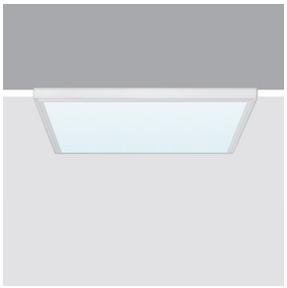
iPlan Easy

Design iGuzzini **iGuzzini**

Last information update: May 2024

Product configuration: MT11
MT11: 596 X 596 mm - warm white LED - electronic control gear - general light optic opaline screen



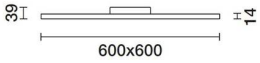
Product code
MT11: 596 X 596 mm - warm white LED - electronic control gear - general light optic opaline screen **Attention! Code no longer in production**

Technical description
Direct emission recessed or ceiling-mounted luminaire (with accessories ordered separetely) designed to use warm white 3,000K high colour rendering LEDs. The optical assembly consists of a white extruded 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 false ceilings (using accessory frame), in false ceilings with frame, in modular false ceilings (even 625 x 625 mm using accessory adapter); possibility of ceiling-mounting using kit to be ordered separately as an accessory

Colour
White (01)

Mounting
ceiling recessed|wall surface|ceiling surface



Wiring
product complete with electronic components

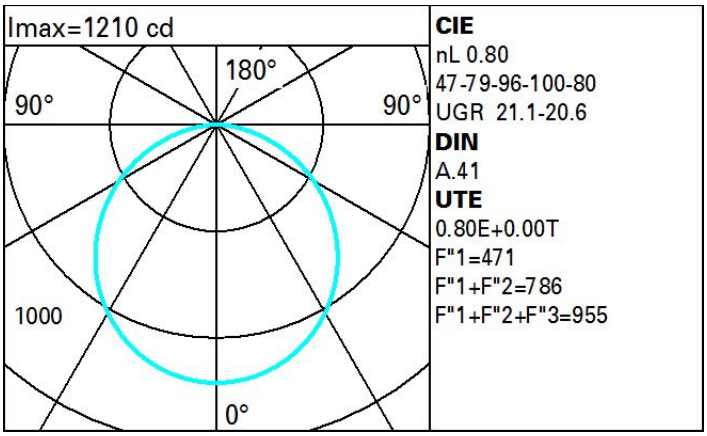
Complies with EN60598-1 and pertinent regulations

IP20 IP43 On the visible part of the product once installed

Technical data

lm system:	3440	CRI:	80
W system:	30.9	Colour temperature [K]:	3000
lm source:	4300	MacAdam Step:	3
W source:	26	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	111.3	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.) [%]:	80	Number of optical assemblies:	1

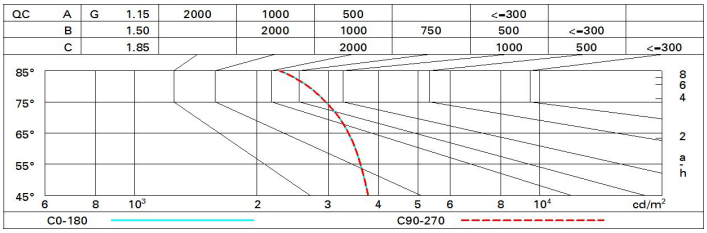
Polar



Utilisation factors

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

Luminance curve limit



UGR diagram

Corrected UGR values (at 4300 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	17.2	18.4	17.5	18.6	18.9	17.2	18.4	17.5	18.6	18.9
	3H	18.7	19.8	19.1	20.1	20.4	17.7	18.8	18.0	19.1	19.4
	4H	19.3	20.4	19.7	20.7	21.0	17.8	18.9	18.2	19.2	19.5
	6H	19.8	20.8	20.2	21.1	21.4	17.9	18.9	18.3	19.2	19.6
	8H	20.0	20.9	20.3	21.2	21.6	17.9	18.9	18.3	19.2	19.6
	12H	20.1	20.9	20.5	21.3	21.7	17.9	18.8	18.3	19.2	19.5
4H	2H	17.8	18.9	18.2	19.2	19.5	19.3	20.4	19.7	20.7	21.0
	3H	19.6	20.5	20.0	20.8	21.2	20.0	20.9	20.4	21.3	21.6
	4H	20.3	21.1	20.7	21.5	21.9	20.3	21.1	20.7	21.5	21.9
	6H	20.9	21.6	21.3	22.0	22.4	20.5	21.2	21.0	21.6	22.1
	8H	21.1	21.7	21.6	22.2	22.6	20.6	21.2	21.1	21.7	22.1
	12H	21.2	21.8	21.7	22.3	22.7	20.6	21.2	21.1	21.6	22.1
8H	4H	20.6	21.2	21.1	21.7	22.1	21.1	21.7	21.6	22.2	22.6
	6H	21.3	21.9	21.8	22.3	22.8	21.5	22.0	21.9	22.4	22.9
	8H	21.6	22.1	22.1	22.5	23.0	21.6	22.1	22.1	22.5	23.0
	12H	21.8	22.2	22.3	22.7	23.2	21.7	22.1	22.2	22.6	23.1
12H	4H	20.6	21.2	21.1	21.6	22.1	21.2	21.8	21.7	22.3	22.7
	6H	21.4	21.8	21.9	22.3	22.8	21.6	22.1	22.1	22.6	23.1
	8H	21.7	22.1	22.2	22.6	23.1	21.8	22.2	22.3	22.7	23.2

Variations with the observer position at spacing:

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