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/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):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

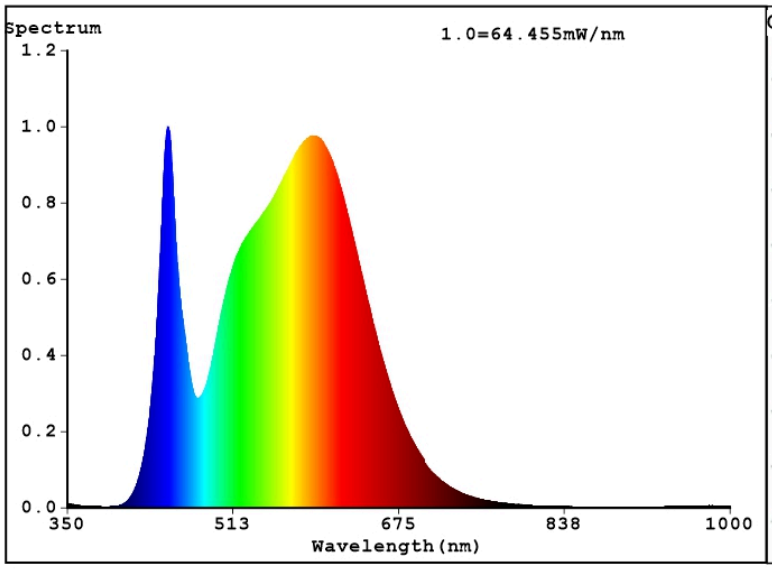
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	32	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	3 360 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	31,0	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		

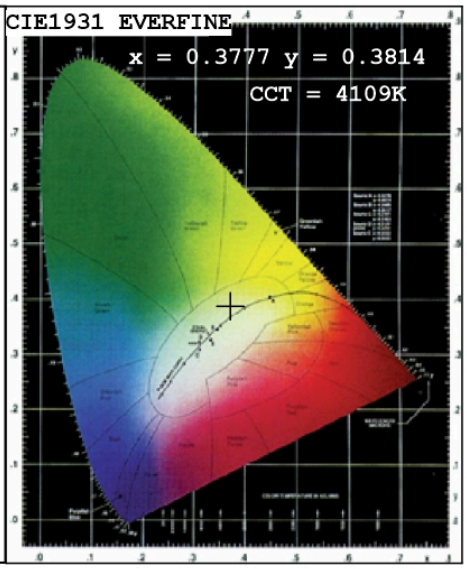
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,377 0,381
Parameters for directional light sources:				
Peak luminous intensity (cd)		448	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		3	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=0.3777 y=0.3814/u'=0.2215 v'=0.5032

CCT=4109K(Duv=0.0030) Dominant WL:Ld =577.1nm WL:Lc = --nm Purity=27.8%

Ratio:R=17.6% G=78.8% B=3.6%¡¡Peak WL:Lp=448.6nm FWHM=24.8nm

Render Index:Ra=82.0 AvgR=74.9 TM30:Rf=84 Rg=95 Lav=567.5nm

R1 =80	R2 =87	R3 =94	R4 =82	R5 =80	R6 =83	R7 =86	
R8 =64	R9 =3	R10=71	R11=81	R12=63	R13=81	R14=97	R15=73

Photo Parameters:

Flux = 3688 lm Eff. : 116.44 lm/W Fe = 11.15 W

Electrical parameters:

V = 225.72 V I = 0.3107 A P = 31.68 W PF = 0.4516

WHITE:ANSI_4000K

Status: Integral T = 14 ms Ip = 43372 (66%)

Model: LED TRACK LIGHT	Number:93TL202530W WH
Tester:Atanas DAKOV	Date:2022-02-08 10:46:30
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7806