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: 955SHELL1P

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
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:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

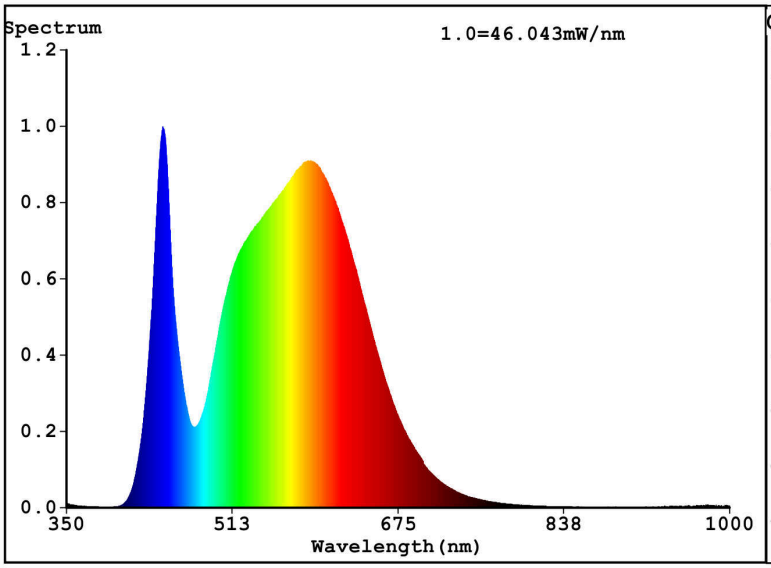
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	40	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	2 500 in Sphere (360°)	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	33,1	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	80
Outer dimensions without — Height	500	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	500		
Outer dimensions without — Depth	70		

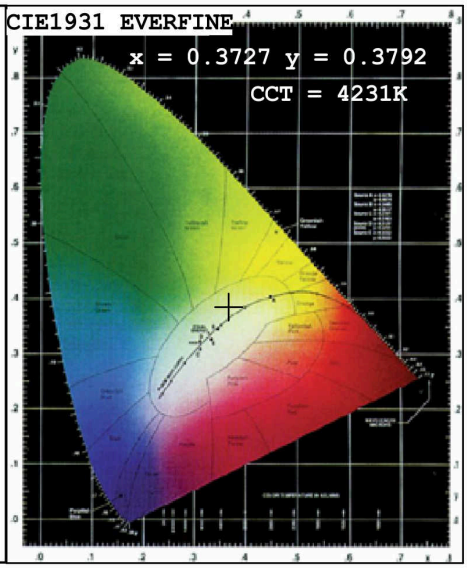
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,372 0,379
Parameters for LED and OLED light sources:				
R9 colour rendering index value		1	Survival factor	0,00
the lumen maintenance factor		0,00		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	0
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





Color Parameters:

Chromaticity Coordinate:x=0.3727 y=0.3792/u'=0.2191 v'=0.5015

CCT=4231K(Duv=0.0035) Dominant WL:Ld =576.2nm Purity=25.7%

Ratio:R=17.0% G=79.7% B=3.3%¡¡Peak WL:Lp=444.5nm FWHM=23.8nm

Render Index:Ra=80.3

R1 =78	R2 =84	R3 =90	R4 =81	R5 =79	R6 =79	R7 =86	
R8 =64	R9 =1	R10=64	R11=81	R12=62	R13=79	R14=95	R15=71

Photo Parameters:

Flux = 2509 lm Eff. : 75.72 lm/W Fe = 7.620 W

Electrical parameters:

V = 229.97 V I = 0.2576 A P = 33.14 W PF = 0.5595

WHITE:ANSI_4000K

Status: Integral T = 25 ms Ip = 47463 (72%)

Model:SHELL/40W	Number:955SHELL1P
Tester:Petya Marinova	Date:2018-03-21 15:52
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:10202017_4451