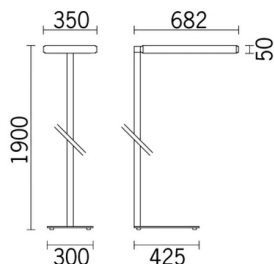


Last information update: June 2018

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

Q272

**Technical description**

Direct and indirect emission standard lamp luminaire designed to use 4000 K neutral white LED lamps. Light flow split into 34% down light, 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  $L < 3000 \text{ cd/m}^2$  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: Q272****Product characteristics**

Total lighting output [Lm]: 12918.3  
Total power [W]: 100  
Luminous efficacy [Lm/W]: 129.2  
Number of optical assemblies: 1

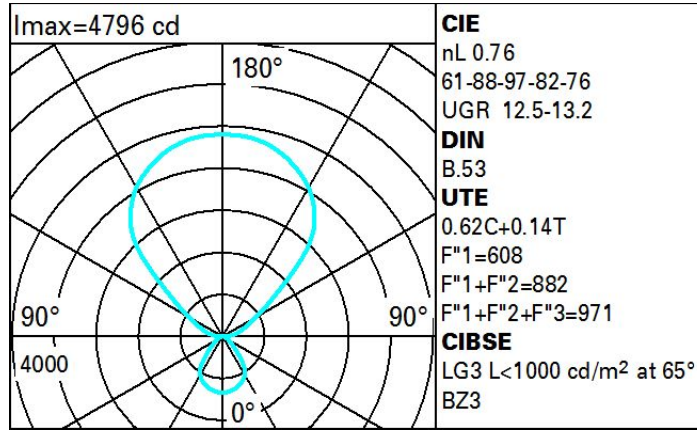
Total luminous flux at or above an angle of  $90^\circ$  [Lm]: 10587.8  
Emergency luminous flux [Lm]: /  
Voltage [V]: -

**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 76  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 100  
Nominal luminous [Lm]: 17000  
Lamp maximum intensity [cd]: /  
Beam angle [°]: /

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 0  
Colour temperature [K]: 4000  
CRI: 80  
Wavelength [nm]: /  
MacAdam Step: 3

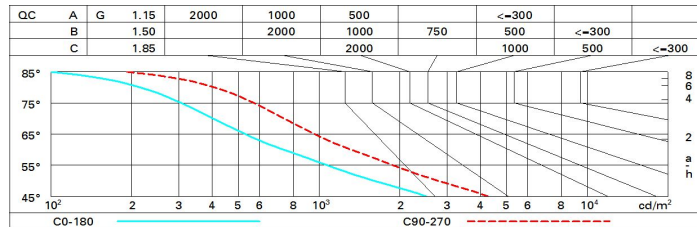
**Polar**



**Utilisation factors**

R	77	75	73	71	55	53	33	00	DRR
K0.8	51	44	39	36	42	38	36	31	49
1.0	55	49	45	41	47	43	41	35	56
1.5	62	57	53	50	54	51	48	42	68
2.0	66	62	59	56	59	56	53	47	76
2.5	68	65	62	60	61	59	56	50	80
3.0	70	67	65	62	63	61	58	52	84
4.0	72	69	68	66	66	64	61	54	87
5.0	73	71	69	68	67	66	62	56	90

**Luminance curve limit**



**UGR diagram**

Corrected UGR values (at 17000 lm bare lamp luminous flux)											
Reflect.:		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
ceiling/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		viewed crosswise					viewed endwise				
x	y										
2H	2H	11.7	12.5	12.2	13.0	13.7	12.6	13.5	13.2	14.0	14.6
	3H	12.0	12.7	12.6	13.3	13.9	12.6	13.4	13.2	14.0	14.6
	4H	12.1	12.8	12.7	13.4	14.0	12.6	13.3	13.2	13.9	14.6
	6H	12.1	12.8	12.8	13.4	14.1	12.5	13.2	13.1	13.8	14.5
	8H	12.2	12.8	12.8	13.4	14.1	12.5	13.1	13.1	13.7	14.4
	12H	12.1	12.7	12.8	13.4	14.1	12.4	13.0	13.1	13.6	14.4
4H	2H	11.7	12.4	12.3	13.0	13.7	13.1	13.8	13.7	14.4	15.1
	3H	12.1	12.7	12.8	13.3	14.1	13.3	13.8	13.9	14.5	15.2
	4H	12.3	12.8	13.0	13.5	14.2	13.3	13.8	13.9	14.4	15.2
	6H	12.5	12.9	13.1	13.6	14.4	13.3	13.7	14.0	14.4	15.2
	8H	12.5	12.9	13.2	13.6	14.4	13.2	13.7	13.9	14.3	15.1
	12H	12.5	12.9	13.2	13.6	14.4	13.2	13.6	13.9	14.3	15.1
8H	4H	12.3	12.7	13.0	13.4	14.2	13.5	13.9	14.2	14.6	15.4
	6H	12.5	12.9	13.3	13.6	14.4	13.6	13.9	14.3	14.6	15.5
	8H	12.6	12.9	13.3	13.6	14.5	13.6	13.9	14.3	14.6	15.5
	12H	12.6	12.9	13.4	13.6	14.5	13.6	13.8	14.3	14.6	15.4
12H	4H	12.3	12.7	13.0	13.4	14.2	13.5	13.9	14.2	14.6	15.4
	6H	12.5	12.8	13.3	13.5	14.4	13.6	13.9	14.3	14.6	15.5
	8H	12.6	12.8	13.3	13.6	14.5	13.6	13.9	14.4	14.6	15.5
Variations with the observer position at spacing:											
S =	1.0H	0.7 / -1.1					0.7 / -1.0				
	1.5H	1.9 / -2.1					2.2 / -1.9				
	2.0H	3.3 / -2.6					3.7 / -2.6				