

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: 92EL62283065/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	30	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°)	2 700 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	6 400
On-mode power (P_{on}), expressed in W	29,0	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	110	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	185	
	Depth	110	
			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)	0,312 0,333
Parameters for directional light sources:			
Peak luminous intensity (cd)	1 959	Beam angle in degrees, or the range of beam angles that can be set	73
Parameters for LED and OLED light sources:			
R9 colour rendering index value	20	Survival factor	0,50
the lumen maintenance factor	0,95		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,90	Colour consistency in McAdam ellipses	2
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)	0,2

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report

Product Information

Product Category: SMD 筒灯
Product Spec: 185*110
Submitted Unit: WH

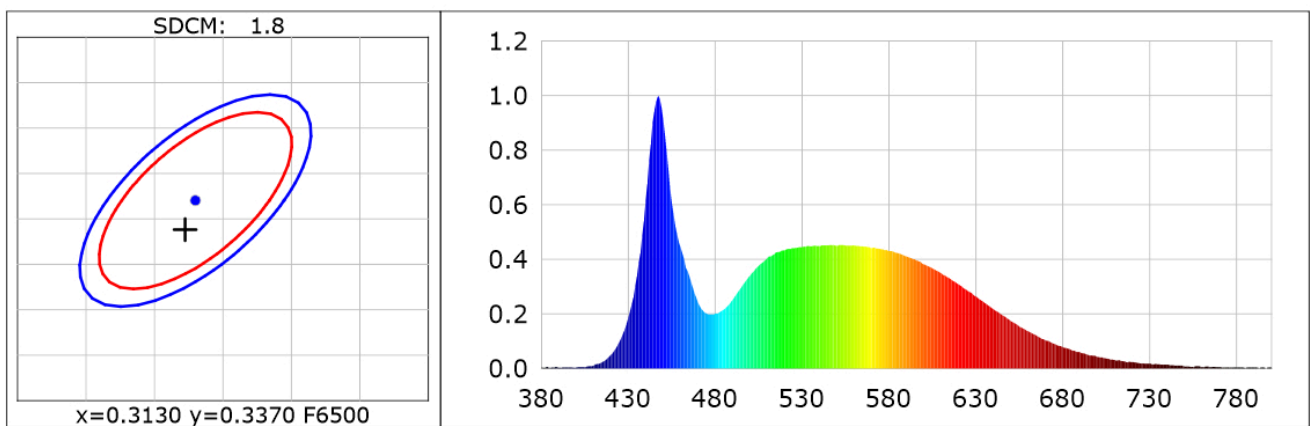
Product Type: BR6228-30W
Product Number: 748
Buyer: BARON

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3122$ $y=0.3338$ $u(u')=0.1957$ $v=0.3139$ $v'=0.4708$
CCT: $T_c=6494K$ ($duv=0.00586$) Color Ratio: $R=0.131$ $G=0.817$ $B=0.052$
Peak Wavelength: 447nm Half Bandwidth: 19.5nm
Dominant Wavelength: 503.2nm Color Purity: 0.071

CRI: R_i : $R_a=83.0$

R1 =83	R2 =82	R3 =81	R4 =90	R5 =84	R6 =76	R7 =89	R8 =79
R9 =20	R10=57	R11=90	R12=53	R13=82	R14=89	R15=80	



Photometric Parameters

Luminous Flux: 2677.6 lm

Efficiency: 92.33 lm/W

Radiant Power: 8.588 W

Electric Parameters

Voltage: 231.60V

Current: 0.1320A

Power: 29.00W

Power Factor: 0.9480

Frequency: 50.03Hz

Test Information

Scan Range: 380nm~800nm:1nm
Stabilization Time: 0 ms
Max of Signal: 51669 (2969)

Photometric Method:
Photometric Condition: Sphere diameter: 1.50m, 4 π
CCD Integration Time: 200.00 ms

Condition: Tx:28.4'C, Ti:28.8'C

Test Lab:

Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2022-07-02 11:15:10

Inspector: