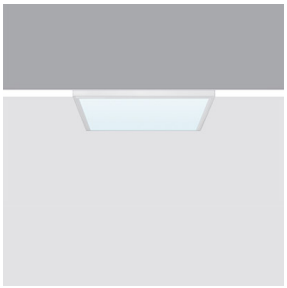
iPlan Easy

Design iGuzzini **iGuzzini**

Last information update: May 2024

Product configuration: P613
P613: 300 X 300 mm - warm white LED - electronic control gear - general light optic opaline screen



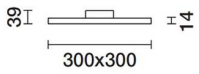
Product code
P613: 300 X 300 mm - warm white LED - electronic control gear - general light optic opaline screen **Attention! Code no longer in production**

Technical description
Direct emission recessed or ceiling-mounted luminaire (with an installation accessory ordered separetely) designed to use warm white 3,000K high CRI LEDs. The optical assembly consists of a painted aluminium frame, a satin methacrylate diffuser screen for general light emission and a sheet metal rear closing base. The LEDs are arranged inside the perimeter and the driver is housed in the upper part of the product.

Installation
Recessed in plasterboard suspended ceilings (with an accessory frame), pendant mounted using a kit to be ordered separately.

Colour
White (01)

Mounting
ceiling recessed|wall surface|ceiling surface



Wiring
product complete with electronic components

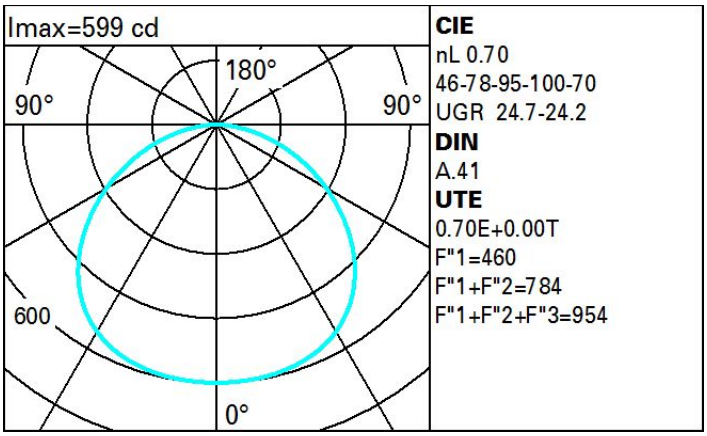
Complies with EN60598-1 and pertinent regulations

IP20 IP40 On the visible part of the product once installed

Technical data

lm system:	1890	CRI:	80
W system:	16.4	Colour temperature [K]:	3000
lm source:	2700	MacAdam Step:	3
W source:	14	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	115.2	Lamp code:	LED
lm 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.) [%]:	70	Number of optical assemblies:	1

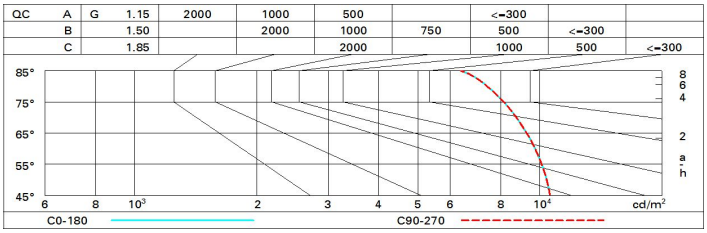
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	45	38	33	29	37	32	32	27	38
1.0	50	43	38	34	42	37	37	32	46
1.5	58	52	47	43	50	46	46	41	59
2.0	62	57	53	50	56	52	51	47	67
2.5	65	61	57	54	59	56	55	51	73
3.0	66	63	60	58	61	59	58	54	77
4.0	69	66	64	61	64	62	61	58	83
5.0	70	68	66	64	66	64	63	60	86

Luminance curve limit



UGR diagram

Corrected UGR values (at 2700 lm bare lamp luminous flux)

Riflect.: ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim				viewed crosswise					viewed endwise		
x	y										
2H	2H	20.8	22.0	21.1	22.3	22.5	20.8	22.0	21.1	22.3	22.5
	3H	22.3	23.4	22.7	23.7	24.0	21.3	22.4	21.6	22.7	23.0
	4H	22.9	23.9	23.3	24.3	24.6	21.5	22.5	21.8	22.8	23.1
	6H	23.4	24.3	23.8	24.7	25.0	21.6	22.5	21.9	22.8	23.2
	8H	23.6	24.5	23.9	24.8	25.2	21.6	22.5	22.0	22.8	23.2
	12H	23.7	24.5	24.1	24.9	25.2	21.5	22.4	21.9	22.8	23.1
4H	2H	21.5	22.5	21.8	22.8	23.1	22.9	23.9	23.3	24.3	24.6
	3H	23.2	24.1	23.6	24.4	24.8	23.6	24.5	24.0	24.8	25.2
	4H	23.9	24.7	24.3	25.1	25.5	23.9	24.7	24.3	25.1	25.5
	6H	24.5	25.2	24.9	25.6	26.0	24.1	24.8	24.6	25.2	25.6
	8H	24.7	25.3	25.1	25.7	26.2	24.2	24.8	24.6	25.2	25.7
	12H	24.8	25.4	25.3	25.8	26.3	24.2	24.8	24.7	25.2	25.7
8H	4H	24.2	24.8	24.6	25.2	25.7	24.7	25.3	25.1	25.7	26.2
	6H	24.9	25.4	25.4	25.9	26.4	25.1	25.6	25.5	26.0	26.5
	8H	25.2	25.6	25.7	26.1	26.6	25.2	25.6	25.7	26.1	26.6
	12H	25.4	25.8	25.9	26.3	26.8	25.3	25.7	25.8	26.2	26.7
12H	4H	24.2	24.8	24.7	25.2	25.7	24.8	25.4	25.3	25.8	26.3
	6H	25.0	25.4	25.5	25.9	26.4	25.2	25.7	25.7	26.1	26.7
	8H	25.3	25.7	25.8	26.2	26.7	25.4	25.8	25.9	26.3	26.8

Variations with the observer position at spacing:

S =			
	1.0H	0.1 / -0.1	0.1 / -0.1
	1.5H	0.3 / -0.4	0.3 / -0.4
	2.0H	0.4 / -0.5	0.4 / -0.5