

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** STELLAR

**Supplier's address:** ELMARK INDUSTRIES SC, bul.Dobrudja 2, 9300 Dobrich Dobrich, BG

**Model identifier:** 92FLD3540/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

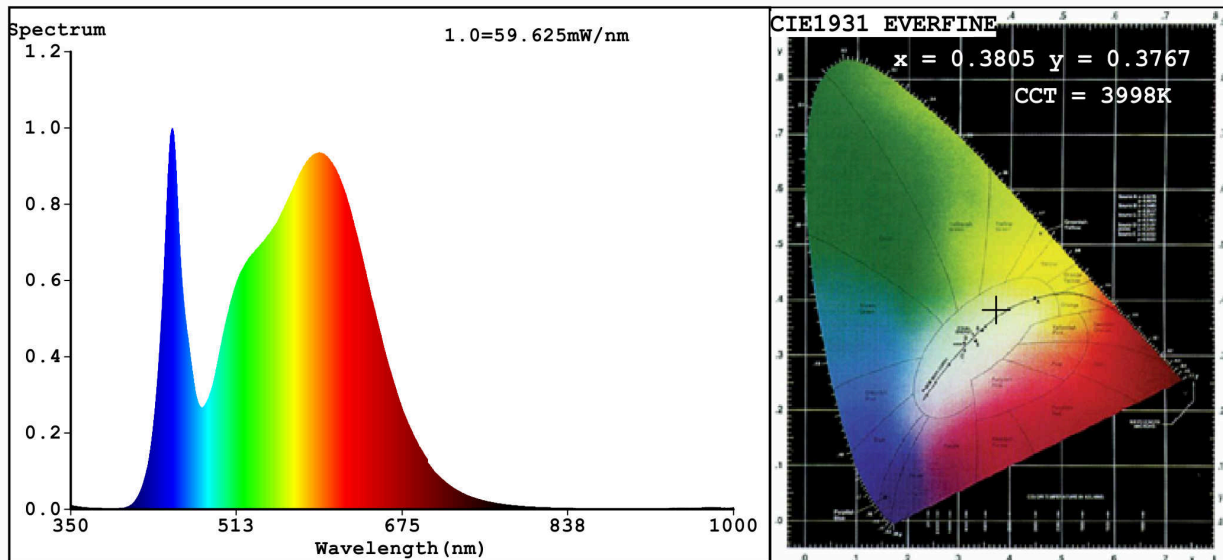
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	35	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	3 150 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	4 000
On-mode power ( $P_{on}$ ), expressed in W	37,7	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	84
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,380 0,376	
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	449	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	14	Survival factor	0,50	
the lumen maintenance factor	0,93			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	0,60	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:  $x=0.3805$   $y=0.3767$   $u'=0.2252$   $v'=0.5016$   
CCT=3998K (Duv=-0.0000) Dominant WL:Ld =579.1nm WL:Lc = --nm Purity=27.2%  
Ratio:R=18.4% G=78.0% B=3.6%;;Peak WL:Lp=449.6nm FWHM=23.5nm  
Render Index:Ra=84.1 AvgR=77.9 TM30:Rf=85 Rg=96 Lav=570.0nm

R1 =83 R2 =89 R3 =95 R4 =84 R5 =83 R6 =86 R7 =87  
R8 =67 R9 =14 R10=75 R11=83 R12=66 R13=84 R14=97 R15=77

### Photo Parameters:

Flux = 3235 lm Eff. : 85.76 lm/W Fe = 9.966 W

### Electrical parameters:

V = 225.21 V I = 0.2501 A P = 37.72 W PF = 0.6699

WHITE:ANSI\_4000K

Status: Integral T = 17 ms Ip = 46715 (71%)

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

Number:92FLD3540 WH  
Date:2021-08-03 10:35:16  
Humidity:65.0%  
Remarks:7903