

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: 92TS0940/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

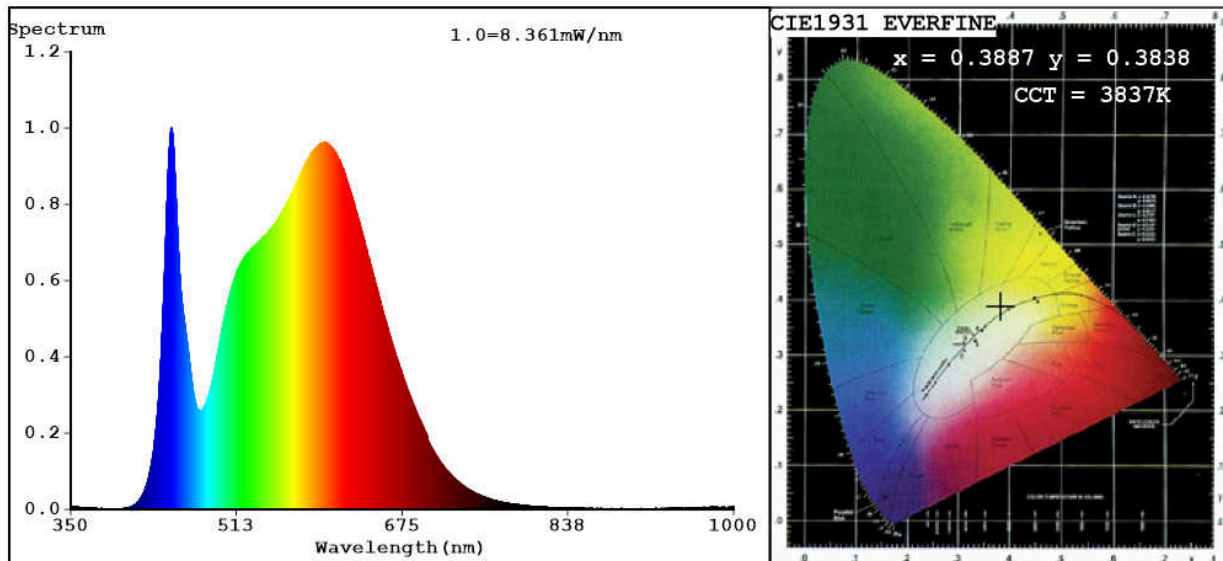
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	500 in Nar-row 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	10,0	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	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,388 0,383	
Parameters for directional light sources:				
Peak luminous intensity (cd)	275	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 ϕ_1)	0,90	Colour consistency in McAdam ellipses	6	
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: $x=0.3887$ $y=0.3838$ $u'=0.2277$ $v'=0.5058$
 CCT=3837K (Duv=0.0009) Dominant WL: $L_d=579.2\text{nm}$ WL: $L_c = \text{--nm}$ Purity=31.8%
 Ratio: R=19.3% G=77.2% B=3.5% Peak WL: $L_p=448.6\text{nm}$ FWHM=21.3nm
 Render Index: $R_a=86.5$

R1 =85	R2 =91	R3 =96	R4 =87	R5 =85	R6 =88	R7 =89
R8 =71	R9 =26	R10=79	R11=87	R12=69	R13=87	R14=98 R15=80

Photo Parameters:

Flux = 463.6 lm Eff. : 45.63 lm/W $F_e = 1.464\text{ W}$

Electrical parameters:

$V = 225.13\text{ V}$ $I = 0.04852\text{ A}$ $P = 10.16\text{ W}$ PF = 0.9302
 WHITE:ANSI_4000K

Status: Integral T = 134 ms $I_p = 51125$ (78%)

Model:DEEP RECESSED LED DOWNLIGHT	Number:92TS0940 WH
Tester:Atanas DAKOV	Date:2022-06-20 10:39:34
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:8370