

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: 92EL141030/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	10	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°)	900 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	10,5	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	135	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	35	
	Depth	66	
			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)	0,434 0,400
Parameters for directional light sources:			
Peak luminous intensity (cd)	2 971	Beam angle in degrees, or the range of beam angles that can be set	31
Parameters for LED and OLED light sources:			
R9 colour rendering index value	1	Survival factor	0,50
the lumen maintenance factor	0,95		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,50	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

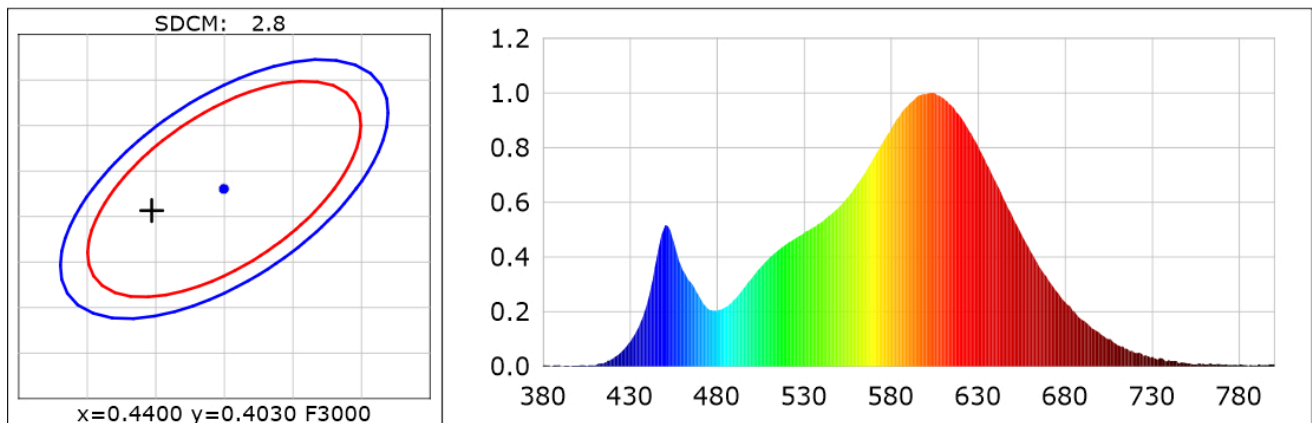
Product Category: COB线条灯
Product Number: 1
Buyer: BARON

Product Type: BL014-10W 3000K
Submitted Unit: WH

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4347$ $y=0.4006$ $u(u')=0.2506$ $v=0.3465$ $v'=0.5197$
CCT: $T_c=3010K$ ($duv=-0.00107$) Color Ratio: $R=0.228$ $G=0.745$ $B=0.027$
Peak Wavelength: 604nm Half Bandwidth: 120.3nm
Dominant Wavelength: 584.2nm Color Purity: 0.507

CRI: R_i : $R_a=81.6$
 $R_1=80$ $R_2=91$ $R_3=95$ $R_4=80$ $R_5=81$ $R_6=90$ $R_7=80$ $R_8=56$
 $R_9=1$ $R_{10}=81$ $R_{11}=79$ $R_{12}=75$ $R_{13}=83$ $R_{14}=98$ $R_{15}=72$



Photometric Parameters

Luminous Flux: 905.1 lm Efficiency: 86.20 lm/W Radiant Power: 2.697 W

Electric Parameters

Voltage: 228.30V Current: 0.0920A Power: 10.50W
Power Factor: 0.5000 Frequency: 50.03Hz

Test Information

Scan Range: 380nm~800nm:1nm
Stabilization Time: 0 ms
Max of Signal: 46272 (3538)

Photometric Method:
Photometric Condition: Sphere diameter: 1.50m, 4 π
CCD Integration Time: 1011.80 ms

Condition: Tx:29.9'C, Ti:30.6'C
Test Lab:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-07-22 18:50:46

Operator:

Inspector: