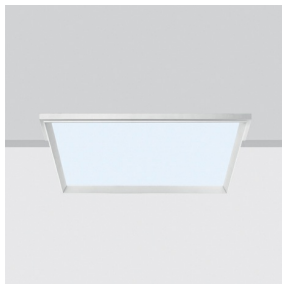


Last information update: June 2023

Product configuration: P617

P617: 600x600-Warm White - UGR<19

**Product code**P617: 600x600-Warm White - UGR<19 **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 ceilings using a frame to be ordered as an accessory. Optical assembly with a white painted, extruded aluminium, tapered frame and a set back microprismatic screen for controlled luminance with a UGR<19 L<3000 cd/m² α≥ 65° beam, ideal for environments with video terminals. Product complete with electronic ballast.

Installation

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

Colour

White (01)

Mounting

ceiling 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

**Technical data**

lm system: 3712

W system: 34

lm source: 4950

W source: 28

Luminous efficiency (lm/W, real value): 109.2

lm in emergency mode: -

Total light flux at or above an angle of 90° [Lm]: 0

Light Output Ratio (L.O.R.) [%]: 75

CRI: 80

Colour temperature [K]: 3000

MacAdam Step: 3

Life Time LED 1: 50,000h - L80 - B10 (Ta 25°C)

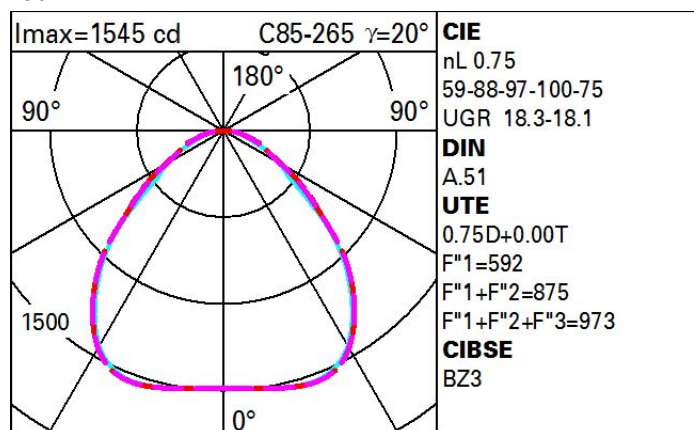
Ballast losses [W]: 6

Lamp code: LED

Number of lamps for optical assembly: 1

ZVEI Code: LED

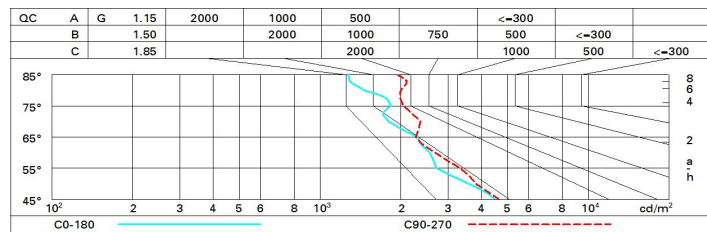
Number of optical assemblies: 1

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	53	46	41	38	45	41	40	36	48
1.0	58	52	47	44	51	46	46	41	55
1.5	65	60	56	53	59	55	55	50	67
2.0	69	65	62	59	64	61	60	56	75
2.5	72	68	66	63	67	64	64	60	80
3.0	73	71	68	66	69	67	66	62	83
4.0	75	73	71	69	71	70	69	65	87
5.0	76	74	73	71	73	71	70	67	89

Luminance curve limit



UGR diagram

Corrected UGR values (at 4950 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	15.9	17.0	16.2	17.2	17.5	16.1	17.1	16.4	17.4	17.7
	3H	16.7	17.6	17.0	17.9	18.2	16.4	17.3	16.7	17.6	17.9
	4H	17.0	17.9	17.4	18.2	18.5	16.4	17.3	16.8	17.6	17.9
	6H	17.3	18.1	17.7	18.5	18.8	16.4	17.2	16.8	17.6	17.9
	8H	17.4	18.2	17.8	18.5	18.9	16.4	17.2	16.8	17.5	17.9
	12H	17.5	18.2	17.9	18.6	18.9	16.4	17.1	16.8	17.5	17.9
4H	2H	16.3	17.1	16.6	17.4	17.8	17.3	18.2	17.7	18.5	18.8
	3H	17.3	18.0	17.7	18.4	18.7	17.8	18.5	18.2	18.9	19.2
	4H	17.7	18.4	18.2	18.8	19.2	17.9	18.6	18.3	19.0	19.4
	6H	18.2	18.8	18.6	19.2	19.6	18.1	18.6	18.5	19.0	19.5
	8H	18.3	18.9	18.8	19.3	19.7	18.1	18.6	18.6	19.1	19.5
	12H	18.4	18.9	18.9	19.3	19.8	18.1	18.6	18.6	19.0	19.5
8H	4H	17.9	18.5	18.4	18.9	19.3	18.7	19.2	19.1	19.6	20.1
	6H	18.6	19.0	19.1	19.5	19.9	18.9	19.4	19.4	19.8	20.3
	8H	18.8	19.2	19.3	19.6	20.2	19.0	19.4	19.5	19.9	20.4
	12H	18.9	19.3	19.5	19.8	20.3	19.1	19.4	19.6	19.9	20.4
12H	4H	17.9	18.4	18.4	18.9	19.3	18.9	19.3	19.3	19.8	20.2
	6H	18.6	19.0	19.1	19.5	20.0	19.1	19.5	19.6	20.0	20.5
	8H	18.9	19.2	19.4	19.7	20.2	19.3	19.6	19.8	20.1	20.6
Variations with the observer position at spacing:											
S =	1.0H	0.3 / -0.4					0.3 / -0.4				
	1.5H	0.7 / -0.8					0.6 / -0.8				
	2.0H	1.3 / -1.1					1.3 / -1.1				