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: 955OWEN1P

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

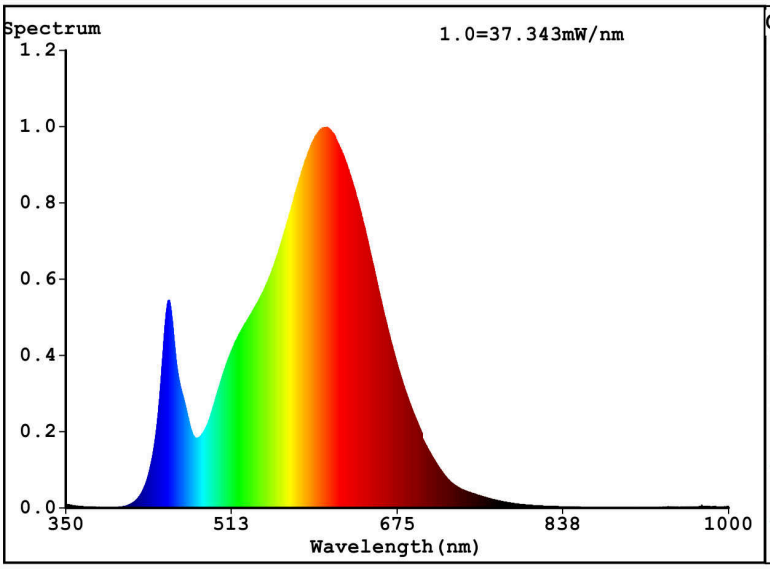
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	19	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 800 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	3 000
On-mode power (P_{on}), expressed in W	21,0	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	83
Outer dimensions without — Height	1 500	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	520		
Outer dimensions without — Depth	520		

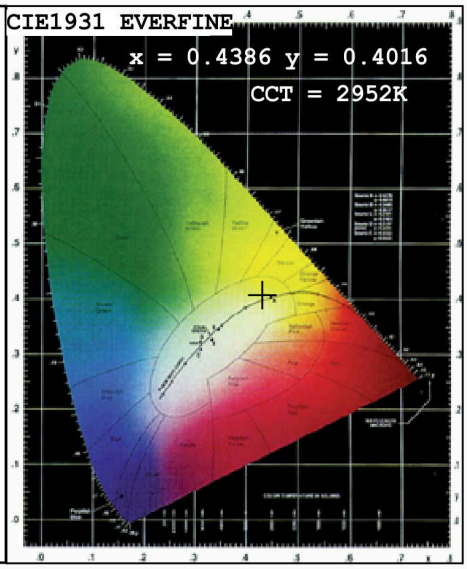
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,438 0,401
Parameters for LED and OLED light sources:				
R9 colour rendering index value		17	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=0.4386 y=0.4016/u'=0.2527 v'=0.5207

CCT=2952K(Duv=-0.0012) Dominant WL:Ld =583.5nm WL:Lc = --nm Purity=52.2%

Ratio:R=23.4% G=74.1% B=2.5%¡¡Peak WL:Lp=606.1nm FWHM=133.9nm

Render Index:Ra=83.9

R1 =82	R2 =92	R3 =97	R4 =82	R5 =83	R6 =90	R7 =84	
R8 =63	R9 =17	R10=81	R11=81	R12=73	R13=85	R14=99	R15=76

Photo Parameters:

Flux = 1835 lm Eff. : 83.89 lm/W Fe = 5.783 W

Electrical parameters:

V = 220.01 V I = 0.1870 A P = 21.88 W PF = 0.5318

WHITE:ANSI_3000K

Status: Integral T = 36 ms Ip = 47792 (73%)

Model:CHANDELIER	Number:955OWEN1P
Tester:Atanas DAKOV	Date:2020-07-27 13:12:02
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6716