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: 92FLD2565/WHE

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	25	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)	2 300 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	34,7	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	183	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	183		
Outer dimensions without — Depth	97		

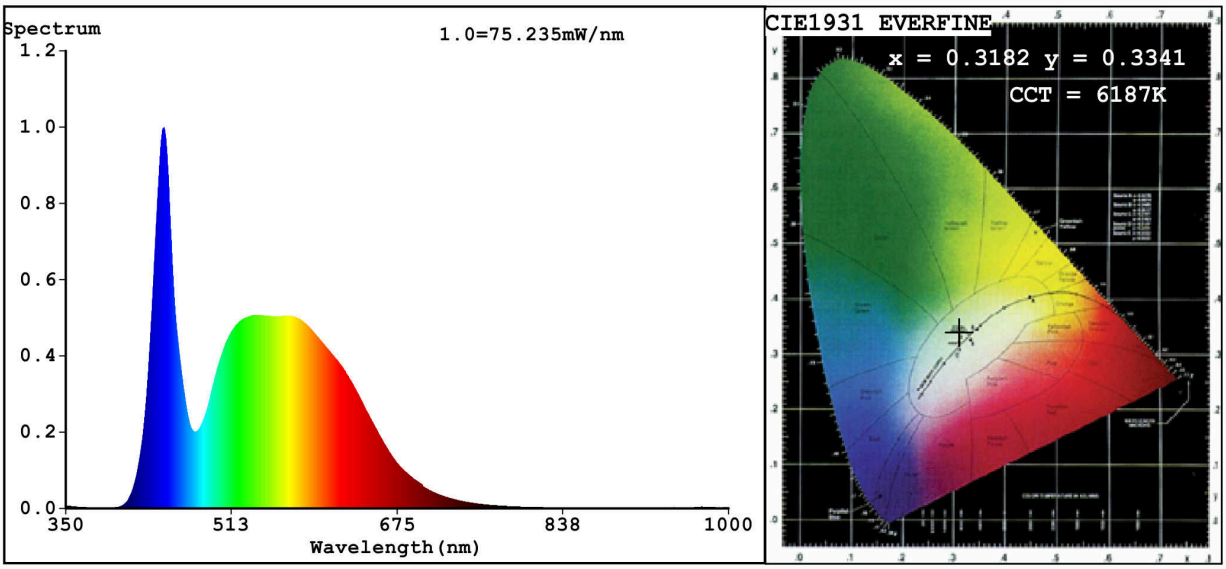
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,318 0,334
Parameters for directional light sources:				
Peak luminous intensity (cd)		446	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		18	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	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;

EVERFINE HAAS-1200 Test Report

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3182 y=0.3341/u'=0.1997 v'=0.4718

CCT=6187K(Duv=0.0031) Dominant WL:Ld =0.0nm WL:Lc = --nm Purity=1.1%

Ratio:R=13.8% G=81.3% B=4.9%¡¡Peak WL:Lp=446.5nm FWHM=23.7nm

Render Index:Ra=82.7

R1 =82	R2 =84	R3 =86	R4 =84	R5 =84	R6 =80	R7 =87	
R8 =74	R9 =18	R10=64	R11=85	R12=65	R13=82	R14=93	R15=78

Photo Parameters:

Flux = 2505 lm Eff. : 72.18 lm/W Fe = 8.219 W

Electrical parameters:

V = 219.83 V I = 0.1624 A P = 34.71 W PF = 0.9721

WHITE:ANSI_6500K

Status: Integral T = 12 ms Ip = 42265 (64%)

Model:SPOTLIGHT FLD	Number:92FLD2565/WH1
Tester:Atanas Dakov	Date:2019-12-03 08:54:19
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6163