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: 92FLD1565/WHE

Type of light source:

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

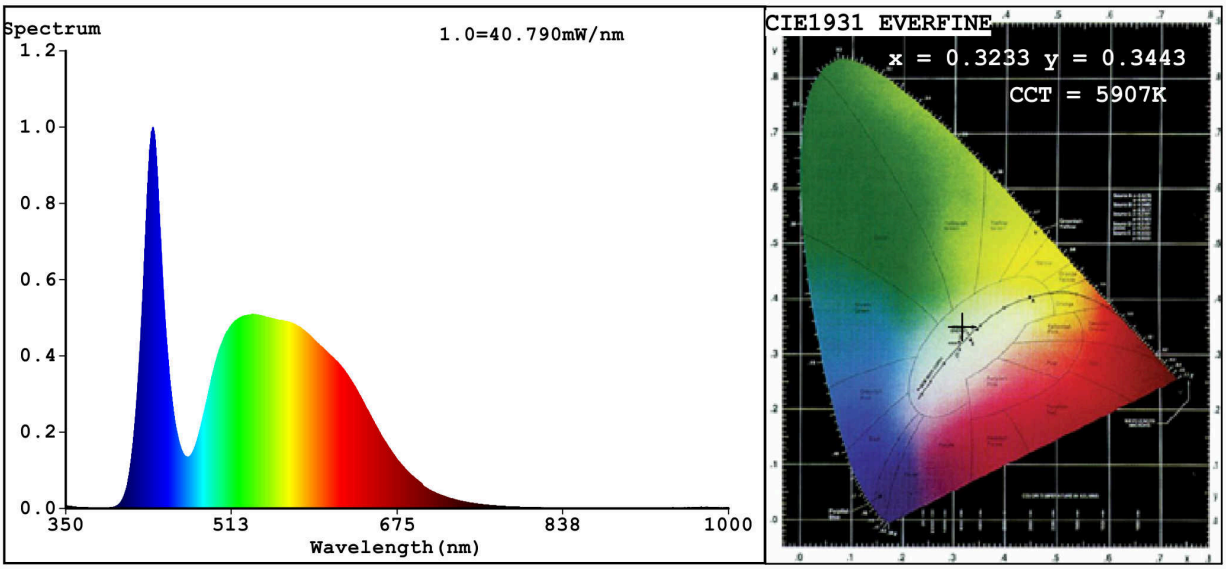
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	15	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 350 in Wide cone (120°)	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	19,6	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	79
Outer dimensions without — Height	128	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	128		
Outer dimensions without — Depth	70		

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)	0,323 0,344
Parameters for directional light sources:				
Peak luminous intensity (cd)		435	Beam angle in degrees, or the range of beam angles that can be set	100
Parameters for LED and OLED light sources:				
R9 colour rendering index value		16	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	0
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=0.3233 y=0.3443/u'=0.1994 v'=0.4778

CCT=5907K(Duv=0.0058) Dominant WL:Ld =506.7nm WL:Lc = --nm Purity=3.1%

Ratio:R=13.9% G=81.6% B=4.4%¡¡Peak WL:Lp=435.7nm FWHM=23.0nm

Render Index:Ra=79.9

R1 =80	R2 =81	R3 =83	R4 =80	R5 =82	R6 =79	R7 =81	
R8 =72	R9 =16	R10=58	R11=85	R12=67	R13=79	R14=91	R15=73

Photo Parameters:

Flux = 1340 lm Eff. : 68.17 lm/W Fe = 4.478 W

Electrical parameters:

V = 219.97 V I = 0.1666 A P = 19.66 W PF = 0.5366

WHITE:ANSI_5700K

Status: Integral T = 25 ms Ip = 45501 (69%)

Model:SPOTLIGHT FLD	Number:92FLD1565/WH
Tester:Atanas Dakov	Date:2019-12-02 16:13:36
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6163