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: 93TL202530W/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

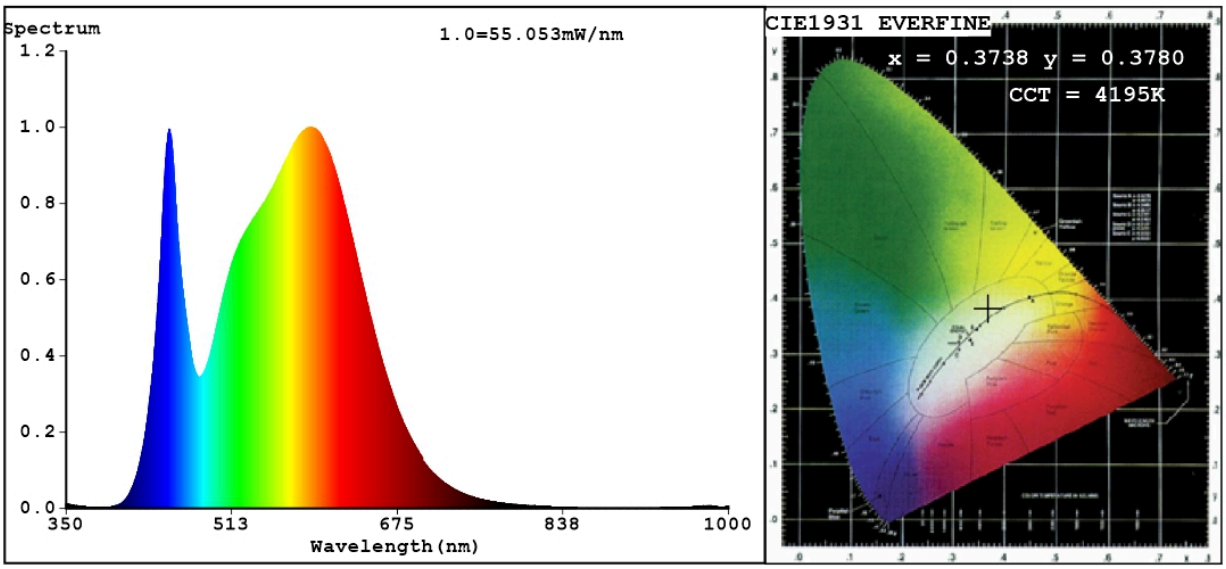
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	32	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	3 200 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	4 000
On-mode power (P_{on}), expressed in W	30,0	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	82
Outer dimensions without — Height	180	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	75		
Outer dimensions without — Depth	75		

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)	0,373 0,378
Parameters for directional light sources:				
Peak luminous intensity (cd)		589	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		82	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=0.3738 y=0.3780/u'=0.2202 v'=0.5012

CCT=4195K(Duv=0.0026) Dominant WL:Ld =576.8nm WL:Lc = --nm Purity=25.6%

Ratio:R=17.4% G=78.8% B=3.8%¡¡Peak WL:Lp=589.5nm FWHM=149.5nm

Render Index:Ra=82.2 AvgR=75.1 TM30:Rf=84 Rg=94 Lav=566.2nm

R1 =80	R2 =88	R3 =95	R4 =81	R5 =80	R6 =84	R7 =86	
R8 =63	R9 =3	R10=72	R11=79	R12=63	R13=82	R14=97	R15=73

Photo Parameters:

Flux = 3234 lm Eff. : 109.14 lm/W Fe = 9.871 W

Electrical parameters:

V = 226.77 V I = 0.2935 A P = 29.63 W PF = 0.4452

WHITE:ANSI_4000K

Status: Integral T = 15 ms Ip = 40811 (62%)

Model: LED TRACK LIGHT	Number:93TL202530W BL
Tester:Atanas DAKOV	Date:2022-02-10 13:28:33
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7806