iGuzzini

Last information update: October 2023

Product configuration: P302

P302: 625x625 - warm White - UGR<19 - DALI

Design iGuzzini

Product code

P302: 625x625 - warm White - UGR<19 - DALI Attention! Code no longer in production

Technical description

Recessed direct emission luminaire designed to use Warm White colour 3000K LEDs and be installed in 625x625 mm modular false ceilings. The optical assembly is made of a thermoplastic material for controlled luminance with a UGR<19 L<3000 cd/m2 $c \ge 65^{\circ}$ beam, ideal for environments with video terminals. Product complete with DALI ballast.

recessed in 625x625 mm modular false ceilings

Colour

Installation

White (01)

Mounting ceiling surface

Wiring

product complete with DALI components



Technical data

rechnical data					
Im system:	3648	Colour temperature [K]:	3000		
W system:	35	MacAdam Step:	3		
Im source:	4450	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)		
W source:	30	Ballast losses [W]:	5		
Luminous efficiency (Im/W,	104.2	Lamp code:	LED		
real value):		Number of lamps for optical	1		
Im in emergency mode:	-	assembly:			
	0	ZVEI Code:	LED		
an angle of 90° [Lm]:		Number of optical	1		
Light Output Ratio (L.O.R.)	82	assemblies:			
[%]:		Control:	DALI		
CRI:	80				

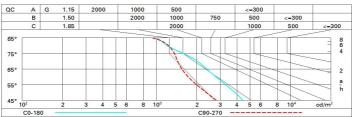
Polar

Imax=1933 cd	C0-180		Lux				
90°	90°	nL 0.82 62-88-98-100-82	h	d1	d2	Em	Emax
		UGR 18.3-16.3 DIN A.51	2	4.1	2.9	<mark>325</mark>	483
		UTE 0.82C+0.00T F"1=619	4	8.3	5.8	81	121
2000		F"1+F"2=883 F"1+F"2+F"3=979 CIBSE	6	12.4	8.7	36	54
α=92° / 72°	\boldsymbol{X}	LG3 L<3000 cd/m² at 65° UGR<19 L<3000 cd/mq @	65 <mark>8</mark>	<mark>16.6</mark>	11.6	20	30

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	59	52	47	43	51	46	46	41	50
1.0	65	58	53	49	57	52	52	47	57
1.5	72	67	62	59	65	62	61	56	69
2.0	76	72	69	66	71	68	67	63	76
2.5	79	75	73	70	74	71	70	67	81
3.0	81	78	75	73	76	74	73	69	85
4.0	83	80	78	77	79	77	76	72	88
5.0	84	82	80	79	80	79	77	74	91

Luminance curve limit



UGR diagram

Rifled	et e											
ceil/cav walls work pl.		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	
Room dim		viewed					viewed					
x	У	crosswise					endwise					
2H	2H	16.4	17.4	16.7	17.7	1 8.0	14.1	15.1	14.4	15.4	15.6	
	ЗH	17.3	18.2	17.6	18.5	18.8	14.5	15.4	14.8	15.7	16.0	
	4H	17.5	18.4	17.9	18.7	19.0	14.7	15.5	15.0	15.8	16.2	
	6H	17.7	18.5	18.1	18.8	19.2	14.7	15.5	15.1	15.8	16.2	
	BH	17.7	18.5	18.1	18.8	19.2	14.7	15.5	15.1	15.8	16.2	
	12H	17.7	18.5	18.1	<mark>18.8</mark>	19.2	14.7	15. <mark>4</mark>	15.1	15.8	16.1	
4H	2H	16.6	17.5	17.0	17.8	18.1	15.3	16.2	15.6	16.5	16.8	
	ЗH	17.7	18.4	18.1	18.8	19.1	15.9	16.6	16.3	17.0	17.3	
	4H	18.0	18.7	18.4	19.1	19.5	16.1	16.8	16.5	17.2	17.5	
	6H	18.3	18.8	18.7	19.2	19.7	16.3	16.9	16.7	17.3	17.7	
	BH	18.3	18.9	18.8	19.3	19.7	16.3	16.9	16.8	17.3	17.7	
	12H	18.4	18.8	18.8	19.3	19.7	16.3	16.8	16.8	17.2	17.7	
вн	4H	18.1	18.6	18.5	19.0	19.5	16.7	17.2	17.1	17.6	18.	
	6H	18.4	18.9	18.9	19.3	19.8	16.9	17.4	17.4	17.8	18.3	
	BH	18.5	18.9	19.0	19.4	19.9	17.0	17.4	17.5	17.9	18.4	
	12H	18.6	18.9	19.1	19.4	19.9	17.1	17.4	17.6	17.9	18.4	
12H	4H	18.1	18.6	18.5	19.0	19.5	16.7	17.2	17.2	17.7	18.1	
	6H	18.4	18.8	18.9	19.3	19.8	17.1	17.4	17.5	17.9	18.4	
	H8	18.6	18.9	19.1	19.4	19.9	17.2	17.5	17.7	18.0	18.5	
Varia	tions wi	th the ot	oserver p	osition	at spacin	ig:						
S =	1.0H		0	.2 / -0	3	0.3 / -0.4						
	1.5H	0.6 / -0.9						0.5 / -0.9				
	1.5H 2.0H							0.5 / -0.9 0.9 / -1.2				