

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: 92EL62284240/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	42	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°)	3 600 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	4 000
On-mode power (P_{on}), expressed in W	39,9	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	93
Outer dimensions without separate control gear, lighting control	Height	217	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	121	
	Depth	121	
			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)	0,375 0,377
Parameters for directional light sources:			
Peak luminous intensity (cd)	2 641	Beam angle in degrees, or the range of beam angles that can be set	75
Parameters for LED and OLED light sources:			
R9 colour rendering index value	57	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)	0,4

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report

Product Information

Product Category: SMD 筒灯
Product Spec: 217*121
Submitted Unit: WH

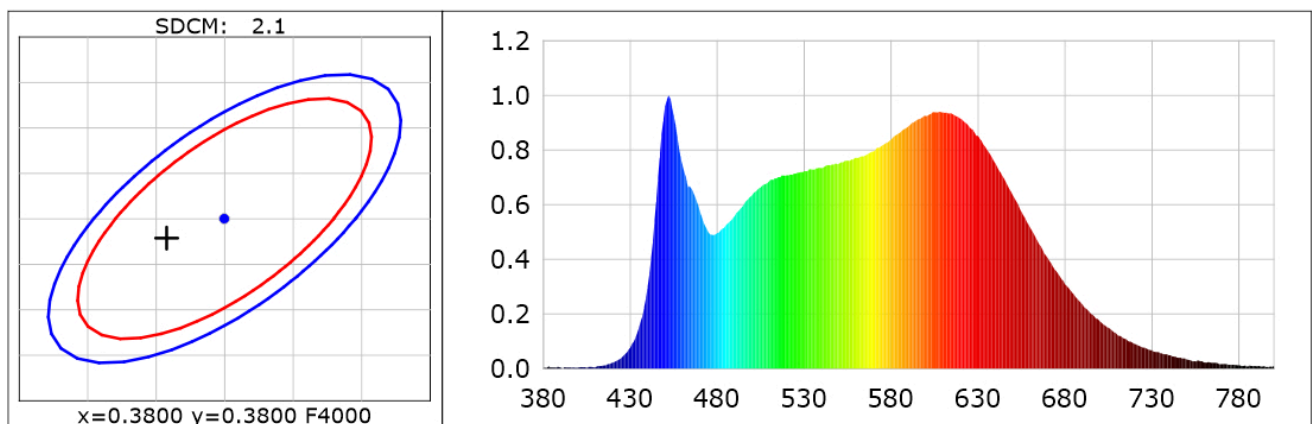
Product Type: BR6228-42W
Product Number: 754
Buyer: BARON

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3758$ $y=0.3779$ $u(u')=0.2216$ $v=0.3343$ $v'=0.5014$
CCT: $T_c=4138K$ ($duv=0.00192$) Color Ratio: $R=0.195$ $G=0.756$ $B=0.050$
Peak Wavelength: 452nm Half Bandwidth: 31.5nm
Dominant Wavelength: 578.5nm Color Purity: 0.262

CRI: R_i : $R_a=93.0$

$R_1=94$	$R_2=99$	$R_3=97$	$R_4=92$	$R_5=94$	$R_6=97$	$R_7=90$	$R_8=81$
$R_9=57$	$R_{10}=97$	$R_{11}=95$	$R_{12}=76$	$R_{13}=96$	$R_{14}=99$	$R_{15}=89$	



Photometric Parameters

Luminous Flux: 3807.8 lm

Efficiency: 95.43 lm/W

Radiant Power: 12.373 W

Electric Parameters

Voltage: 232.60V

Current: 0.1780A

Power: 39.90W

Power Factor: 0.9640

Frequency: 50.04Hz

Test Information

Scan Range: 380nm~800nm:1nm
Stabilization Time: 0 ms
Max of Signal: 53019 (3117)

Photometric Method:
Photometric Condition: Sphere diameter: 1.50m, 4T
CCD Integration Time: 263.74 ms

Condition: Tx:28.3'C, Ti:29.3'C
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-07-02 13:40:11
Inspector: