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: 934FTL35CW/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

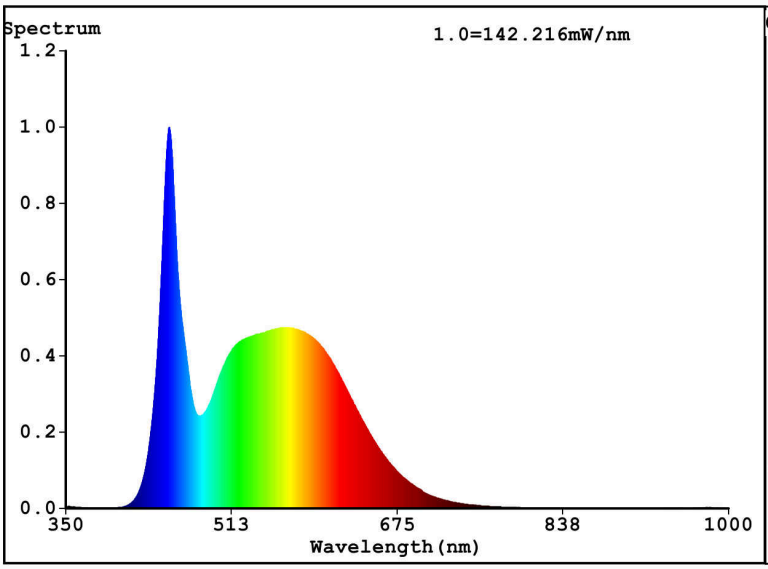
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	35	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	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	6 000
On-mode power (P_{on}), expressed in W	34,1	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	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		

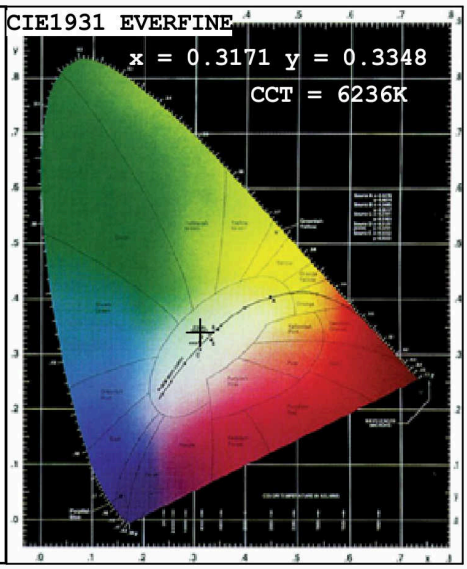
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,317 0,334
Parameters for directional light sources:				
Peak luminous intensity (cd)		451	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		8	Survival factor	0,90
the lumen maintenance factor		0,90		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,60	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=0.3171 y=0.3348/u'=0.1987 v'=0.4720

CCT=6236K(Duv=0.0039) Dominant WL:Ld =492.8nm WL:Lc = --nm Purity=5.4%

Ratio:R=13.7% G=80.7% B=5.6%¡¡Peak WL:Lp=451.9nm FWHM=22.0nm

Render Index:Ra=83.6

R1 =82	R2 =88	R3 =92	R4 =83	R5 =83	R6 =84	R7 =88	
R8 =69	R9 =8	R10=72	R11=83	R12=60	R13=84	R14=96	R15=77

Photo Parameters:

Flux = 4411 lm Eff. : 129.14 lm/W Fe = 14.16 W

Electrical parameters:

V = 219.94 V I = 0.2420 A P = 34.16 W PF = 0.6418

WHITE:ANSI_6500K

~~Status: Integral T = 7 ms Ip = 42341 (65%)~~

Model:TRACK LIGHTS FTL	Number:934FTL35CW BL
Tester:Atanas DAKOV	Date:2021-04-09 08:49:44
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7456