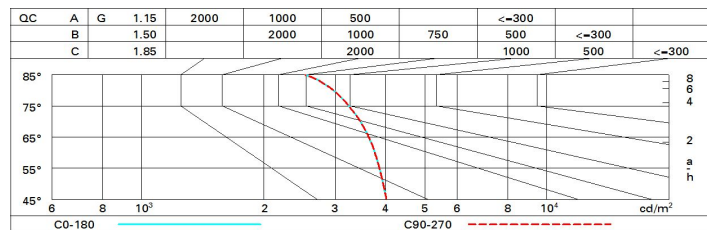
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	52	44	38	33	42	37	36	31	39
1.0	58	50	44	39	48	43	42	37	46
1.5	66	59	54	50	58	53	52	47	59
2.0	71	65	61	57	64	60	59	54	68
2.5	74	69	66	62	68	64	63	59	73
3.0	76	72	69	66	70	68	66	62	78
4.0	79	75	73	70	74	71	70	66	83
5.0	80	77	75	73	76	74	72	69	86

Luminance curve limit



UGR diagram

Corrected UGR values (at 4300 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	17.4	18.6	17.7	18.9	19.2	17.4	18.6	17.7	18.9	19.2
	3H	19.0	20.1	19.4	20.4	20.7	17.9	19.0	18.3	19.3	19.6
	4H	19.6	20.7	20.0	21.0	21.3	18.1	19.1	18.5	19.5	19.8
	6H	20.1	21.1	20.5	21.4	21.8	18.2	19.1	18.6	19.5	19.8
	8H	20.3	21.2	20.7	21.6	21.9	18.2	19.1	18.6	19.5	19.8
	12H	20.4	21.3	20.8	21.6	22.0	18.2	19.1	18.6	19.4	19.8
4H	2H	18.1	19.1	18.5	19.5	19.8	19.6	20.7	20.0	21.0	21.3
	3H	19.9	20.8	20.3	21.1	21.5	20.3	21.2	20.7	21.6	21.9
	4H	20.6	21.4	21.0	21.8	22.2	20.6	21.4	21.0	21.8	22.2
	6H	21.2	21.9	21.7	22.3	22.8	20.9	21.6	21.3	22.0	22.4
	8H	21.5	22.1	21.9	22.5	23.0	20.9	21.6	21.4	22.0	22.4
	12H	21.6	22.2	22.1	22.6	23.1	20.9	21.5	21.4	22.0	22.4
8H	4H	20.9	21.6	21.4	22.0	22.4	21.5	22.1	21.9	22.5	23.0
	6H	21.7	22.2	22.2	22.7	23.2	21.8	22.4	22.3	22.8	23.3
	8H	22.0	22.4	22.5	22.9	23.4	22.0	22.4	22.5	22.9	23.4
	12H	22.2	22.6	22.7	23.1	23.6	22.1	22.5	22.6	23.0	23.5
12H	4H	20.9	21.5	21.4	22.0	22.4	21.6	22.2	22.1	22.6	23.1
	6H	21.7	22.2	22.2	22.7	23.2	22.0	22.5	22.5	22.9	23.4
	8H	22.1	22.5	22.6	23.0	23.5	22.2	22.6	22.7	23.1	23.6
Variations with the observer position at spacing:											
S =	1.0H	0.1 / -0.1					0.1 / -0.1				
	1.5H	0.2 / -0.3					0.2 / -0.3				
	2.0H	0.4 / -0.5					0.4 / -0.5				