

# 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:** 934FTL35W/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

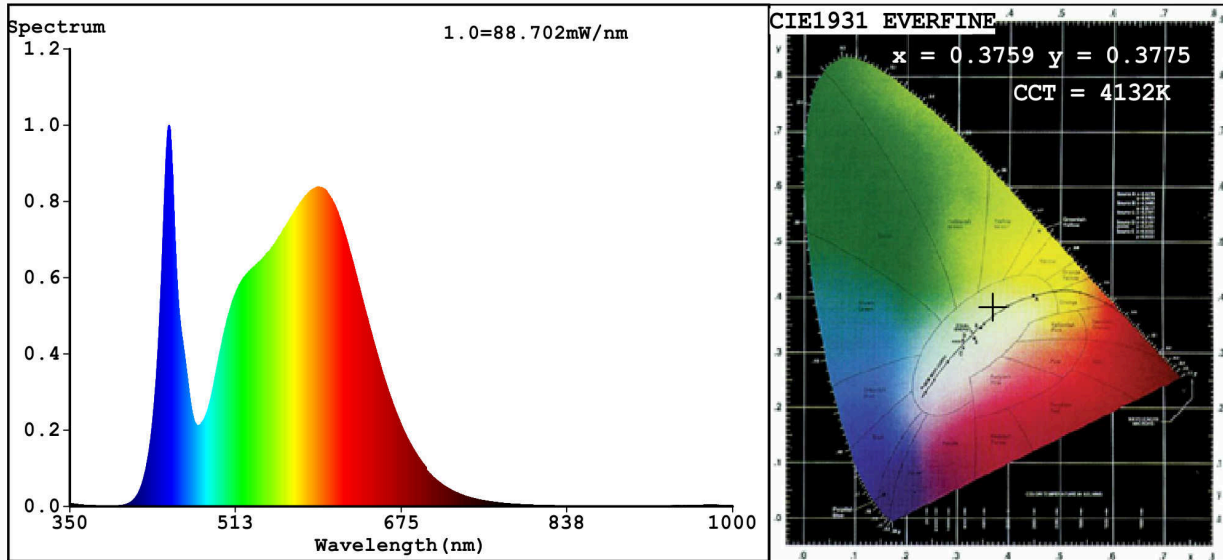
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	35	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	4 000
On-mode power ( $P_{on}$ ), expressed in W	34,8	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 <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,377 0,377
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	447	Beam angle in degrees, or the range of beam angles that can be set	38
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	5	Survival factor	0,00
the lumen maintenance factor	0,00		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi$ 1)	0,90	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:  $x=0.3759$   $y=0.3775$  /  $u'=0.2218$   $v'=0.5012$   
 CCT=4132K (Duv=0.0017) Dominant WL:  $L_d = 577.6\text{nm}$  WL:  $L_c = \text{--nm}$  Purity=26.1%  
 Ratio: R=17.8% G=78.8% B=3.5% ; Peak WL:  $L_p = 447.6\text{nm}$  FWHM=19.7nm  
 Render Index:  $R_a = 82.5$  AvgR=75.7 TM30:  $R_f = 84$   $R_g = 96$   $L_{av} = 566.7\text{nm}$

R1 =81    R2 =87    R3 =93    R4 =83    R5 =81    R6 =83    R7 =86  
 R8 =65    R9 =5    R10=71    R11=83    R12=64    R13=82    R14=96    R15=74

**Photo Parameters:**

Flux = 4365 lm    Eff. : 125.26 lm/W     $F_e = 13.21$  W

**Electrical parameters:**

V = 220.30 V    I = 0.2470 A    P = 34.85 W PF = 0.6404  
 WHITE:ANSI\_4000K

Status: Integral T = 15 ms  $I_p = 53695$  (82%)

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

Number:934FTL35W/BL1  
 Date:2021-06-11 13:13:52  
 Humidity:65.0%  
 Remarks: