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: 93TLOM1540/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

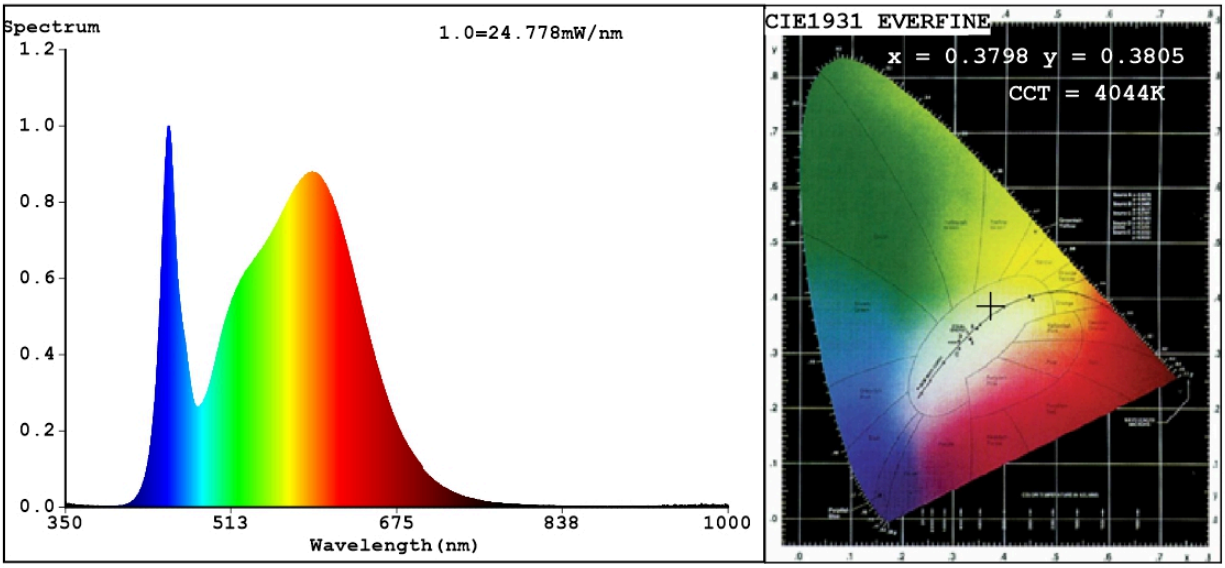
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	15	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 300 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	15,8	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	81
Outer dimensions without separate control gear, lighting control — Height	145	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	55		
Depth	55		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,379 0,380
Parameters for directional light sources:				
Peak luminous intensity (cd)		3 530	Beam angle in degrees, or the range of beam angles that can be set	25
Parameters for LED and OLED light sources:				
R9 colour rendering index value		2	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	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=0.3798 y=0.3805/u'=0.2232 v'=0.5031

CCT=4044K(Duv=0.0019) Dominant WL:Ld =577.9nm Purity=28.2%

Ratio:R=17.9% G=78.5% B=3.6%¡¡Peak WL:Lp=451.0nm FWHM=21.2nm

Render Index:Ra=81.9

R1 =80	R2 =89	R3 =95	R4 =80	R5 =80	R6 =84	R7 =86	
R8 =62	R9 =2	R10=73	R11=79	R12=59	R13=82	R14=97	R15=73

Photo Parameters:

Flux = 1255 lm Eff. : 79.09 lm/W Fe = 3.767 W

Electrical parameters:

V = 229.95 V I = 0.07275 A P = 15.87 W PF = 0.9485

WHITE:ANSI_4000K

Status: Integral T = 32 ms Ip = 44761 (68%)

Model:SKY FIXTURES TLOM/15W	Number:93TLOM1540/WH
Tester:Petya Marinova	Date:2019-01-30 16:34
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:O18V039A_5167