

Last information update: June 2018



Table luminaire with white LED

Product code
4059

Technical description

Table lamp made using aluminium and steel with a shiny chrome-plated finish consisting of concentric coils and an adjustable head end-piece in die cast-aluminium. The base of the appliance is fitted with non-scratch rubber feet. The spirals are mechanically hinged using hidden hi-tech couplings, which have been calibrated so as to guarantee a specific amount of friction for each coupling section. The head part of the appliance holds 6 white LED bulbs with a power of 1W each, which are fitted with diffusing lenses and an activation system consisting of an on-off touch-switch with a stand by light sensor.

Dimension (mm)
295x285x18

Colour
Chrome (10)

Weight (Kg)
2.53

Mounting
table top

Wiring

The product comes complete with transparent power-supply cable L=2000 mm and an operating ballast with incorporated plug.

Complies with EN60598-1 and pertinent regulations



Product configuration: 4059

Product characteristics

Total lighting output [Lm]: 187
Total power [W]: 8.7
Luminous efficacy [Lm/W]: 21.5
Life Time: 50,000h - L70 - B20 (Ta 25°C)

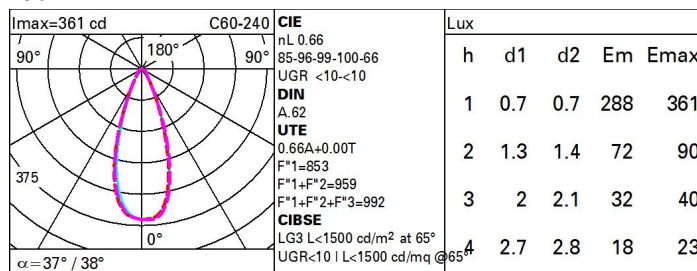
Total luminous flux at or above an angle of 90° [Lm]: 1
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 66
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 7.4
Nominal luminous [Lm]: 282
Lamp maximum intensity [cd]: /
Beam angle [°]: 37° / 38°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 1.3
Colour temperature [K]: 6700
CRI: 74
Wavelength [Nm]: /
MacAdam Step: /

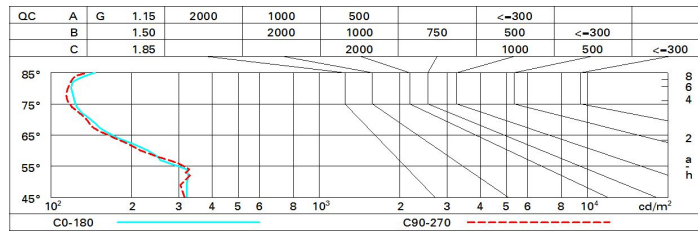
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	55	51	48	46	50	48	47	45	68
1.0	59	55	52	50	54	51	51	48	73
1.5	63	60	58	56	59	57	56	54	81
2.0	65	63	61	60	62	60	60	57	87
2.5	67	65	64	62	64	63	62	60	90
3.0	68	67	65	64	65	64	63	61	93
4.0	69	68	67	66	67	66	65	63	95
5.0	70	69	68	67	68	67	66	64	96

Luminance curve limit



UGR diagram

Corrected UGR values (at 282 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
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	4.5	5.2	4.8	5.5	5.7	4.3	5.0	4.5	5.2	5.5
	3H	5.0	5.7	5.4	6.0	6.3	4.5	5.2	4.9	5.5	5.8
	4H	5.2	5.9	5.6	6.2	6.5	4.6	5.2	4.9	5.5	5.8
	6H	5.4	6.0	5.8	6.3	6.7	4.6	5.1	4.9	5.5	5.8
	8H	5.5	6.1	5.9	6.4	6.8	4.5	5.1	4.9	5.4	5.8
	12H	5.6	6.1	6.0	6.5	6.8	4.5	5.0	4.9	5.4	5.8
4H	2H	4.7	5.4	5.1	5.7	6.0	4.8	5.5	5.2	5.8	6.1
	3H	5.4	6.0	5.8	6.3	6.7	5.2	5.7	5.6	6.1	6.5
	4H	5.7	6.2	6.1	6.6	7.0	5.3	5.8	5.7	6.2	6.5
	6H	6.0	6.4	6.5	6.8	7.3	5.4	5.8	5.8	6.2	6.6
	8H	6.2	6.5	6.6	7.0	7.4	5.4	5.7	5.8	6.2	6.6
	12H	6.3	6.6	6.7	7.1	7.5	5.3	5.7	5.8	6.1	6.6
8H	4H	5.8	6.1	6.2	6.6	7.0	5.6	6.0	6.0	6.4	6.8
	6H	6.2	6.5	6.6	6.9	7.4	5.7	6.0	6.2	6.5	7.0
	8H	6.4	6.6	6.9	7.1	7.6	5.8	6.1	6.3	6.5	7.0
	12H	6.6	6.8	7.1	7.3	7.8	5.8	6.1	6.3	6.6	7.1
12H	4H	5.7	6.1	6.2	6.5	7.0	5.7	6.0	6.2	6.5	6.9
	6H	6.2	6.4	6.7	6.9	7.4	5.9	6.2	6.4	6.6	7.1
	8H	6.4	6.6	6.9	7.1	7.6	6.0	6.2	6.5	6.7	7.2
Variations with the observer position at spacing:											
S =	1.0H	0.3 / -0.3					0.4 / -0.2				
	1.5H	0.8 / -1.4					0.8 / -1.4				
	2.0H	1.5 / -1.8					1.7 / -2.1				