iPlan Easy

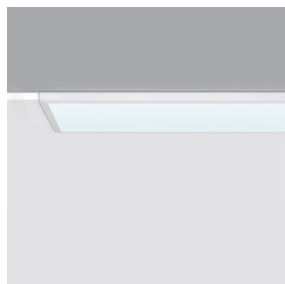**Design iGuzzini**   **iGuzzini**

Last information update: May 2024

Product configuration: MT19
MT19: 1196 X 296 mm - warm white LED - electronic control gear - general light optic opaline screen

Product code
MT19: 1196 X 296 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 mounted in plasterboard suspended ceilings (with accessory frame), in suspended ceilings with frame; can be ceiling-mounted with a kit to be ordered separately as an accessory
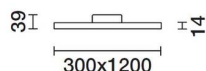
Colour
White (01)

Mounting
ceiling recessed|wall surface|ceiling surface

Wiring
product complete with electronic components

Complies with EN60598-1 and pertinent regulations

300x1200 | 39 | 14

IP20   IP43   On the visible part of the product once installed   CE   ⬡03   EAC

Technical data

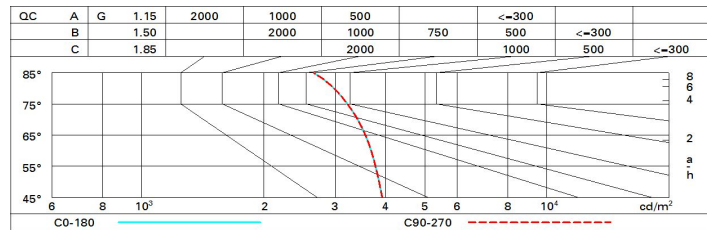|			
lm system:	3413	CRI:	80
W system:	30.9	Colour temperature [K]:	3000
lm source:	4550	MacAdam Step:	3
W source:	26	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	110.4	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	75	Number of optical assemblies:	1

Polar

Imax=1183 cd
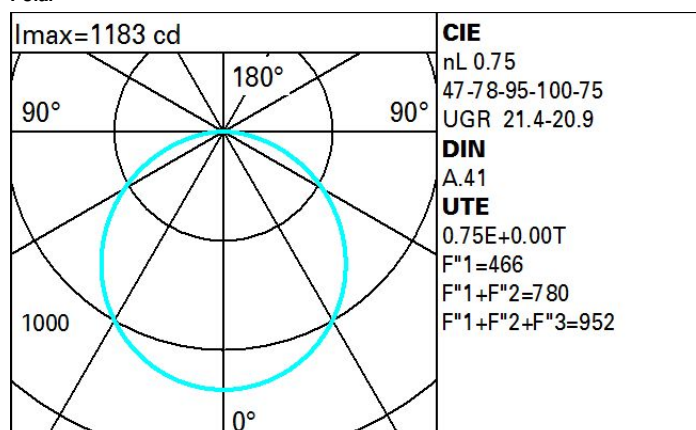
CIE
nL 0.75
47-78-95-100-75
UGR 21.4-20.9
DIN
A.41
UTE
0.75E+0.00T
F"1=466
F"1+F"2=780
F"1+F"2+F"3=952

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	49	41	35	31	40	35	34	29	39
1.0	54	46	41	37	45	40	40	34	46
1.5	62	56	51	47	54	50	49	44	59
2.0	66	61	57	54	60	56	55	51	68
2.5	69	65	61	58	63	60	59	55	73
3.0	71	68	64	62	66	63	62	58	77
4.0	74	71	68	66	69	67	66	62	83
5.0	75	73	70	68	71	69	68	64	86

Luminance curve limit

QC	A	G	1.15	2000	1000	500		<=300		
	B		1.50		2000	1000	750	500	<=300	
	C		1.85			2000		1000	500	<=300

C0-180 ———— C90-270 ------------

UGR diagram

Corrected UGR values (at 4550 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					viewed			
x	y		crosswise					endwise			
2H	2H	17.3	18.5	17.6	18.8	19.1	17.3	18.5	17.6	18.8	19.1
	3H	18.9	20.0	19.3	20.3	20.6	17.8	18.9	18.2	19.2	19.5
	4H	19.6	20.6	19.9	20.9	21.2	18.0	19.0	18.4	19.3	19.7
	6H	20.1	21.0	20.5	21.4	21.7	18.1	19.0	18.5	19.4	19.7
	8H	20.3	21.2	20.7	21.5	21.9	18.1	19.0	18.5	19.4	19.7
	12H	20.4	21.3	20.8	21.6	22.0	18.1	19.0	18.5	19.3	19.7
4H	2H	18.0	19.0	18.4	19.3	19.7	19.6	20.6	19.9	20.9	21.2
	3H	19.8	20.7	20.2	21.0	21.4	20.3	21.1	20.7	21.5	21.9
	4H	20.6	21.4	21.0	21.7	22.1	20.6	21.4	21.0	21.7	22.1
	6H	21.2	21.9	21.7	22.3	22.7	20.8	21.5	21.3	21.9	22.3
	8H	21.4	22.1	21.9	22.5	22.9	20.9	21.5	21.3	21.9	22.4
	12H	21.6	22.2	22.1	22.6	23.1	20.9	21.5	21.4	21.9	22.4
8H	4H	20.9	21.5	21.3	21.9	22.4	21.4	22.1	21.9	22.5	22.9
	6H	21.7	22.2	22.2	22.6	23.1	21.8	22.3	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	21.9	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	23.5
	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	0.3 / -0.5	0.3 / -0.5