

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: 934FTL25W/WH

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Integrated COB		
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

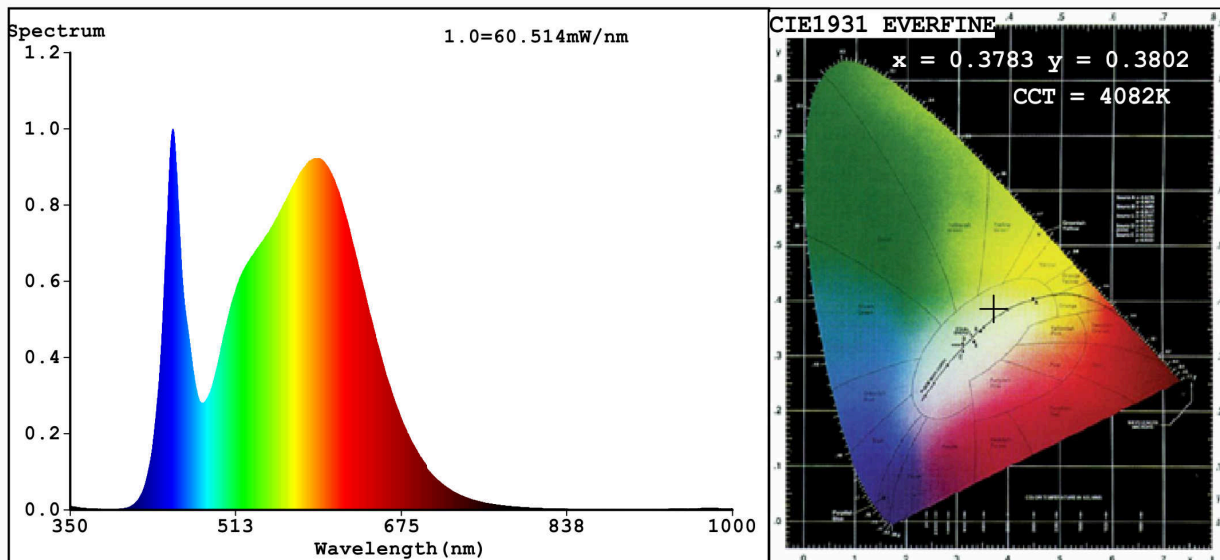
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	25	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 300 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	26,6	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	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)	0,378 0,380	
Parameters for directional light sources:				
Peak luminous intensity (cd)	450	Beam angle in degrees, or the range of beam angles that can be set	38	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	3	Survival factor	0,00	
the lumen maintenance factor	0,00			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,50	Colour consistency in McAdam ellipses	1	
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)	0,0	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3783$ $y=0.3802$ $u'=0.2223$ $v'=0.5028$
CCT=4082K (Duv=0.0023) Dominant WL:Ld =577.5nm WL:Lc = --nm Purity=27.6%
Ratio:R=17.7% G=78.6% B=3.6%; Peak WL:Lp=450.9nm FWHM=23.2nm
Render Index:Ra=82.0

R1 =80	R2 =88	R3 =95	R4 =81	R5 =80	R6 =84	R7 =86
R8 =63	R9 =3	R10=72	R11=79	R12=60	R13=82	R14=97 R15=73

Photo Parameters:

Flux = 3251 lm Eff. : 122.07 lm/W Fe = 9.804 W

Electrical parameters:

V = 219.98 V I = 0.2177 A P = 26.63 W PF = 0.5561

WHITE:ANSI_4000K

Status: Integral T = 18 ms Ip = 49698 (76%)

Model:TRACK LIGHTS FTL
Tester:Atanas DAKOV
Temperature:25.3Deg
Manufacturer:ELMARK

Number:934FTL25 WW
Date:2021-04-09 09:03:00
Humidity:65.0%
Remarks:7456