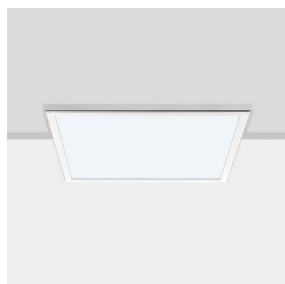


Last information update: June 2018

**600x600 - Warm White - general light****Product code**

P016

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.

Dimension (mm)

600x600

Colour

White (01)

Weight (Kg)

2.56

Mounting

ceiling recessed/wall surface

Wiring

product complete with electronic components

Complies with EN60598-1 and pertinent regulations



IP20



IP43

On the visible part of the product once installed

**Product configuration: P016****Product characteristics**

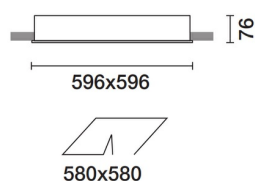
Total lighting output [Lm]: 3439.6
Total power [W]: 31.1
Luminous efficacy [Lm/W]: 110.6
Life Time: 50,000h - L80 - B10 (Ta 25°C)

Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

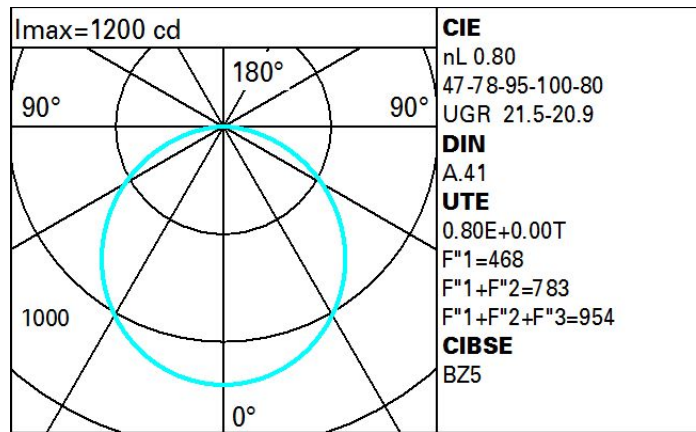
Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 80
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 27
Nominal luminous [Lm]: 4300
Lamp maximum intensity [cd]: /
Beam angle [°]: /

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 4.1
Colour temperature [K]: 3000
CRI: 80
Wavelength [nm]: /
MacAdam Step: 3



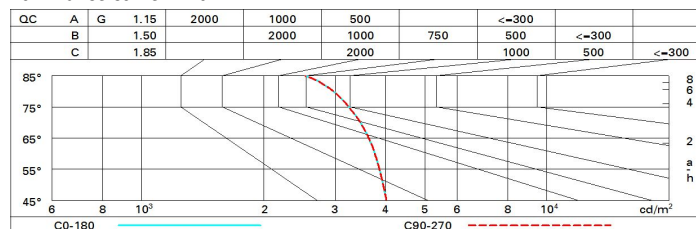
Polar



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		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	
		viewed crosswise					viewed endwise					
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							