

# 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:** 92FLD1530/WH

## 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

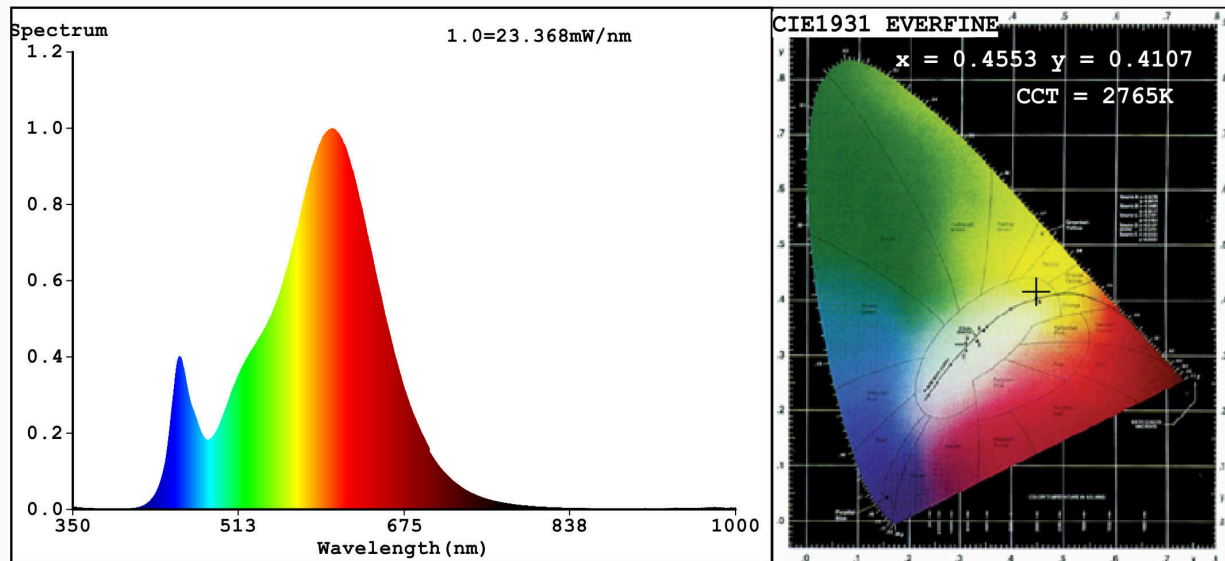
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	15	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 100 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	3 000
On-mode power ( $P_{on}$ ), expressed in W	13,3	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	80
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 <sup>(a)</sup>	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,455 0,410	
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	604	Beam angle in degrees, or the range of beam angles that can be set	100	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	1	Survival factor	0,53	
the lumen maintenance factor	0,90			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	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:  $x=0.4553$   $y=0.4107$   $u'=0.2595$   $v'=0.5267$   
 CCT=2765K (Duv=0.0004) Dominant WL:  $L_d = 583.7nm$  WL:  $L_c = --nm$  Purity=60.0%  
 Ratio: R=24.3% G=73.3% B=2.4% Peak WL:  $L_p = 604.4nm$  FWHM=114.1nm  
 Render Index:  $R_a = 80.7$

R1 =79	R2 =91	R3 =94	R4 =77	R5 =79	R6 =90	R7 =80
R8 =54	R9 =1	R10=81	R11=76	R12=72	R13=82	R14=97
						R15=71

### Photo Parameters:

Flux = 1077 lm Eff. : 80.52 lm/W  $F_e = 3.294 W$

### Electrical parameters:

V = 219.98 V I = 0.1133 A P = 13.38 W PF = 0.5371

WHITE: ANSI\_2700K

Status: Integral T = 44 ms  $I_p = 51026 (78\%)$

Model: LED DOWNLIGHT FIXTURES  
 Tester: Atanas DAKOV  
 Temperature: 25.3Deg  
 Manufacturer: ELMARK

Number: 92FLD1530  
 Date: 2020-10-29 14:48:39  
 Humidity: 65.0%  
 Remarks: 6928