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: 92TS3040/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

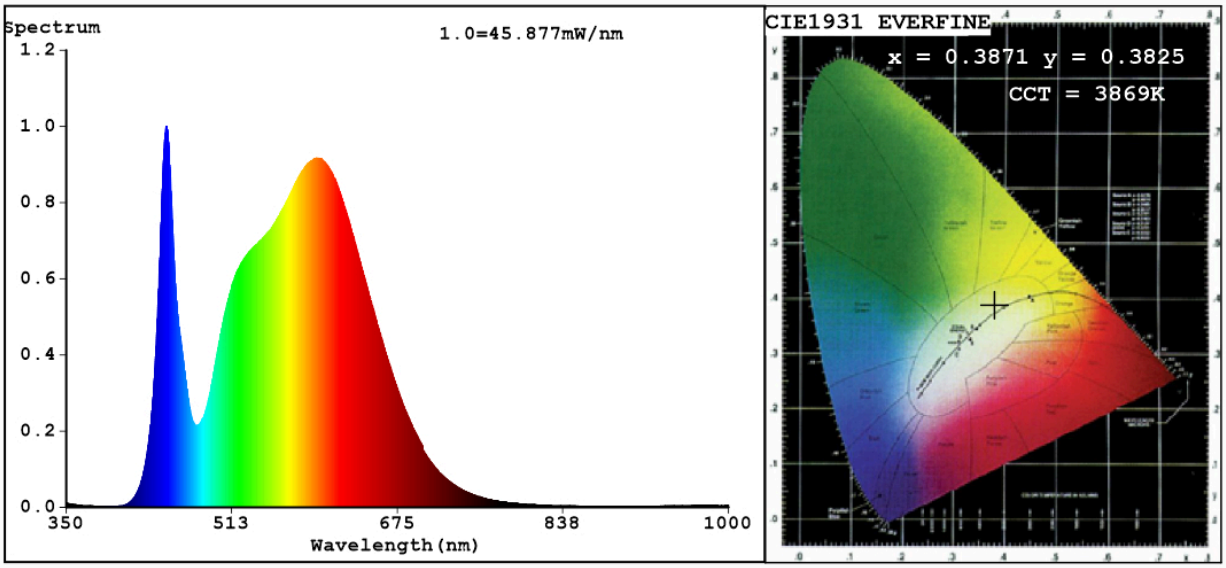
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	30	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	2 430 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	29,4	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	84
Outer dimensions without separate control gear, lighting control — Height	185	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	185		
Outer dimensions without separate control gear, lighting control — Depth	80		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,387 0,382
Parameters for directional light sources:				
Peak luminous intensity (cd)		1 235	Beam angle in degrees, or the range of beam angles that can be set	3
Parameters for LED and OLED light sources:				
R9 colour rendering index value		18	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	4
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)		0,6	Stroboscopic effect metric (SVM)	0,2

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

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

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3871 y=0.3825/u'=0.2271 v'=0.5051

CCT=3869K(Duv=0.0008) Dominant WL:Ld =579.2nm WL:Lc = --nm Purity=31.0%

Ratio:R=18.9% G=77.9% B=3.2%¡¡Peak WL:Lp=448.5nm FWHM=20.1nm

Render Index:Ra=84.2

R1 =83	R2 =89	R3 =93	R4 =85	R5 =83	R6 =85	R7 =88	
R8 =69	R9 =18	R10=73	R11=84	R12=64	R13=84	R14=96	R15=77

Photo Parameters:

Flux = 2431 lm Eff. : 82.51 lm/W Fe = 7.549 W

Electrical parameters:

V = 225.25 V I = 0.1402 A P = 29.46 W PF = 0.9330

WHITE:ANSI_4000K

Status: Integral T = 25 ms Ip = 50138 (77%)

Model:DEEP RECESSED LED DOWNLIGHT	Number:92TS3040 WH
Tester:Atanas DAKOV	Date:2022-06-20 10:30:53
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:8370