

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: 93FTL35CW/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

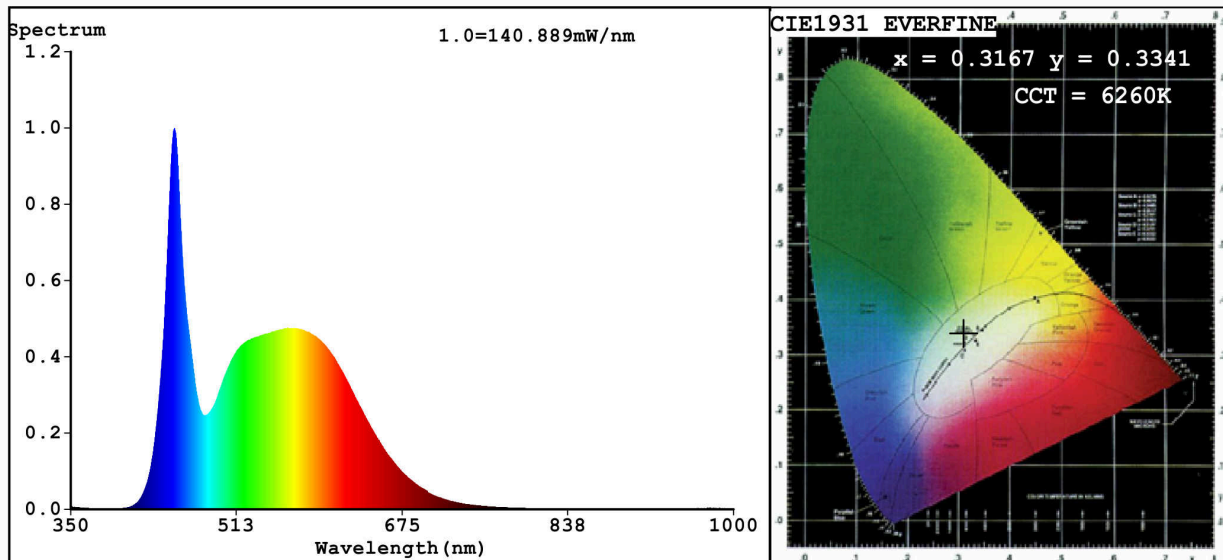
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	35	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	6 000
On-mode power (P_{on}), expressed in W	34,0	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	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)	0,316 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	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,60	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: $x=0.3167$ $y=0.3341$ $u'=0.1987$ $v'=0.4716$
 CCT=6260K (Duv=0.0038) Dominant WL:Ld = 0.0nm WL:Lc = --nm Purity=1.2%
 Ratio: R=13.7% G=80.7% B=5.6%; Peak WL:Lp=451.9nm FWHM=22.3nm
 Render Index: Ra=83.7

R1 =82	R2 =89	R3 =92	R4 =83	R5 =83	R6 =84	R7 =88
R8 =70	R9 =8	R10=72	R11=83	R12=60	R13=84	R14=96 R15=77

Photo Parameters:

Flux = 4370 lm Eff. : 128.34 lm/W Fe = 14.06 W

Electrical parameters:

V = 219.99 V I = 0.2403 A P = 34.05 W PF = 0.6440
 WHITE:ANSI_6500K

Status: Integral T = 7 ms Ip = 41965 (64%)

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

Number:93FTL35CW WH
 Date:2021-04-09 08:52:48
 Humidity:65.0%
 Remarks:7456