

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: 92EL67054030/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 (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	3 700 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	3 000
On-mode power (P_{on}), expressed in W	41,7	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	82
Outer dimensions without separate control gear, lighting control	Height	230	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	145	
	Depth	85	
			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)	0,444 0,414
Parameters for directional light sources:			
Peak luminous intensity (cd)	2 998	Beam angle in degrees, or the range of beam angles that can be set	72
Parameters for LED and OLED light sources:			
R9 colour rendering index value	5	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	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

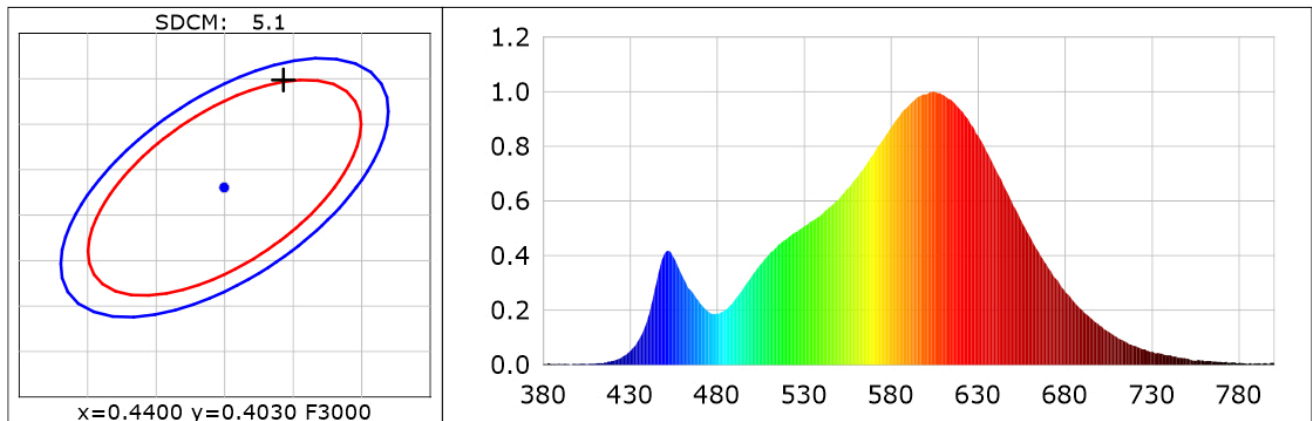
Product Information

Product Category: SMD筒灯
Product Number: 62
Buyer: BARON

Product Type: BR6705-40W 3000K
Submitted Unit: WH

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4443$ $y=0.4149$ $u(u')=0.2507$ $v=0.3511$ $v'=0.5266$
CCT: $T_c=2966K$ ($duv=0.00324$) Color Ratio: $R=0.229$ $G=0.746$ $B=0.025$
Peak Wavelength: 604nm Half Bandwidth: 128.7nm
Dominant Wavelength: 582.9nm Color Purity: 0.579
CRI: R_i : $R_a=82.3$
 $R1=80$ $R2=90$ $R3=97$ $R4=81$ $R5=81$ $R6=89$ $R7=83$ $R8=58$
 $R9=5$ $R10=78$ $R11=80$ $R12=69$ $R13=82$ $R14=99$ $R15=72$



Photometric Parameters

Luminous Flux: 3726.9 lm Efficiency: 89.37 lm/W Radiant Power: 11.070 W

Electric Parameters

Voltage: 227.50V Current: 0.1870A Power: 41.70W
Power Factor: 0.9730 Frequency: 50.02Hz

Test Information

Scan Range: 380nm~800nm:1nm
Stabilization Time: 0 ms
Max of Signal: 45422 (3376)

Photometric Method:
Photometric Condition: Sphere diameter: 1.50m, 4 π
CCD Integration Time: 246.60 ms

Condition: $T_x:30.3^{\circ}C$, $T_i:31.4^{\circ}C$
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-07-22 09:07:16
Inspector: