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: 93FTL35W/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	4 000
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	83
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		

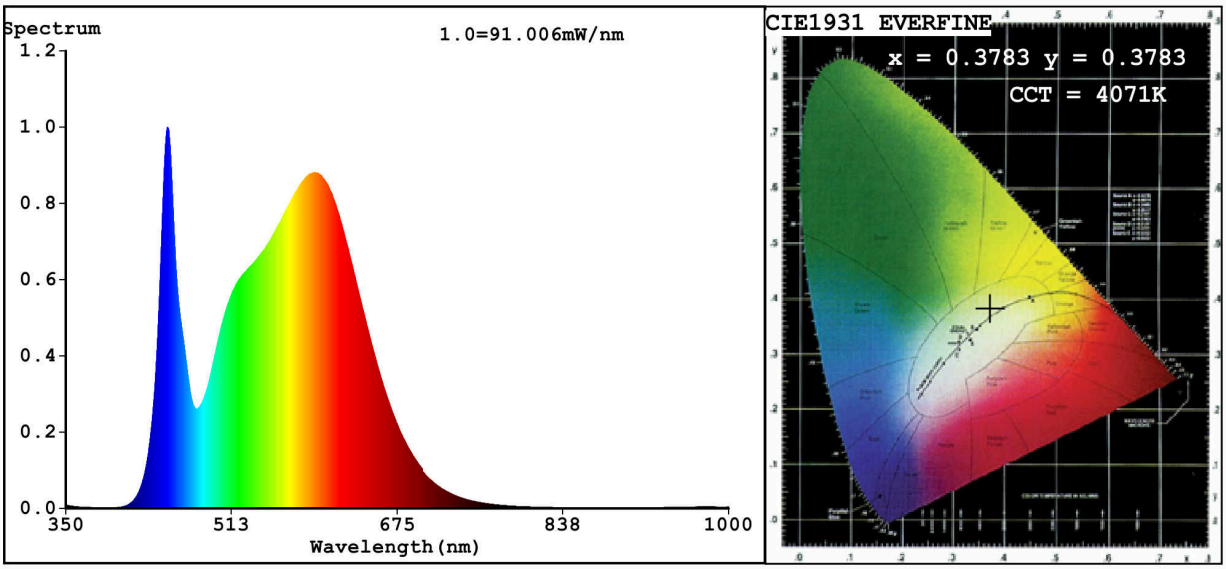
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,378 0,378
Parameters for directional light sources:				
Peak luminous intensity (cd)		449	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		6	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;

EVERFINE HAAS-1200 Test Report

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3783 y=0.3783/u'=0.2231 v'=0.5019

CCT=4071K(Duv=0.0014) Dominant WL:Ld =578.0nm WL:Lc = --nm Purity=27.0%

Ratio:R=18.0% G=78.3% B=3.7%¡¡Peak WL:Lp=449.9nm FWHM=21.5nm

Render Index:Ra=83.1

R1 =81	R2 =89	R3 =95	R4 =82	R5 =82	R6 =85	R7 =86	
R8 =64	R9 =6	R10=75	R11=82	R12=63	R13=83	R14=98	R15=75

Photo Parameters:

Flux = 4632 lm Eff. : 140.48 lm/W Fe = 13.99 W

Electrical parameters:

V = 219.97 V I = 0.1560 A P = 32.97 W PF = 0.9606

WHITE:ANSI_4000K

~~Status: Integral T = 10 ms Ip = 41302 (63%)~~

Model:TRACK LIGHTS FTL	Number:93FTL35W/WH
Tester:Atanas DAKOV	Date:2020-07-16 08:40:24
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6664