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: 93TL202520WW/BL

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:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

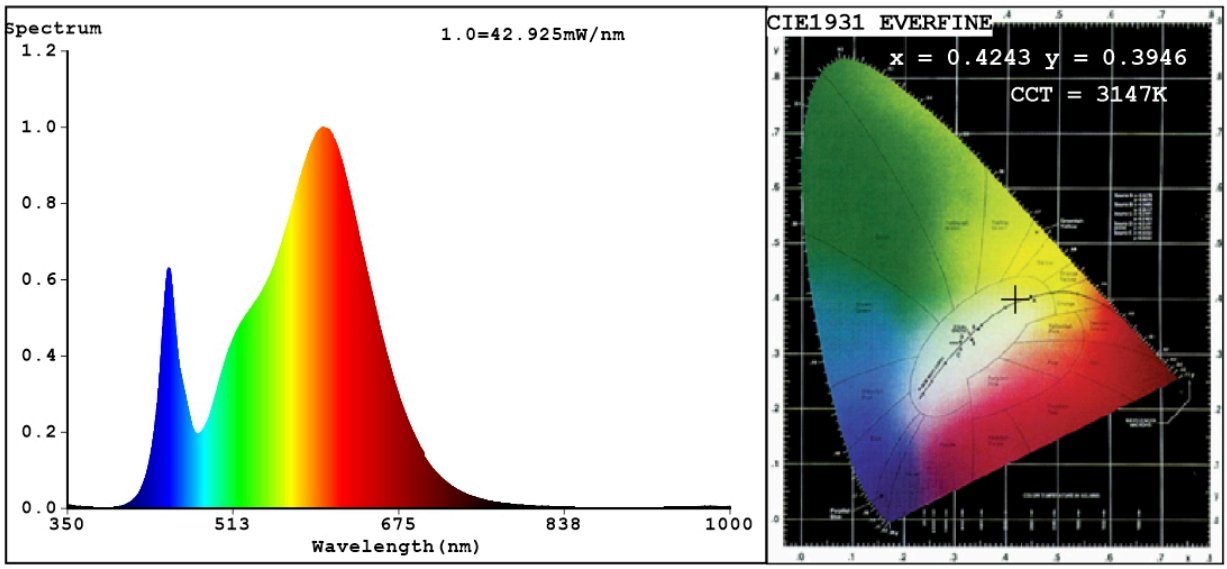
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	23	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	2 200 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	3 000
On-mode power (P_{on}), expressed in W	22,9	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	82
Outer dimensions without — Height	160	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	60		
Outer dimensions without — Depth	60		

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)	0,424 0,396
Parameters for directional light sources:				
Peak luminous intensity (cd)		600	Beam angle in degrees, or the range of beam angles that can be set	24
Parameters for LED and OLED light sources:				
R9 colour rendering index value		5	Survival factor	0,50
the lumen maintenance factor		0,95		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,40	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=0.4243 y=0.3946/u'=0.2464 v'=0.5157

CCT=3147K(Duv=-0.0020) Dominant WL:Ld =583.0nm WL:Lc = --nm Purity=45.8%

Ratio:R=22.1% G=75.2% B=2.7%¡¡Peak WL:Lp=600.8nm FWHM=130.6nm

Render Index:Ra=82.5 AvgR=76.9 TM30:Rf=83 Rg=97 Lav=585.6nm

R1 =81	R2 =91	R3 =96	R4 =81	R5 =82	R6 =89	R7 =82	
R8 =59	R9 =5	R10=79	R11=80	R12=73	R13=83	R14=98	R15=74

Photo Parameters:

Flux = 2125 lm Eff. : 92.58 lm/W Fe = 6.497 W

Electrical parameters:

V = 226.79 V I = 0.2450 A P = 22.96 W PF = 0.4131

WHITE:ANSI_3000K

Status: Integral T = 25 ms Ip = 52015 (79%)

Model: LED TRACK LIGHT	Number:93TL202520WW BL
Tester:Atanas DAKOV	Date:2022-02-10 13:51:54
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7806