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: 93FTL35WW/WH

Type of light source:

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

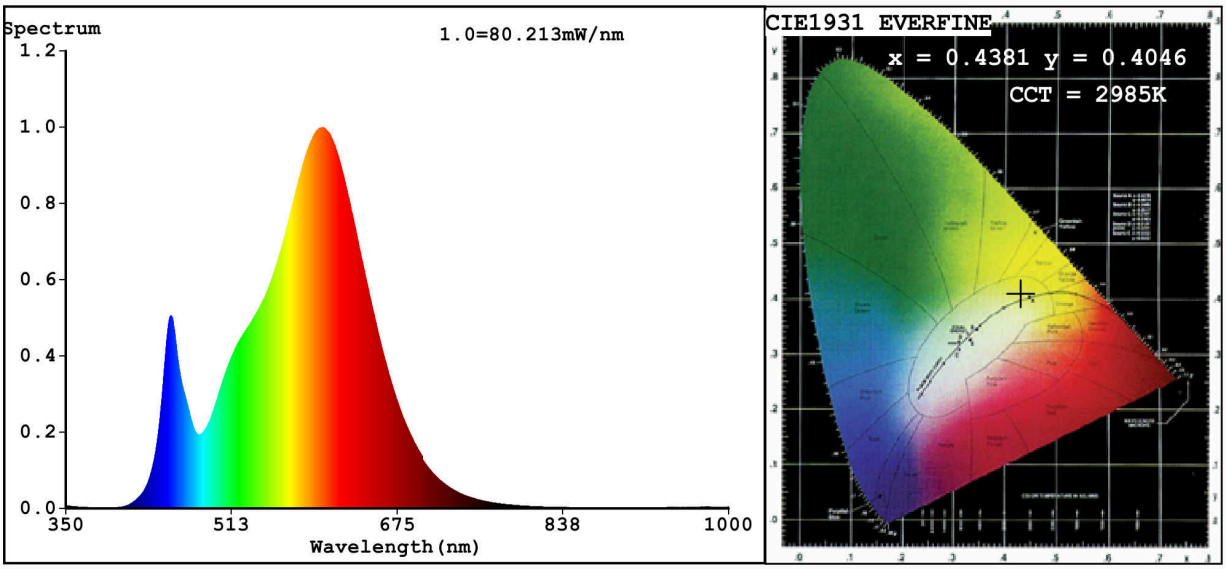
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	35	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	3 150 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	35,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,03
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	80
Outer dimensions without — Height	235	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	140		
Outer dimensions without — Depth	100		

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)	0,438 0,404
Parameters for directional light sources:				
Peak luminous intensity (cd)		602	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		0	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,90	Colour consistency in McAdam ellipses	3
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=0.4381 y=0.4046/u'=0.2511 v'=0.5218

CCT=2985K(Duv=0.0000) Dominant WL:Ld =582.9nm WL:Lc = --nm Purity=52.9%

Ratio:R=22.7% G=74.7% B=2.6%¡¡Peak WL:Lp=602.5nm FWHM=118.9nm

Render Index:Ra=80.4

R1 =79	R2 =91	R3 =95	R4 =77	R5 =79	R6 =89	R7 =80	
R8 =54	R9 =0	R10=79	R11=76	R12=69	R13=82	R14=98	R15=70

Photo Parameters:

Flux = 3842 lm Eff. : 116.89 lm/W Fe = 11.51 W

Electrical parameters:

V = 219.91 V I = 0.1547 A P = 32.87 W PF = 0.9663

WHITE:ANSI_3000K

~~Status: Integral T = 12 ms Ip = 46839 (71%)~~

Model:Track lights FTL	Number:93FTL35WW/WH
Tester:Atanas DAKOV	Date:2021-03-16 08:35:54
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6664