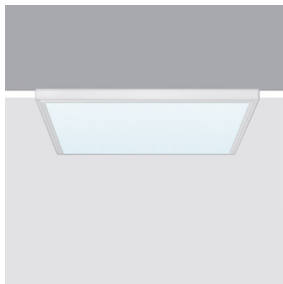


Last information update: May 2024

**Product configuration: MT10**

MT10: 596 X 596 mm - neutral white LED - electronic control gear - general light optic opaline screen

**Product code**MT10: 596 X 596 mm - neutral 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 separately) designed to use neutral white 4000K 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

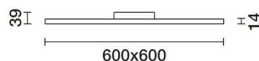
Complies with EN60598-1 and pertinent regulations



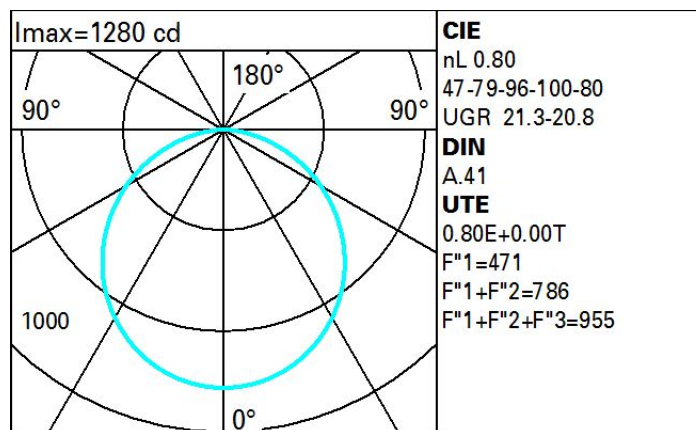
IP20

IP43

On the visible part of the product once installed

**Technical data**

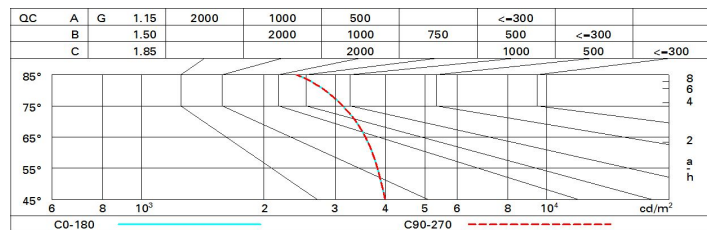
lm system:	3640	CRI:	80
W system:	30.9	Colour temperature [K]:	4000
lm source:	4550	MacAdam Step:	3
W source:	26	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	117.8	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux 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 4550 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	18.8	19.1	17.4	18.6	17.7	18.8	19.1
	3H	18.9	20.0	19.3	20.3	20.6	17.9	19.0	18.2	19.3	19.6
	4H	19.5	20.6	19.9	20.9	21.2	18.0	19.1	18.4	19.4	19.7
	6H	20.0	21.0	20.4	21.3	21.6	18.1	19.1	18.5	19.4	19.8
	8H	20.2	21.1	20.5	21.4	21.8	18.1	19.1	18.5	19.4	19.8
	12H	20.3	21.1	20.7	21.5	21.9	18.1	19.0	18.5	19.3	19.7
4H	2H	18.0	19.1	18.4	19.4	19.7	19.5	20.6	19.9	20.9	21.2
	3H	19.8	20.7	20.2	21.0	21.4	20.2	21.1	20.6	21.5	21.8
	4H	20.5	21.3	20.9	21.7	22.1	20.5	21.3	20.9	21.7	22.1
	6H	21.1	21.8	21.5	22.2	22.6	20.7	21.4	21.2	21.8	22.3
	8H	21.3	21.9	21.8	22.4	22.8	20.8	21.4	21.3	21.9	22.3
	12H	21.4	22.0	21.9	22.5	22.9	20.8	21.4	21.3	21.8	22.3
8H	4H	20.8	21.4	21.3	21.9	22.3	21.3	21.9	21.8	22.4	22.8
	6H	21.5	22.1	22.0	22.5	23.0	21.7	22.2	22.1	22.6	23.1
	8H	21.8	22.3	22.3	22.7	23.2	21.8	22.3	22.3	22.7	23.2
	12H	22.0	22.4	22.5	22.9	23.4	21.9	22.3	22.4	22.8	23.3
12H	4H	20.8	21.4	21.3	21.8	22.3	21.4	22.0	21.9	22.5	22.9
	6H	21.6	22.0	22.1	22.5	23.0	21.8	22.3	22.3	22.8	23.3
	8H	21.9	22.3	22.4	22.8	23.3	22.0	22.4	22.5	22.9	23.4
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				