

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: 955TOMY1WLED

Type of light source:

Lighting technology used:	mixed	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	E27 + Integrated LED		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	No
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

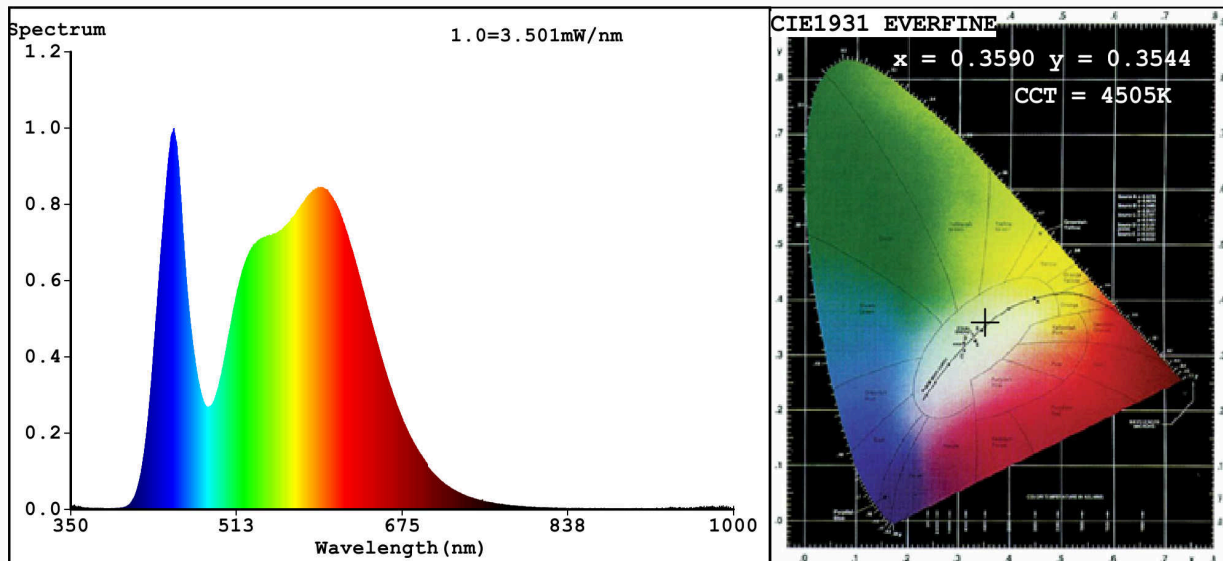
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	178 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	6,0	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	85
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

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)	0,359 0,354
Parameters for directional light sources:				
Peak luminous intensity (cd)	451		Beam angle in degrees, or the range of beam angles that can be set	20

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3590$ $y=0.3544$ $u'=0.2198$ $v'=0.4881$
CCT=4505K (Duv=-0.0039) Dominant WL:Ld =580.5nm WL:Lc = --nm Purity=14.0%
Ratio:R=17.6% G=78.6% B=3.9% Peak WL:Lp=451.0nm FWHM=33.1nm
Render Index:Ra=85.0 AvgR=79.2 TM30:Rf=83 Rg=99 Lav=561.7nm

R1 =85	R2 =89	R3 =91	R4 =86	R5 =85	R6 =84	R7 =88
R8 =72	R9 =24	R10=72	R11=85	R12=65	R13=86	R14=94 R15=81

Photo Parameters:

Flux = 178.3 lm Eff. : 29.44 lm/W Fe = 569.6 mW

Electrical parameters:

V = 220.02 V I = 0.1866 A P = 6.055 W PF = 0.1475
WHITE:ANSI_4500K

Status: Integral T = 243 ms Ip = 34381 (52%)

Model:LIGHTING SOLUTIONS
Tester:Atanas DAKOV
Temperature:25.3Deg
Manufacturer:ELMARK

Number:955TOMY1WLED
Date:2021-06-11 14:19:39
Humidity:65.0%
Remarks:5185