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: 92FLD3565/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	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)	3 500 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	6 500
On-mode power (P_{on}), expressed in W	35,9	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	84
Outer dimensions without — Height	220	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	220		
Outer dimensions without — Depth	100		

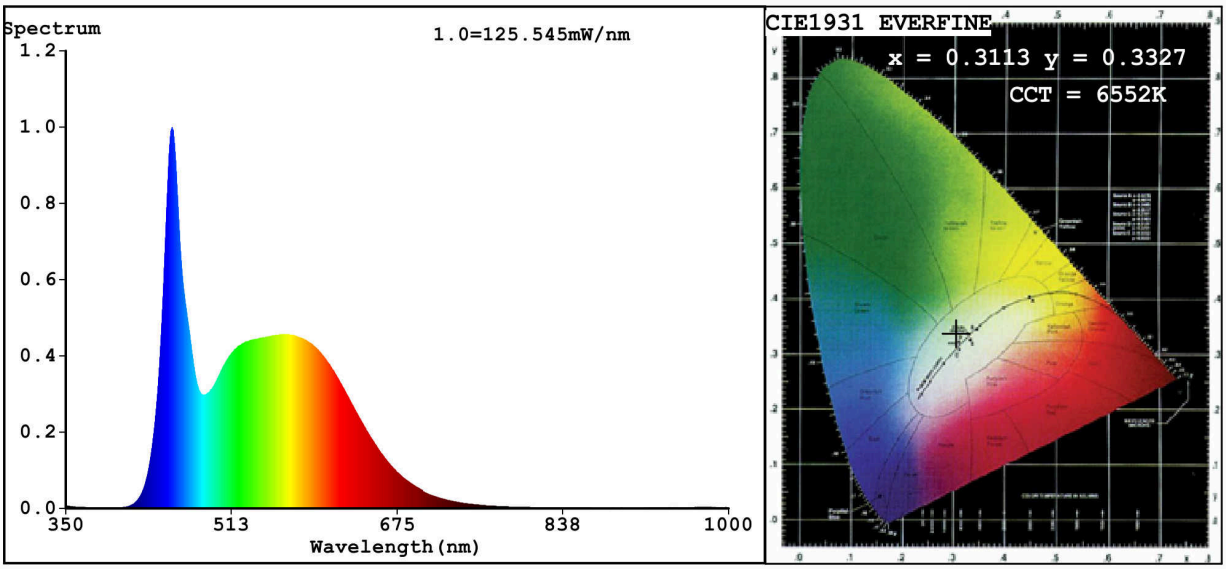
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,311 0,332
Parameters for directional light sources:				
Peak luminous intensity (cd)		454	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		12	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=0.3113 y=0.3327/u'=0.1955 v'=0.4701

CCT=6552K(Duv=0.0058) Dominant WL:Ld =491.4nm WL:Lc = --nm Purity=7.5%

Ratio:R=13.4% G=80.2% B=6.4%¡¡Peak WL:Lp=454.3nm FWHM=24.9nm

Render Index:Ra=84.7

R1 =83	R2 =92	R3 =95	R4 =81	R5 =83	R6 =87	R7 =87	
R8 =70	R9 =12	R10=80	R11=81	R12=59	R13=86	R14=98	R15=78

Photo Parameters:

Flux = 3794 lm Eff. : 105.48 lm/W Fe = 12.37 W

Electrical parameters:

V = 220.02 V I = 0.1668 A P = 35.97 W PF = 0.9802

WHITE:ANSI_6500K

Status: Integral T = 9 ms Ip = 48766 (74%)

Model:LED DOWNLIGHT FIXTURES	Number:92FLD3565/WH
Tester:Atanas DAKOV	Date:2021-01-26 08:31:57
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6928