iGuzzini

Last information update: May 2024

## Product configuration: MT18

MT18: 1196 X 296 mm - neutral white LED - electronic control gear - general light optic opaline screen

Product code

MT18: 1196 X 296 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 separetely) 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 mounted in plasterboard suspended ceilings (with accessory frame), in suspended ceilings with frame; can be ceilingmounted with a kit to be ordered separetely as an accessory

Colour White (01)

Mounting

%I \_\_\_\_\_ ±₹

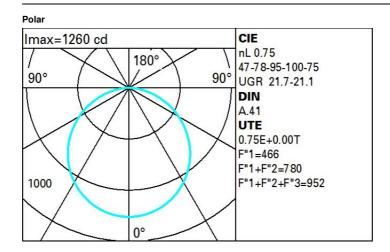
ceiling recessed|wall surface|ceiling surface

# Wiring

product complete with electronic components



Technical data				
Im system:	3638	CRI:	80	
W system:	30.9	Colour temperature [K]:	4000	
Im source:	4850	MacAdam Step:	3	
W source:	26	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)	
Luminous efficiency (Im/W,	117.7	Lamp code:	LED	
real value):		Number of lamps for optical	1	
Im in emergency mode:	-	assembly:		
Total light flux at or above	0	ZVEI Code:	LED	
an angle of 90° [Lm]:		Number of optical	1	
Light Output Ratio (L.O.R.) [%]:	75	assemblies:		



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	Α	G	1.15	2000	1000	500		<-300		
	в		1.50		2000	1000	750	500	<=300	
	С		1.85			2000		1000	500	<=300
85°	_			$\left( \right)$		NT				= 8
75°				$\leftarrow$						4
65°				$\rightarrow$						- 2
55°						$\downarrow$				- a h
						3 4	5 6	8 10	4	
45° 6		8	10 <sup>3</sup>		2	3 4	5 6	0 10		cd/m <sup>2</sup>

# UGR diagram

2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H 12H	0.70 0.50 0.20 17.5 19.2 19.8 20.3 20.5 20.6 18.3 20.1 20.8 21.4 21.7 21.8	0.70 0.30 0.20 18.7 20.2 20.8 21.2 21.4 21.5 19.3 20.9 21.6 22.1 22.3	0.50 0.50 0.20 viewed crosswis 17.9 19.5 20.2 20.7 20.9 21.0 18.6 20.5 21.2 21.9	0.50 0.30 0.20 e 19.0 20.5 21.1 21.6 21.7 21.8 19.6 21.3 22.0 22.5	0.30 0.30 0.20 19.3 20.8 21.5 21.9 22.1 22.2 19.9 21.6 22.4	0.70 0.50 0.20 17.5 18.1 18.3 18.3 18.4 18.3 18.4 18.3 19.8 20.5 20.8	0.70 0.30 0.20 18.7 19.1 19.3 19.3 19.2 19.2 20.8 21.4 21.6	0.50 0.50 0.20 viewed endwise 17.9 18.4 18.6 18.7 18.7 18.7 18.7 20.2 20.9 21.2	0.50 0.30 0.20 19.0 19.4 19.6 19.6 19.6 19.5 21.1 21.7 22.0	0.30 0.30 0.20 19.3 19.7 19.9 20.0 20.0 19.9 21.5 22.1 22.4
2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	0.50 0.20 17.5 19.2 19.8 20.3 20.5 20.6 18.3 20.1 20.8 21.4 21.7	0.30 0.20 18.7 20.2 20.8 21.2 21.4 21.5 19.3 20.9 21.6 22.1	0.50 0.20 viewed 17.9 19.5 20.2 20.7 20.9 21.0 18.6 20.5 21.2 21.9	0.30 0.20 e 19.0 20.5 21.1 21.6 21.7 21.8 19.6 21.3 22.0	0.30 0.20 19.3 20.8 21.5 21.9 22.1 22.2 19.9 21.6 22.4	0.50 0.20 17.5 18.1 18.3 18.3 18.4 18.3 19.8 20.5	0.30 0.20 18.7 19.1 19.3 19.3 19.2 19.2 20.8 21.4	0.50 0.20 viewed endwise 17.9 18.4 18.6 18.7 18.7 18.7 18.7 20.2 20.9	0.30 0.20 19.0 19.4 19.6 19.6 19.5 21.1 21.7	0.30 0.20 19.3 19.7 19.9 20.0 20.0 19.9 21.5 22.1
2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	0.20 17.5 19.2 19.8 20.3 20.5 20.6 18.3 20.1 20.8 21.4 21.7	0.20 18.7 20.2 20.8 21.2 21.4 21.5 19.3 20.9 21.6 22.1	0.20 viewed crosswis 17.9 19.5 20.2 20.7 20.9 21.0 18.6 20.5 21.2 21.9	0.20 e 19.0 20.5 21.1 21.6 21.7 21.8 19.6 21.3 22.0	0.20 19.3 20.8 21.5 21.9 22.1 22.2 19.9 21.6 22.4	0.20 17.5 18.1 18.3 18.3 18.4 18.3 19.8 20.5	0.20 18.7 19.1 19.3 19.3 19.2 19.2 20.8 21.4	0.20 viewed endwise 17.9 18.4 18.6 18.7 18.7 18.7 18.7 20.2 20.9	0.20 19.0 19.4 19.6 19.6 19.5 21.1 21.7	0.20 19.3 19.7 19.9 20.0 20.0 19.9 21.5 22.1
2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	17.5 19.2 19.8 20.3 20.5 20.6 18.3 20.1 20.8 21.4 21.7	18.7 20.2 20.8 21.2 21.4 21.5 19.3 20.9 21.6 22.1	viewed crosswis 17.9 19.5 20.2 20.7 20.9 21.0 18.6 20.5 21.2 21.9	e 19.0 20.5 21.1 21.6 21.7 21.8 19.6 21.3 22.0	19.3 20.8 21.5 21.9 22.1 22.2 19.9 21.6 22.4	17.5 18.1 18.3 18.3 18.4 18.3 19.8 20.5	18.7 19.1 19.3 19.3 19.2 19.2 20.8 21.4	viewed endwise 17.9 18.4 18.6 18.7 18.7 18.7 18.7 20.2 20.2 20.9	19.0 19.4 19.6 19.6 19.5 21.1 21.7	19.3 19.7 19.9 20.0 20.0 19.9 21.5 22.1
2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	19.2 19.8 20.3 20.5 20.6 18.3 20.1 20.8 21.4 21.7	18.7 20.2 20.8 21.2 21.4 21.5 19.3 20.9 21.6 22.1	17.9 19.5 20.2 20.7 20.9 21.0 18.6 20.5 21.2 21.9	19.0 20.5 21.1 21.6 21.7 21.8 19.6 21.3 22.0	20.8 21.5 21.9 22.1 22.2 19.9 21.6 22.4	18.1 18.3 18.3 18.4 18.3 19.8 20.5	18.7 19.1 19.3 19.3 19.2 19.2 20.8 21.4	17.9 18.4 18.6 18.7 18.7 18.7 20.2 20.9	19.0 19.4 19.6 19.6 19.6 19.5 21.1 21.7	19.7 19.9 20.0 20.0 19.9 21.5 22.1
3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	19.2 19.8 20.3 20.5 20.6 18.3 20.1 20.8 21.4 21.7	20.2 20.8 21.2 21.4 21.5 19.3 20.9 21.6 22.1	19.5 20.2 20.7 20.9 21.0 18.6 20.5 21.2 21.9	20.5 21.1 21.6 21.7 21.8 19.6 21.3 22.0	20.8 21.5 21.9 22.1 22.2 19.9 21.6 22.4	18.1 18.3 18.3 18.4 18.3 19.8 20.5	19.1 19.3 19.3 19.2 19.2 20.8 21.4	18.4 18.6 18.7 18.7 18.7 20.2 20.9	19.4 19.6 19.6 19.5 21.1 21.7	19.7 19.9 20.0 20.0 19.9 21.5 22.1
4H 6H 8H 12H 2H 3H 4H 6H 8H	19.8 20.3 20.5 20.6 18.3 20.1 20.8 21.4 21.7	20.8 21.2 21.4 21.5 19.3 20.9 21.6 22.1	20.2 20.7 20.9 21.0 18.6 20.5 21.2 21.9	21.1 21.6 21.7 21.8 19.6 21.3 22.0	21.5 21.9 22.1 22.2 19.9 21.6 22.4	18.3 18.3 18.4 18.3 19.8 20.5	19.3 19.3 19.2 19.2 20.8 21.4	18.6 18.7 18.7 18.7 20.2 20.9	19.6 19.6 19.6 19.5 21.1 21.7	19.9 20.0 20.0 19.9 21.5 22.1
6H 8H 12H 2H 3H 4H 6H 8H	20.3 20.5 20.6 18.3 20.1 20.8 21.4 21.7	21.2 21.4 21.5 19.3 20.9 21.6 22.1	20.7 20.9 21.0 18.6 20.5 21.2 21.9	21.6 21.7 21.8 19.6 21.3 22.0	21.9 22.1 22.2 19.9 21.6 22.4	18.3 18.4 18.3 19.8 20.5	19.3 19.2 19.2 20.8 21.4	18.7 18.7 18.7 20.2 20.9	19.6 19.6 19.5 21.1 21.7	20.0 20.0 19.9 21.5 22.1
8H 12H 2H 3H 4H 6H 8H	20.5 20.6 18.3 20.1 20.8 21.4 21.7	21.4 21.5 19.3 20.9 21.6 22.1	20.9 21.0 18.6 20.5 21.2 21.9	21.7 21.8 19.6 21.3 22.0	22.1 22.2 19.9 21.6 22.4	18.4 18.3 19.8 20.5	19.2 19.2 20.8 21.4	18.7 18.7 20.2 20.9	19.6 19.5 21.1 21.7	20.0 19.9 21.5 22.1
12H 2H 3H 4H 6H 8H	20.6 18.3 20.1 20.8 21.4 21.7	21.5 19.3 20.9 21.6 22.1	21.0 18.6 20.5 21.2 21.9	21.8 19.6 21.3 22.0	22.2 19.9 21.6 22.4	18.3 19.8 20.5	19.2 20.8 21.4	18.7 20.2 20.9	19.5 21.1 21.7	19.9 21.5 22.1
2H 3H 4H 6H 8H	18.3 20.1 20.8 21.4 21.7	19.3 20.9 21.6 22.1	18.6 20.5 21.2 21.9	19.6 21.3 22.0	19.9 21.6 22.4	19.8 20.5	20.8 21.4	20.2 20.9	21.1 21.7	21.5
3H 4H 6H 8H	20.1 20.8 21.4 21.7	20.9 21.6 22.1	20.5 21.2 21.9	21.3 22.0	21.6 22.4	20.5	21.4	20.9	21.7	22.*
4H 6H 8H	20.8 21.4 21.7	21.6 22.1	21.2 21.9	22.0	22.4	8022336				
6H 8H	21.4 21.7	22.1	21.9			20.8	21.6	21.2	22.0	22.
8H	21.7			22.5						
	100	22.3		22.5	23.0	21.1	21.7	21.5	22.1	22.0
12H	21.8		22.1	22.7	23.2	21.1	21.7	21.6	22.2	22.0
		22.4	22.3	22.8	23.3	21.1	21.7	21.6	22.1	22.0
4H	21.1	21.7	21.6	22.2	22.6	21.7	22.3	22.1	22.7	23.2
6H	21.9	22.4	22.4	22.9	23.4	22.1	22.6	22.5	23.0	23.5
8H	22.2	22.7	22.7	23.1	23.6	22.2	22.7	22.7	23.1	23.0
12H	22.4	22.8	23.0	23.3	23.8	22.3	22.7	22.8	23.2	23.7
4H	21.1	21.7	21.6	22.1	22.6	21.8	22.4	22.3	22.8	23.3
бH	22.0	22.4	22.5	22.9	23.4	22.2	22.7	22.7	23.2	23.7
8H	22.3	22.7	22.8	23.2	23.7	22.4	22.8	23.0	23.3	23.8
ns wi	th the ot	oserverp	osition a	at spacin	ig:					
1.0H		0	.1 / -0	.1			0	.1 / -0.	1	
1.5H		0	.2 / -0	.3			0	.2 / -0.	3	
6 8 0 1	SH SH SW OH	0H 22.0 0H 22.3 15 with the of 0H 5H	22.0 22.4   21 22.3 22.7   22 3 22.7   32 33 33   32 34 34   34 34 34   35 36 36   36 36 36   37 36 36   36 36 36   37 36 36   37 36 36   38 36 36   39 36 36   39 36 36   39 36 36   39 36 36   30 36 36   30 36 36   31 37 36   32 37 36   33 36 36   34 37 36   35 36 36   36 37 36   37 37 36	OH 22.0 22.4 22.5   BH 22.3 22.7 22.8   Is with the observer position 0 0.1 / -0   5H 0.2 / -0	22.0 22.4 22.5 22.9   22.3 22.7 22.8 23.2   s with the observer position at spacin 0H   0H 0.1 / -0.1   5H 0.2 / -0.3	22.0 22.4 22.5 22.9 23.4   22.3 22.7 22.8 23.2 23.7   s with the observer position at spacing:   0H 0.1 / -0.1   5H 0.2 / -0.3	OH 22.0 22.4 22.5 22.9 23.4 22.2   21.3 22.7 22.8 23.2 23.7 22.4   Is with the observer position at spacing: 0H 0.1 / -0.1 -0.1   5H 0.2 / -0.3 -0.3 -0.1	DH 22.0 22.4 22.5 22.9 23.4 22.2 22.7   21.3 22.7 22.8 23.2 23.7 22.4 22.8   s with the observer position at spacing:   0H 0.1 / -0.1 0   5H 0.2 / -0.3 0	DH 22.0 22.4 22.5 22.9 23.4 22.2 22.7 22.7 22.7   23.3 22.7 22.8 23.2 23.7 22.4 22.8 23.0   s with the observer position at spacing:   0H 0.1 / -0.1 0.1 / -0.1 0.1 / -0.5   5H 0.2 / -0.3 0.2 / -0.3 0.2 / -0.3	OH 22.0 22.4 22.5 22.9 23.4 22.2 22.7 22.7 23.2   23.3 22.7 22.8 23.2 23.7 22.4 22.8 23.0 23.3   s with the observer position at spacing: OH 0.1 / -0.1 0.1 / -0.1 0.1 / -0.1   5H 0.2 / -0.3 0.2 / -0.3 0.2 / -0.3 0.2 / -0.3 0.2 / -0.3