Design iGuzzini

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Last information update: June 2024

Product configuration: 4589

4589: standard lamp - 682x350 mm H 1900 mm - LED neutral white



Product code

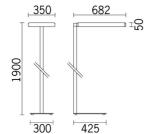
4589: standard lamp - 682x350 mm H 1900 mm - LED neutral white

Technical description

Direct/indirect emission floor lamp designed to use neutral white 4000 K LED lamps. Light flow split into 34% downlight, 66% uplight. Optical assembly with painted, extruded aluminium lateral profiles, die-cast aluminium end caps. Optical assembly consists of superpure aluminium reflectors. The polycarbonate diffuser screen has microprisms and, combined with a milky diffuser film, allows optimum diffusion of the direct light and luminance control L<1,500 cd/m2 for ∞65°. Luminaire suitable for use in environments with video terminals in accordance with EN 12464-1. The optical assembly is supported by an extruded aluminium rod with a square cross-section. The steel fork-shaped base is fitted with non-slip rubber pads. Assembly of the rod - base is facilitated by the presence of quick-coupling connectors.

Installation

Standard lamp, with rod and base. The luminaire is fitted with a 2m long electrical cable with plug.



Colour

White (01) | Grey (15)

Weight (Kg)

13.38

Mounting

free standing

Wiring

Dimmable control gear (push-dim). The electronic components needed for operation are housed in the inner structure and covered by a sheet aluminium guard.

Notes

The luminaire conforms to anti-tipping regulations. The product complies with EN605981 and the relative notes.

Complies with EN60598-1 and pertinent regulations











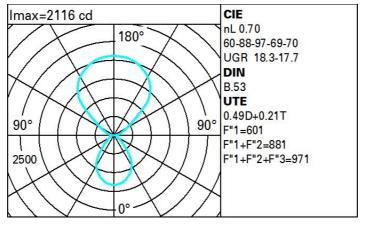




Technical data

Im system:	6789	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W system:	61.4	Lamp code:	LED
Im source:	9700	Number of lamps for optical	1
W source:	57	assembly:	
Luminous efficiency (lm/W,	110.6	ZVEI Code:	LED
real value):		Number of optical	1
Im in emergency mode:	-	assemblies:	
Total light flux at or above	4714	Power factor:	See installation instructions
an angle of 90° [Lm]:		Inrush current:	24.9 A / 215 μs
Light Output Ratio (L.O.R.)	70	Minimum dimming %:	1
[%]:		Overvoltage protection:	/kV Common mode & /kV
CRI (minimum):	80		Differential mode
Colour temperature [K]:	4000	Control:	Push Dim
MacAdam Step:	3		

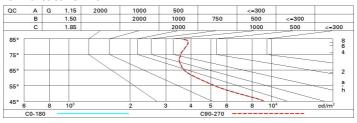
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	44	38	34	30	35	31	29	24	49
1.0	48	43	38	35	39	36	33	27	56
1.5	54	50	46	43	46	43	40	33	68
2.0	58	54	51	49	50	47	44	37	75
2.5	60	57	54	52	52	50	46	39	80
3.0	61	59	57	54	54	52	48	41	84
4.0	63	61	59	57	56	54	50	42	87
5.0	64	62	61	59	57	56	51	43	89

Luminance curve limit



2H 3H 4H 6H 12H 2H 3H	0.70 0.50 0.20 16.0 16.6 17.0 17.4 17.5 17.7	0.70 0.30 0.20 16.7 17.3 17.6 17.9 18.1 18.2	0.50 0.50 0.20 viewed crosswise 16.7 17.4 17.7 18.1 18.3 18.4		0.30 0.30 0.20 18.2 18.9 19.2 19.6 19.8	0.70 0.50 0.20 16.0 16.1 16.1 16.1 16.1	0.70 0.30 0.20 16.7 16.8 16.8 16.7 16.6	0.50 0.50 0.20 viewed endwise 16.7 16.9 16.9	0.50 0.30 0.20 17.4 17.5 17.5 17.4	0.30 0.30 0.20 18.2 18.4 18.4
2H 3H 4H 6H 8H 12H	16.0 16.6 17.0 17.4 17.5 17.7	0.30 0.20 16.7 17.3 17.6 17.9 18.1 18.2	0.50 0.20 viewed crosswise 16.7 17.4 17.7 18.1 18.3	0.30 0.20 e 17.4 18.0 18.3 18.7 18.8	0.30 0.20 18.2 18.9 19.2 19.6 19.8	0.50 0.20 16.0 16.1 16.1 16.1	0.30 0.20 16.7 16.8 16.8 16.7	0.50 0.20 viewed endwise 16.7 16.9 16.9	0.30 0.20 17.4 17.5 17.5	0.30 0.20 18.2 18.4
2H 3H 4H 6H 8H 12H	16.0 16.6 17.0 17.4 17.5 17.7	16.7 17.3 17.6 17.9 18.1 18.2	0.20 viewed crosswise 16.7 17.4 17.7 18.1 18.3	0.20 e 17.4 18.0 18.3 18.7 18.8	18.2 18.9 19.2 19.6 19.8	16.0 16.1 16.1 16.1	16.7 16.8 16.8 16.7	0.20 viewed endwise 16.7 16.9 16.9 16.9	0.20 17.4 17.5 17.5	18.1 18.1
2H 3H 4H 6H 8H 12H	16.0 16.6 17.0 17.4 17.5 17.7	16.7 17.3 17.6 17.9 18.1 18.2	16.7 17.4 17.7 18.1 18.3	17.4 18.0 18.3 18.7	18.2 18.9 19.2 19.6 19.8	16.0 16.1 16.1 16.1	16.7 16.8 16.8 16.7	viewed endwise 16.7 16.9 16.9 16.9	17.4 17.5 17.5	18. 18. 18.
y 2H 3H 4H 6H 8H 12H	16.6 17.0 17.4 17.5 17.7	16.7 17.3 17.6 17.9 18.1 18.2	16.7 17.4 17.7 18.1 18.3	17.4 18.0 18.3 18.7 18.8	18.9 19.2 19.6 19.8	16.1 16.1 16.1	16.8 16.8 16.7	16.7 16.9 16.9 16.9	17.4 17.5 17.5	18. 18.
2H 3H 4H 6H 8H 12H	16.6 17.0 17.4 17.5 17.7	16.7 17.3 17.6 17.9 18.1 18.2	16.7 17.4 17.7 18.1 18.3	17.4 18.0 18.3 18.7	18.9 19.2 19.6 19.8	16.1 16.1 16.1	16.8 16.8 16.7	16.7 16.9 16.9 16.9	17.4 17.5 17.5	18. 18.
3H 4H 6H 8H 12H	16.6 17.0 17.4 17.5 17.7	17.3 17.6 17.9 18.1 18.2	17.4 17.7 18.1 18.3	18.0 18.3 18.7 18.8	18.9 19.2 19.6 19.8	16.1 16.1 16.1	16.8 16.8 16.7	16.9 16.9 16.9	17.5 17.5	18. 18.
4H 6H 8H 12H	17.0 17.4 17.5 17.7	17.6 17.9 18.1 18.2	17.7 18.1 18.3	18.3 18.7 18.8	19.2 19.6 19.8	16.1 16.1	16.8 16.7	16.9 16.9	17.5	18.
6H 8H 12H 2H	17.4 17.5 17.7	17.9 18.1 18.2	18.1 18.3	18.7 18.8	19.6 19.8	16.1	16.7	16.9		
8H 12H 2H	17.5 17.7 16.1	18.1 18.2	18.3	18.8	19.8	Control of the Control			17.4	18.
12H 2H	17.7 16.1	18.2				16.1	16.6	10.0		
2H	16.1	1000000	18.4	18.9	10.0			16.9	17.4	18.
	177	16.8			19.9	16.0	16.6	16.8	17.3	18.
3H	l	10.0	16.9	17.5	18.4	17.0	17.6	17.7	18.3	19.
OIT	17.0	17.5	17.8	18.3	19.3	17.4	17.9	18.2	18.7	19.
4H	17.5	18.0	18.3	18.8	19.7	17.5	18.0	18.3	18.8	19.
6H	18.1	18.5	18.9	19.3	20.3	17.7	18.0	18.5	18.9	19.
H8	18.3	18.7	19.1	19.5	20.5	17.7	18.0	18.5	18.9	19.
12H	18.5	18.8	19.3	19.6	20.7	17.7	18.0	18.5	18.8	19.
4H	17.7	18.0	18.5	18.9	19.9	18.3	18.7	19.1	19.5	20.
6H	18.4	18.7	19.3	19.5	20.6	18.6	18.9	19.5	19.8	20.
HS	18.7	19.0	19.6	19.9	20.9	18.7	19.0	19.6	19.9	20.
12H	19.0	19.2	19.9	20.1	21.2	18.8	19.1	19.7	19.9	21.
4H	17.7	18.0	18.5	18.8	19.9	18.5	18.8	19.3	19.6	20.
бН	18.4	18.7	19.3	19.6	20.6	18.8	19.1	19.7	20.0	21.
HS	18.8	19.1	19.7	19.9	21.0	19.0	19.2	19.9	20.1	21.
ons wi	th the ob	serverp	osition	at spacin	g:	100				
1.0H		0	.4 / -0.	4			(0.4 / -0.	4	
1.5H		0	.7 / -0.	8.			(0.7 / -0.8	8	
0n	BH BH BH B Wi	3H 18.4 3H 18.8 9 with the ob 0H 5H	3H 18.4 18.7 3H 18.8 19.1 3 with the observer p 5H 0	9H 18.4 18.7 19.3 9H 18.8 19.1 19.7 9s with the observer position of the control	0H 18.4 18.7 19.3 19.0 0H 18.8 19.1 19.7 19.9 19 with the observer position at spacin 0H 0.4 / -0.4 5H 0.7 / -0.8	0H 18.4 18.7 19.3 19.6 20.6 0H 18.8 19.1 19.7 19.9 21.0 19 with the observer position at spacing: 10H 0.4 / -0.4 15H 0.7 / -0.8	9H 18.4 18.7 19.3 19.6 20.6 18.8 19.1 19.7 19.9 21.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 1	0H 18.4 18.7 19.3 19.6 20.6 18.8 19.1 19.8 19.1 19.9 21.0 19.0 19.2 19.0 19.0 19.2 19.0 19.0 19.2 19.0 19.0 19.2 19.0 19.0 19.2 19.0 19.0 19.2 19.0 19.0 19.2 19.0 19.0 19.2 19.0 19.0 19.2 19.0 19.0 19.2 19.0 19.0 19.2 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0	H 18.4 18.7 19.3 19.6 20.6 18.8 19.1 19.7 19.9 21.0 19.0 19.2 19.9 19.9 19.0 19.0 19.2 19.9 19.9 19.0 19.0 19.2 19.9 19.9 19.9 19.9 19.9 19.9 19.9	H 18.4 18.7 19.3 19.6 20.6 18.8 19.1 19.7 20.0 19.8 19.1 19.7 20.1 19.9 21.0 19.0 19.2 19.9 20.1 19.0 19.2 19.9 20.1 19.0 19.2 19.9 20.1 19.0 19.2 19.9 20.1 19.0 19.2 19.9 20.1 19.0 19.2 19.9 20.1 19.0 19.2 19.9 20.1 19.0 19.2 19.9 20.1 19.0 19.2 19.9 20.1 19.0 19.2 19.9 20.1 19.0 19.2 19.9 20.1 19.0 19.2 19.9 20.1 19.0 19.2 19.9 20.1 19.0 19.2 19.9 20.1 19.0 19.2 19.0 19.0 19.2 19.9 20.1 19.0 19.2 19.0 19.0 19.2 19.0 19.0 19.2 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0