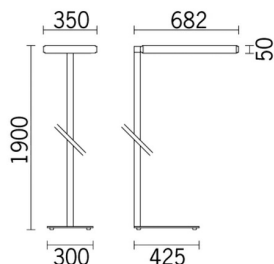


Last information update: June 2018

**standard lamp - 682x350 mm H 1900 mm - LED neutral white****Product code**

4589

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 super-pure 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 $L < 1,500 \text{ cd/m}^2$ for $\alpha \geq 65^\circ$. 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.

Dimension (mm)

682x350x50

Colour

White (01) | Grey (15)

Weight (Kg)

13.4

Mounting

free standing

Wiring

DALI dimmable control gear. 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



IP20

**Product configuration: 4589****Product characteristics**

Total lighting output [Lm]: 6999
Total power [W]: 79
Luminous efficacy [Lm/W]: 88.6
Life Time: 50,000h - L80 - B10 (Ta 25°C)

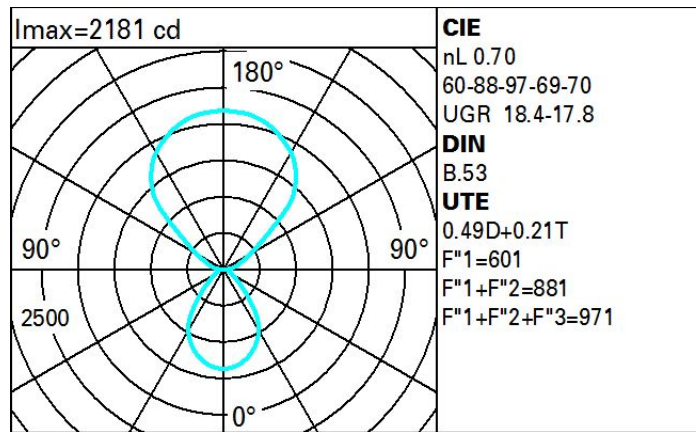
Total luminous flux at or above an angle of 90° [Lm]: 4859
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 70
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 73
Nominal luminous [Lm]: 10000
Lamp maximum intensity [cd]: /
Beam angle [°]: /

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 6
Colour temperature [K]: 4000
CRI: 80
Wavelength [nm]: /
MacAdam Step: 3.5

Polar



UGR diagram

Corrected UGR values (at 10000 lm bare lamp luminous flux)												
Reflect.: ceiling/cav 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	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	0.30
		0.20	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	16.1	16.8	16.8	17.5	18.3	16.1	16.8	16.8	17.5	18.3	
	3H	16.7	17.4	17.5	18.1	19.0	16.2	16.9	17.0	17.6	18.5	
	4H	17.1	17.7	17.9	18.5	19.3	16.3	16.9	17.0	17.6	18.5	
	6H	17.5	18.0	18.2	18.8	19.7	16.2	16.8	17.0	17.5	18.5	
	8H	17.6	18.2	18.4	19.0	19.9	16.2	16.7	17.0	17.5	18.4	
	12H	17.8	18.3	18.6	19.1	20.0	16.2	16.7	16.9	17.4	18.4	
4H	2H	16.3	16.9	17.0	17.6	18.5	17.1	17.7	17.9	18.5	19.3	
	3H	17.1	17.6	17.9	18.4	19.4	17.5	18.0	18.3	18.8	19.7	
	4H	17.6	18.1	18.4	18.9	19.8	17.6	18.1	18.4	18.9	19.8	
	6H	18.2	18.6	19.0	19.4	20.4	17.8	18.1	18.6	19.0	20.0	
	8H	18.4	18.8	19.3	19.6	20.6	17.8	18.1	18.6	19.0	20.0	
	12H	18.6	18.9	19.4	19.8	20.8	17.8	18.1	18.6	19.0	20.0	
8H	4H	17.8	18.1	18.6	19.0	20.0	18.4	18.8	19.3	19.6	20.6	
	6H	18.5	18.8	19.4	19.7	20.7	18.7	19.0	19.6	19.9	20.9	
	8H	18.8	19.1	19.7	20.0	21.0	18.8	19.1	19.7	20.0	21.0	
	12H	19.1	19.3	20.0	20.2	21.3	19.0	19.2	19.8	20.0	21.1	
12H	4H	17.8	18.1	18.6	19.0	20.0	18.6	18.9	19.4	19.8	20.8	
	6H	18.6	18.8	19.4	19.7	20.7	18.9	19.2	19.8	20.1	21.1	
	8H	19.0	19.2	19.8	20.0	21.1	19.1	19.3	20.0	20.2	21.3	
Variations with the observer position at spacing:												
S =		1.0H	0.4 / -0.4		0.4 / -0.4							
		1.5H	0.7 / -0.8		0.7 / -0.8							
		2.0H	1.4 / -1.0		1.4 / -1.0							