

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: ELMARK

Supplier's address: ELMARK INDUSTRIES SC, bul.Dobrudja 2, 9300 Dobrich Dobrich, BG

Model identifier: 92EL62281330/WH

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Integrated LED		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 080 in Narrow cone (90°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	3 000
On-mode power (P_{on}), expressed in W	11,6	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,20
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	83
Outer dimensions without separate control gear, lighting control	Height	120	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	59	
	Depth	59	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,435 0,403
Parameters for directional light sources:			
Peak luminous intensity (cd)	717	Beam angle in degrees, or the range of beam angles that can be set	76
Parameters for LED and OLED light sources:			
R9 colour rendering index value	11	Survival factor	0,50
the lumen maintenance factor	0,95		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,80	Colour consistency in McAdam ellipses	1
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	0,0	Stroboscopic effect metric (SVM)	0,0

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report

Product Information

Product Category: SMD 筒灯
Product Spec: 120*59mm
Submitted Unit: WH

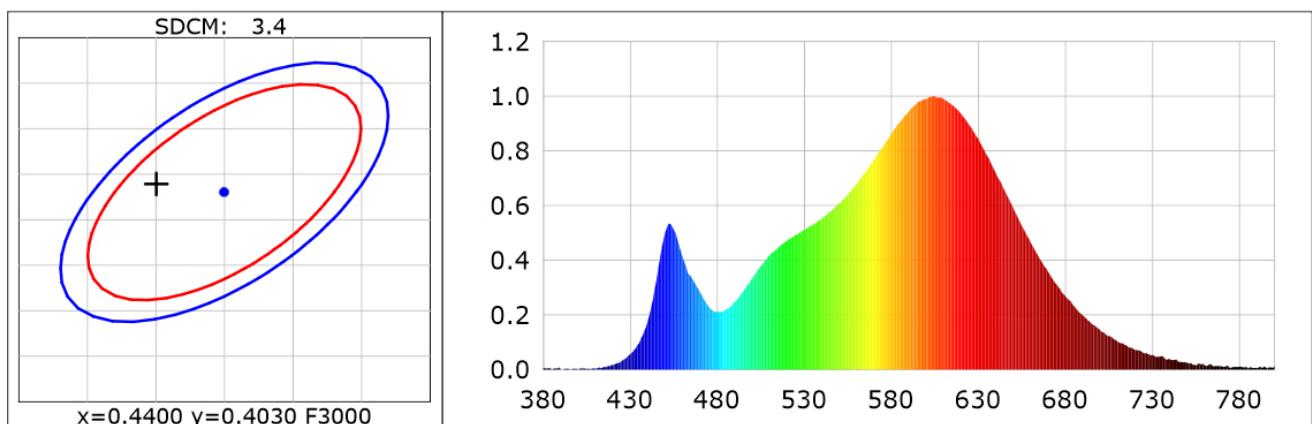
Product Type: BR6228-12W
Product Number: 753
Buyer: BARON

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4350$ $y=0.4039$ $u(u')=0.2494$ $v=0.3474$ $v'=0.5210$
CCT: $T_c=3031K$ ($duv=0.00019$) Color Ratio: $R=0.229$ $G=0.744$ $B=0.027$
Peak Wavelength: 604nm Half Bandwidth: 129.9nm
Dominant Wavelength: 583.6nm Color Purity: 0.518

CRI: R_i : $R_a=83.7$

$R_1=82$ $R_2=92$ $R_3=96$ $R_4=82$ $R_5=83$ $R_6=91$ $R_7=82$ $R_8=60$
 $R_9=11$ $R_{10}=82$ $R_{11}=82$ $R_{12}=73$ $R_{13}=85$ $R_{14}=99$ $R_{15}=75$



Photometric Parameters

Luminous Flux: 955.0 lm

Efficiency: 82.32 lm/W

Radiant Power: 2.893 W

Electric Parameters

Voltage: 231.50V

Current: 0.0610A

Power: 11.60W

Power Factor: 0.8190

Frequency: 50.01Hz

Test Information

Scan Range: 380nm~800nm:1nm
Stabilization Time: 0 ms
Max of Signal: 47844 (3461)

Photometric Method:
Photometric Condition: Sphere diameter: 1.50m, 4 π
CCD Integration Time: 1023.60 ms

Condition: $T_x=28.4^\circ C$, $T_i=28.8^\circ C$
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-07-02 10:57:17
Inspector: