

Last information update: May 2024

**Product configuration: MT17**

MT17: 596 X 596 mm - warm white LED - DALI control gear - controlled luminance optic UGR&lt;19

**Product code**MT17: 596 X 596 mm - warm white LED - DALI control gear - controlled luminance optic UGR<19 **Attention! Code no longer in production****Technical description**

Direct emission recessed or ceiling-mounted luminaire (with accessories ordered separately) 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 controlled luminance UGR<19 emission and a sheet metal rear closing base. The LEDs are arranged inside the perimeter and the electronic 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 DALI components

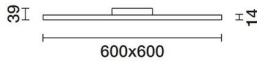
Complies with EN60598-1 and pertinent regulations



IP20

IP43

On the visible part of the product once installed

**Technical data**

lm system:	3440	Colour temperature [K]:	3000
W system:	30.4	MacAdam Step:	3
lm source:	4300	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
W source:	26	Lamp code:	LED
Luminous efficiency (lm/W, real value):	113.1	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	80	Control:	DALI
CRI:	80		

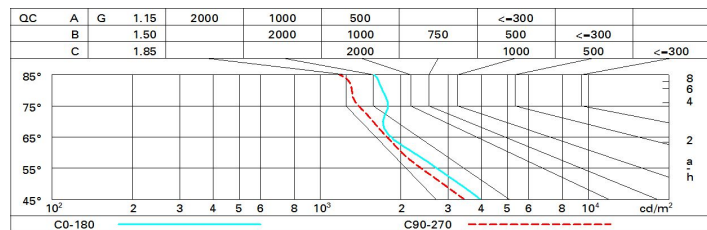
**Polar**

Imax=1678 cd		C0-180		CIE		Lux	
90°	180°	90°		nL 0.80		h	d1 d2 Em Emax
				61-88-97-100-80		1	2 1.8 1128 1677
				UGR 18.3-17.2		2	4 3.6 282 419
				<b>DIN</b>		3	6 5.4 125 186
				A.51		4	8 7.2 70 105
				<b>UTE</b>			
				0.80C+0.00T			
				F*1=609			
				F*1+F*2=878			
				F*1+F*2+F*3=972			
				<b>CIBSE</b>			
				LG3 L<3000 cd/m² at 65°			
				UGR<19   L<3000 cd/mq @65°			
α=90° / 84°							

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	58	50	45	41	49	45	44	39	49
1.0	63	56	51	47	55	50	50	45	56
1.5	70	65	60	57	63	60	59	54	68
2.0	74	70	66	64	68	65	64	60	76
2.5	77	73	70	68	72	69	68	64	80
3.0	78	76	73	71	74	72	71	67	84
4.0	80	78	76	74	76	75	73	70	88
5.0	82	80	78	76	78	76	75	72	90

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 4300 lm bare lamp luminous flux)											
Reflect.: ceiling 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	15.7	16.7	16.0	17.0	17.2	15.1	16.1	15.4	16.3	16.6
	3H	16.5	17.4	16.9	17.7	18.0	15.4	16.3	15.8	16.6	16.9
	4H	16.9	17.8	17.3	18.1	18.4	15.5	16.3	15.8	16.6	17.0
	6H	17.3	18.1	17.7	18.4	18.7	15.5	16.3	15.9	16.6	16.9
	8H	17.4	18.2	17.8	18.5	18.9	15.5	16.2	15.9	16.6	16.9
	12H	17.5	18.3	17.9	18.6	19.0	15.5	16.2	15.9	16.5	16.9
4H	2H	16.0	16.8	16.3	17.1	17.5	16.3	17.1	16.6	17.4	17.8
	3H	17.0	17.7	17.4	18.1	18.4	16.8	17.5	17.2	17.9	18.3
	4H	17.5	18.2	17.9	18.5	18.9	17.0	17.6	17.4	18.0	18.4
	6H	18.1	18.6	18.5	19.0	19.5	17.1	17.7	17.6	18.1	18.5
	8H	18.3	18.8	18.7	19.2	19.7	17.2	17.7	17.6	18.1	18.5
	12H	18.4	18.9	18.9	19.3	19.8	17.2	17.7	17.6	18.1	18.6
8H	4H	17.7	18.2	18.1	18.6	19.0	17.6	18.1	18.1	18.6	19.0
	6H	18.4	18.8	18.8	19.2	19.7	17.9	18.3	18.4	18.8	19.3
	8H	18.7	19.0	19.2	19.5	20.0	18.0	18.4	18.5	18.9	19.4
	12H	18.9	19.3	19.4	19.7	20.3	18.1	18.5	18.6	18.9	19.5
12H	4H	17.7	18.1	18.1	18.6	19.0	17.7	18.2	18.2	18.6	19.1
	6H	18.4	18.8	18.9	19.2	19.7	18.1	18.4	18.5	18.9	19.4
	8H	18.8	19.1	19.3	19.6	20.1	18.2	18.6	18.7	19.0	19.6
Variations with the observer position at spacing:											
S =	1.0H	0.2 / -0.3					0.2 / -0.3				
	1.5H	0.4 / -0.9					0.4 / -1.0				
	2.0H	1.0 / -1.3					0.9 / -1.3				