

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: 92EL052030/WHBK

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	15	Energy efficiency class	G
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°)	970 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	16,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,00
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	81
Outer dimensions without separate control gear, lighting control	Height	414	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	45	
	Depth	45	
			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)	0,425 0,385
Parameters for directional light sources:			
Peak luminous intensity (cd)	2 784	Beam angle in degrees, or the range of beam angles that can be set	30
Parameters for LED and OLED light sources:			
R9 colour rendering index value	3	Survival factor	0,50
the lumen maintenance factor	0,95		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,60	Colour consistency in McAdam ellipses	3
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

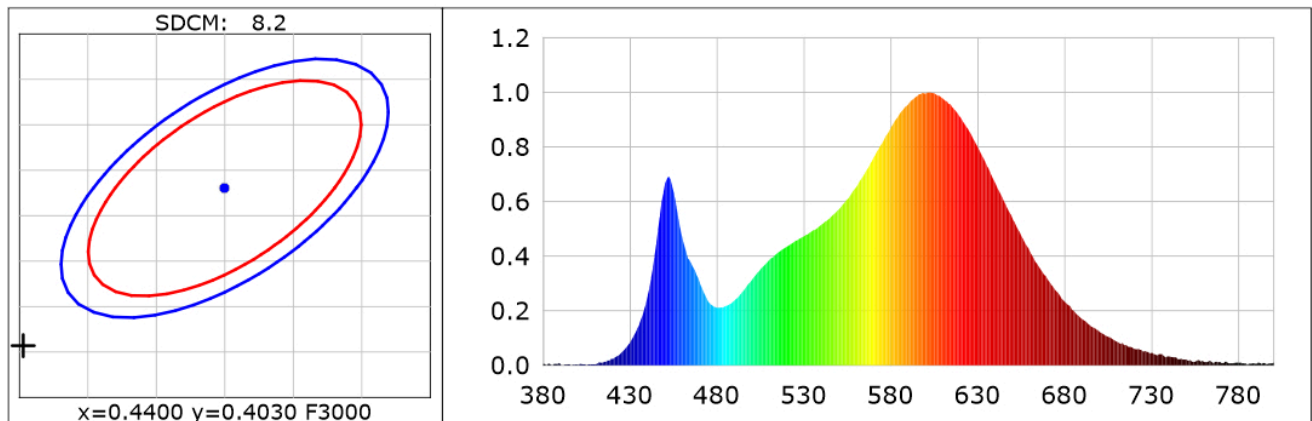
Product Information

Product Category: SMD 线条灯
Product Number: 4
Buyer: BARON

Product Type: BL005-15W 3000K
Submitted Unit: WH+BK

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4253$ $y=0.3857$ $u(u')=0.2510$ $v=0.3414$ $v'=0.5121$
CCT: $T_c=3050K$ ($duv=-0.00590$) Color Ratio: $R=0.229$ $G=0.742$ $B=0.029$
Peak Wavelength: 601nm Half Bandwidth: 115.8nm
Dominant Wavelength: 586.1nm Color Purity: 0.434
CRI: R_i : $R_a=81.7$
 $R_1=81$ $R_2=93$ $R_3=93$ $R_4=79$ $R_5=83$ $R_6=91$ $R_7=78$ $R_8=56$
 $R_9=3$ $R_{10}=84$ $R_{11}=78$ $R_{12}=76$ $R_{13}=84$ $R_{14}=97$ $R_{15}=74$



Photometric Parameters

Luminous Flux: 974.1 lm Efficiency: 57.64 lm/W Radiant Power: 2.978 W

Electric Parameters

Voltage: 231.10V Current: 0.1100A Power: 16.90W
Power Factor: 0.6600 Frequency: 50.02Hz

Test Information

Scan Range: 380nm~800nm:1nm
Stabilization Time: 0 ms
Max of Signal: 45151 (3623)

Photometric Method:
Photometric Condition: Sphere diameter: 1.50m, 4T
CCD Integration Time: 906.29 ms

Condition: $T_x=29.4^{\circ}C$, $T_i=30.4^{\circ}C$
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-07-14 15:16:07
Inspector: