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: 92TS1540/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):	Yes
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

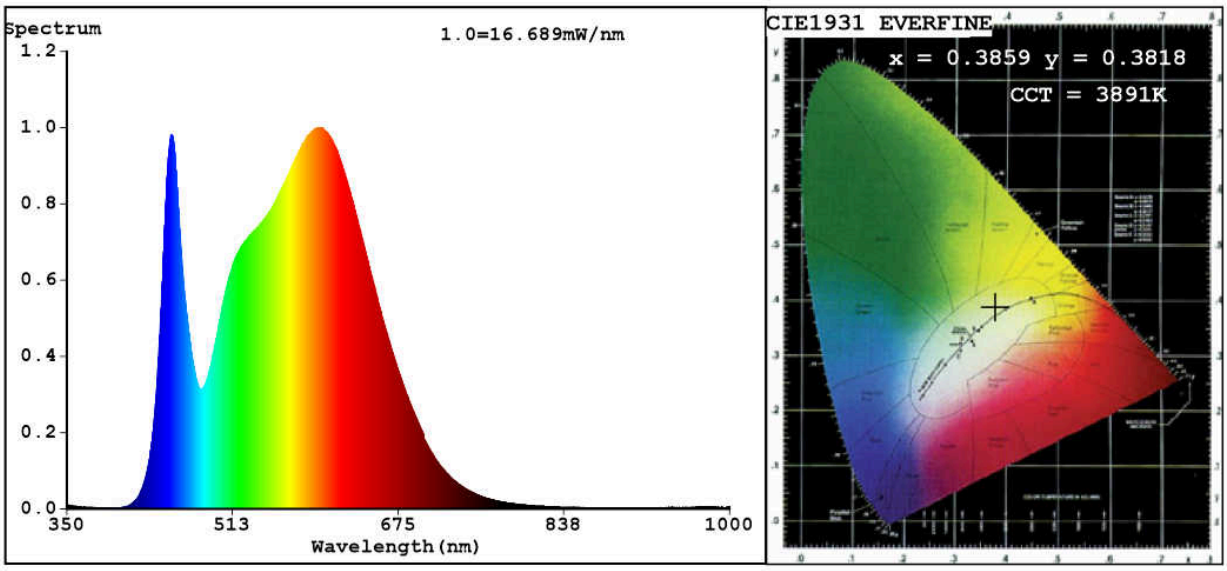
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	15	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	966 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	17,0	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	0,20	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	86
Outer dimensions without separate control gear, lighting control — Height	115	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	115		
Outer dimensions without separate control gear, lighting control — Depth	70		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,385 0,381
Parameters for directional light sources:				
Peak luminous intensity (cd)		544	Beam angle in degrees, or the range of beam angles that can be set	75
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	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	5
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)	0,3

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

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

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3859 y=0.3818/u'=0.2267 v'=0.5046

CCT=3891K(Duv=0.0008) Dominant WL:Ld =579.1nm WL:Lc = --nm Purity=30.4%

Ratio:R=19.1% G=77.2% B=3.7%¡¡Peak WL:Lp=596.4nm FWHM=159.4nm

Render Index:Ra=86.5

R1 =85	R2 =92	R3 =97	R4 =85	R5 =85	R6 =89	R7 =88	
R8 =70	R9 =26	R10=81	R11=85	R12=66	R13=87	R14=98	R15=80

Photo Parameters:

Flux = 966.2 lm Eff. : 56.32 lm/W Fe = 3.052 W

Electrical parameters:

V = 225.12 V I = 0.07960 A P = 17.16 W PF = 0.9574

WHITE:ANSI_4000K

Status: Integral T = 56 ms Ip = 44371 (68%)

Model:DEEP RECESSED LED DOWNLIGHT	Number:92TS1540 WH
Tester:Atanas DAKOV	Date:2022-06-20 10:49:42
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:8370