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: 92EL67054065/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	40	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	3 800 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	6 150
On-mode power (P_{on}), expressed in W	41,3	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	84
Outer dimensions without separate control gear, lighting control — Height	230	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	145		
Depth	85		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,319 0,341
Parameters for directional light sources:				
Peak luminous intensity (cd)		3 045	Beam angle in degrees, or the range of beam angles that can be set	74
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 ϕ1)		0,90	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)	0,2

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Spectrum Test Report

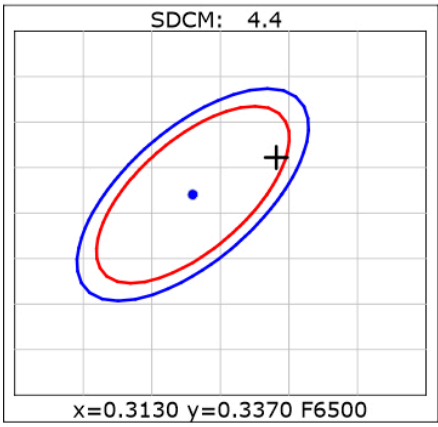
Product Infomation

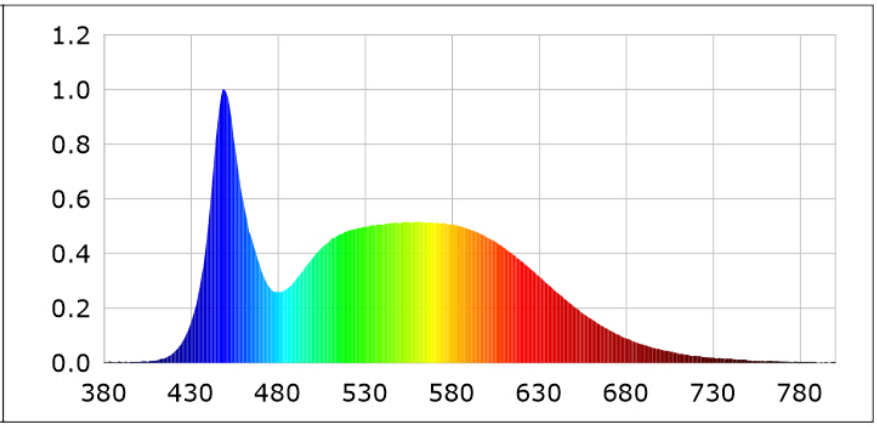
Product Category: SMD筒灯
Product Type: BR6705-40W 3000K
Product Number: 65
Submitted Unit: WH
Buyer: BARON

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3191 y=0.3411 u(u')=0.1977 v=0.3171 v'=0.4756
CCT: Tc=6112K (duv=0.00618)
Color Ratio: R=0.136 G=0.811 B=0.054
Peak Wavelength: 449nm
Half Bandwidth: 22.9nm
Dominant Wavelength: 499.9nm
Color Purity: 0.044
CRI: Ri: Ra= 84.5

R1 =83	R2 =85	R3 =85	R4 =90	R5 =84	R6 =79	R7 =92	R8 =78
R9 =20	R10=62	R11=90	R12=53	R13=83	R14=92	R15=80	





Photometric Parameters

Luminous Flux: 4105.5 lm
Efficiency: 99.41 lm/W
Radiant Power: 12.982 W

Electric Parameters

Voltage: 227.40V
Current: 0.1870A
Power: 41.30W
Power Factor: 0.9690
Frequency: 50.01Hz

Test Infomation
Scan Range: 380nm~800nm:1nm
Stabilization Time: 0 ms
Max of Signal: 45644 (3164)
Photometric Method:
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 129.20 ms

Condition: Tx:30.0'C, Ti:30.9'C
Test Device: Inventfine CMS-2S (Plus)
Test Lab:
Test Time: 2022-07-22 10:00:06
Operator:
Inspector: