iGuzzini

Last information update: May 2025

Product configuration: RC84

RC84: 596X596 - Sound-absorbent - neutral white - MPO screen UGR<19 - DALI



Product code

RC84: 596X596 - Sound-absorbent - neutral white - MPO screen UGR<19 - DALI

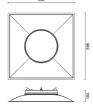
Technical description

596x596 mm luminaire for pendant installation or surface-mounted on a modular grille - LED lamp with high colour rendering index; 4000K neutral white colour tone emission. Body made of thermal insulating, sound-absorbent, 85% recycled polyester fibre material. OEKO-TEX certified, standard 100, class I, hypoallergenic, skin contact safe product. Waterproof, breathable, non putrescible panel. Product with high efficiency LED complete with MPO screen for UGR<19 L<3000 cd/mq α > 65° emission, for use in environments with video monitors in compliance with EN 12464-1. The DALI driver is free to be placed inside the the installation compartment as shown on the instruction sheet. Option of recessed installation in plasterboard ceilings using a frame to be ordered as an accessory. The product can be pendant-mounted using accessories to be ordered separately.

Installation

Colour

Surface-mounted on 600x600 mm modular panels. Recessed in plasterboard false ceilings using a frame accessory to be ordered separately. Pendant-mounted using accessories to be ordered separately.



White (01) | Grey (15) | Blue (16) | Light green (81)

Wiring Product complete with DALI components. The electrical cables used are made of a "halogen free" material. (This means that the cables do not contain any halogen materials that in the event of a fire do not emit toxic or corrosive gases and only a small quantity of opaque fumes).

1.9

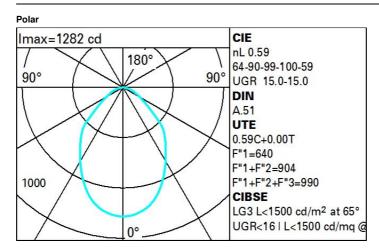
Weight (Kg)

Notes

See graph for acoustic calculation in Documentation Other colours and customised features are available on request. TPb rated



Technical data			
Im system:	2213	Colour temperature [K]:	4000
W system:	23.5	MacAdam Step:	3
Im source:	3750	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	21	Voltage [Vin]:	230
Luminous efficiency (Im/W,	94.1	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.)	59	assemblies:	
[%]:		Control:	DALI-2
CRI (minimum):	90		



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	43	38	35	32	37	34	34	30	52
1.0	47	42	39	36	42	38	38	35	59
1.5	52	49	46	43	48	45	45	42	70
2.0	55	53	50	48	52	49	49	46	78
2.5	57	55	53	51	54	52	51	49	83
3.0	58	57	55	53	55	54	53	51	86
4.0	60	58	57	56	57	56	55	53	90
5.0	61	59	58	57	58	57	56	54	92

Luminance curve limit

QC	Α	G	1.15	2000)	1000	5	00		<-3	300		
	в		1.50			2000	10	000	750	50	00	<=30	00
	C		1.85				20	000		10	00	500	<=300
85°									11		-		- 8
75°									H	\square	-		- 6 4
65°								\rightarrow	\frown	$\overline{\mathbf{A}}$	\geq	\square	2
55°									\rightarrow				a h
^{45°} 1	0 ²		2	3 4	5	6 8	10 ³	2	3	4 5	6	8 10 ⁴	cd/m ²
	C0-18) -				-		C9	0-270				-

UGR diagram

lim y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H 12H	0.70 0.50 0.20 13.3 14.1 14.3 14.4 14.4 14.4 14.3 13.6 14.6 14.9 15.0 15.0	0.70 0.30 0.20 14.3 15.0 15.2 15.2 15.1 15.1 15.1 14.5 15.3 15.5 15.6	0.50 0.20 viewed 13.6 14.4 14.7 14.8 14.8 14.7 14.8 14.7 14.0 14.9 15.3	0.50 0.30 0.20 e 14.6 15.2 15.5 15.5 15.5 15.4 14.8 15.6 15.9	0.30 0.30 0.20 14.8 15.5 15.8 15.8 15.8 15.8 15.8 15.8 15	0.70 0.50 0.20 13.3 13.5 13.6 13.6 13.6 13.6 13.6 14.3 14.8	14.3 14.4 14.5 14.4 14.3 14.3 14.3 15.2 15.5	0.50 0.20 viewed endwise 13.6 13.9 14.0 14.0 14.0 13.9 14.7 15.1	14.6 14.7 14.8 14.7 14.7 14.7 14.6 15.5 15.8	0.30 0.20 14.8 15.0 15.1 15.0 15.0 15.0 15.0
2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	0.50 0.20 13.3 14.1 14.3 14.4 14.4 14.4 14.3 13.6 14.6 14.9 15.0	0.20 14.3 15.0 15.2 15.2 15.1 15.1 14.5 15.3 15.5	0.20 viewed crosswis 13.6 14.4 14.7 14.8 14.7 14.8 14.7 14.0 14.9 15.3	0.20 e 14.6 15.2 15.5 15.5 15.5 15.4 14.8 15.6	0.20 14.8 15.5 15.8 15.8 15.8 15.8 15.8 15.8	0.20 13.3 13.5 13.6 13.6 13.6 13.6 13.6 14.3 14.3	0.20 14.3 14.4 14.5 14.4 14.3 14.3 14.3 15.2 15.5	0.20 viewed endwise 13.6 13.9 14.0 14.0 14.0 13.9 14.7 15.1	0.30 0.20 14.6 14.7 14.8 14.7 14.7 14.7 14.6 15.5 15.8	0.30 0.20 14.8 15.0 15.1 15.0 15.0 15.0 15.0 15.8 16.2
lim y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H 8H	13.3 14.1 14.3 14.4 14.4 14.3 13.6 14.6 14.9 15.0	14.3 15.0 15.2 15.2 15.1 15.1 14.5 15.3 15.5	viewed crosswis 13.6 14.4 14.7 14.8 14.8 14.7 14.0 14.9 15.3	e 14.6 15.2 15.5 15.5 15.5 15.4 14.8 15.6	14.8 15.5 15.8 15.8 15.8 15.8 15.8 15.8	13.3 13.5 13.6 13.6 13.6 13.6 13.6 14.3 14.3	14.3 14.4 14.5 14.4 14.3 14.3 14.3 15.2 15.5	viewed endwise 13.6 13.9 14.0 14.0 14.0 13.9 14.7 15.1	14.6 14.7 14.8 14.7 14.7 14.7 14.6 15.5 15.8	14.8 15.0 15.1 15.0 15.0 15.8 16.2
lim y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H 8H	14.1 14.3 14.4 14.4 14.3 13.6 14.6 14.9 15.0	14.3 15.0 15.2 15.2 15.1 15.1 15.1 14.5 15.3 15.5	13.6 14.4 14.7 14.8 14.8 14.8 14.7 14.0 14.9 15.3	14.6 15.2 15.5 15.5 15.5 15.4 14.8 15.6	15.5 15.8 15.8 15.8 15.8 15.8 15.1 16.0	13.5 13.6 13.6 13.6 13.6 13.6 14.3 14.3	14.3 14.4 14.5 14.4 14.3 14.3 14.3 15.2 15.5	endwise 13.6 13.9 14.0 14.0 14.0 13.9 14.7 15.1	14.6 14.7 14.8 14.7 14.7 14.7 14.6 15.5 15.8	15.0 15.1 15.1 15.0 15.0 15.0 15.2
2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	14.1 14.3 14.4 14.4 14.3 13.6 14.6 14.9 15.0	14.3 15.0 15.2 15.2 15.1 15.1 15.1 14.5 15.3 15.5	13.6 14.4 14.7 14.8 14.8 14.7 14.0 14.9 15.3	14.6 15.2 15.5 15.5 15.5 15.4 14.8 15.6	15.5 15.8 15.8 15.8 15.8 15.8 15.1 16.0	13.5 13.6 13.6 13.6 13.6 13.6 14.3 14.3	14.3 14.4 14.5 14.4 14.3 14.3 14.3 15.2 15.5	13.6 13.9 14.0 14.0 14.0 13.9 14.7 15.1	14.6 14.7 14.8 14.7 14.7 14.7 14.6 15.5 15.8	15.0 15.1 15.1 15.0 15.0 15.0 15.2
3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	14.1 14.3 14.4 14.4 14.3 13.6 14.6 14.9 15.0	15.0 15.2 15.2 15.1 15.1 14.5 15.3 15.5	14.4 14.7 14.8 14.8 14.7 14.0 14.9 15.3	15.2 15.5 15.5 15.5 15.4 14.8 15.6	15.5 15.8 15.8 15.8 15.8 15.8 15.1 16.0	13.5 13.6 13.6 13.6 13.6 13.6 14.3 14.3	14.4 14.5 14.4 14.3 14.3 15.2 15.5	13.9 14.0 14.0 14.0 13.9 14.7 15.1	14.7 14.8 14.7 14.7 14.6 15.5 15.8	15.0 15.1 15.1 15.0 15.0 15.0 15.2
4H 6H 8H 12H 2H 3H 4H 6H 8H	14.3 14.4 14.4 14.3 13.6 14.0 14.9 15.0	15.2 15.2 15.1 15.1 14.5 15.3 15.5	14.7 14.8 14.8 14.7 14.0 14.9 15.3	15.5 15.5 15.5 15.4 14.8 15.6	15.8 15.8 15.8 15.8 15.1 16.0	13.6 13.6 13.6 13.6 13.6 14.3 14.8	14.5 14.4 14.3 14.3 15.2 15.5	14.0 14.0 14.0 13.9 14.7 15.1	14.8 14.7 14.7 14.6 15.5 15.8	15.1 15.1 15.0 15.0 15.0 15.8
6H 8H 12H 2H 3H 4H 6H 8H	14.4 14.3 13.6 14.6 14.9 15.0	15.2 15.1 15.1 14.5 15.3 15.5	14.8 14.8 14.7 14.0 14.9 15.3	15.5 15.5 15.4 14.8 15.6	15.8 15.8 15.8 15.1 16.0	13.6 13.6 13.6 14.3 14.8	14.4 14.3 14.3 15.2 15.5	14.0 14.0 13.9 14.7 15.1	14.7 14.7 14.6 15.5 15.8	15.1 15.0 15.0 15.0 15.0
8H 12H 2H 3H 4H 6H 8H	14.4 14.3 13.6 14.6 14.9 15.0	15.1 15.1 14.5 15.3 15.5	14.8 14.7 14.0 14.9 15.3	15.5 15.4 14.8 15.6	15.8 15.8 15.1 16.0	13.6 13.6 14.3 14.8	14.3 14.3 15.2 15.5	14.0 13.9 14.7 15.1	14.7 14.6 15.5 15.8	15.0 15.0 15.8 16.2
12H 2H 3H 4H 6H 8H	14.3 13.6 14.6 14.9 15.0	15.1 14.5 15.3 15.5	14.7 14.0 14.9 15.3	15.4 14.8 15.6	15.8 15.1 16.0	13.6 14.3 14.8	14.3 15.2 15.5	13.9 14.7 15.1	14.6 15.5 15.8	15.0 15.8 16.2
2H 3H 4H 6H 8H	13.6 14.6 14.9 15.0	14.5 15.3 15.5	14.0 14.9 15.3	14.8 15.6	15.1 16.0	14.3 14.8	15.2 15.5	14.7 15.1	15.5 15.8	15.8 16.2
3H 4H 6H 8H	14.6 14.9 15.0	15.3 15.5	14.9 15.3	15.6	16.0	14.8	15.5	15.1	15.8	16.2
4H 6H 8H	14.9 15.0	15.5	15.3							
6H 8H	15.0			15.9	16.3	110				2.00
8H		15.6			10.0	14.9	15.5	15.3	15.9	16.3
	15.0		15.5	16.0	16.4	15.0	15.6	15.4	16.0	16.4
12H		15.5	15.5	15.9	16.4	15.0	15.5	15.5	15.9	16.4
	15.0	15.4	15.4	15.8	16.3	15.0	15.4	15.4	15.9	16.3
4H	15.0	15.5	15.5	15.9	16.4	15.0	15.5	15.5	15.9	16.
6H	15.2	15.6	15.6	16.0	16.5	15.1	15.5	15.6	16.0	16.5
8H	15.1	15.5	15.6	15.9	16.4	15.1	15.5	15.6	15.9	16.4
12H	15.1	15.4	15.6	15.9	16.4	15. <mark>1</mark>	15.4	15.6	15.9	16.4
4H	15.0	15.4	15.4	15.9	16.3	15.0	15. <mark>4</mark>	15.4	15.8	16.3
6H	15.1	15.5	15.6	15.9	16.4	15.1	15.4	15.6	15.9	16.4
8H	15.1	15.4	15.6	15.9	16.4	15. <mark>1</mark>	15.4	15.6	15.9	16.4
ns wi	th the ot	pserverp	osition	at spacin	g:					
1.0H		0	.5 / -0	.6			0	.5 / -0.	6	
1.5H		1	.0 / -1	.4			1	.0 / -1.	4	
1	4H 3H 3H 1S Wi 0H	4H 15.0 3H 15.1 3H 15.1 15.1 ns with the of 0H 5H	4H 15.0 15.4 3H 15.1 15.5 3H 15.1 15.4 15.1 15.4 15.1 15.1 15.4 15.1 15.1 15.4 15.4 15.1 15.4 15.4 15.1 15.4 15.4 15.1 15.4 15.4 15.1 15.4 15.4 15.1 15.4 15.4	4H 15.0 15.4 15.4 3H 15.1 15.5 15.6 3H 15.1 15.4 15.6 3H 15.1 15.4 15.6 1S 15.1 15.4 15.6 1S With the observer position 0 0H 0.5 / -0 0 5H 1.0 / -1 1.0 / -1	4H 15.0 15.4 15.4 15.9 3H 15.1 15.5 15.6 15.9 3H 15.1 15.4 15.6 15.9 3H 15.1 15.4 15.6 15.9 3H 15.1 15.4 15.6 15.9 IS with the observer position at spacin OH 0.5 / -0.6 5H 1.0 / -1.4	4H 15.0 15.4 15.4 15.9 16.3 3H 15.1 15.5 15.6 15.9 16.4 3H 15.1 15.4 15.6 15.9 16.4 3H 15.1 15.4 15.6 15.9 16.4 3H 15.1 15.4 15.6 15.9 16.4 swith the observer position at spacing: 0H 0.5 / -0.6 5H 1.0 / -1.4	4H 15.0 15.4 15.4 15.9 16.3 15.0 3H 15.1 15.5 15.6 15.9 16.4 15.1 3H 15.1 15.4 15.6 15.9 16.4 15.1 3H 15.1 15.4 15.6 15.9 16.4 15.1 as with the observer position at spacing: 0H 0.5 / -0.6 -0.6 5H 1.0 / -1.4	4H 15.0 15.4 15.9 16.3 15.0 15.4 3H 15.1 15.5 15.6 15.9 16.4 15.1 15.4 3H 15.1 15.4 15.6 15.9 16.4 15.1 15.4 3H 15.1 15.4 15.6 15.9 16.4 15.1 15.4 1S 15.1 15.4 15.6 15.9 16.4 15.1 15.4 1S 15.1 15.4 15.6 15.9 16.4 15.1 15.4 1S 15.7 15.6 15.9 16.4 15.1 15.4 1S 15.7 15.6 15.9 16.4 15.1 15.4 1S 0.5 -0.6 0 0 0 0 1 5H 1.0 -1.4 1 1 1 1 1	4H 15.0 15.4 15.4 15.9 16.3 15.0 15.4 15.4 3H 15.1 15.5 15.0 15.9 16.4 15.1 15.4 15.6 3H 15.1 15.4 15.6 15.9 16.4 15.1 15.4 15.6 3H 15.1 15.4 15.6 15.9 16.4 15.1 15.4 15.6 19 with the observer position at spacing: 0H 0.5 / -0.6 0.5 / -0.7 0.5 / -0.7 5H 1.0 / -1.4 1.0 / -1.4 1.0 / -1. 1.0 / -1. 1.0 / -1.	4H 15.0 15.4 15.4 15.9 16.3 15.0 15.4 15.4 15.8 3H 15.1 15.5 15.6 15.9 16.4 15.1 15.4 15.6 15.9 3H 15.1 15.4 15.6 15.9 16.4 15.1 15.4 15.6 15.9 98 with the observer position at spacing: 0H 0.5 / -0.6 0.5 / -0.6 0.5 / -0.6 5H 1.0 / -1.4 1.0 / -1.4 1.0 / -1.4