

# 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:** 98HELIOS30E

## 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

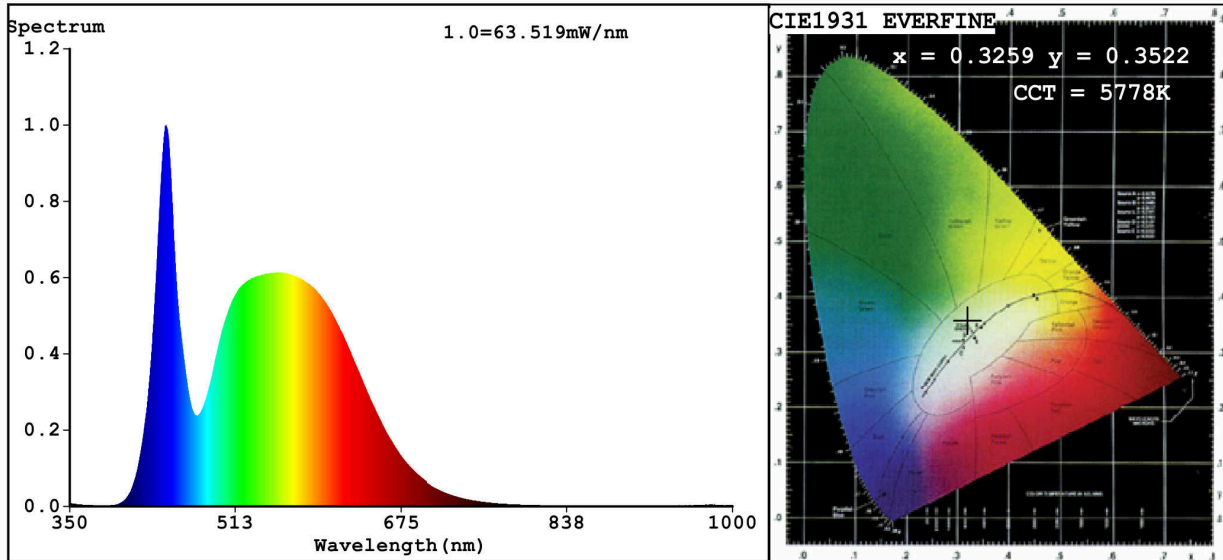
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	30	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 530 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	5 500
On-mode power ( $P_{on}$ ), expressed in W	30,0	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)	0,325 0,352
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	444	Beam angle in degrees, or the range of beam angles that can be set	120
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	0	Survival factor	0,90
the lumen maintenance factor	0,93		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,90	Colour consistency in McAdam ellipses	1
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: $x=0.3259$   $y=0.3522$ / $u'=0.1982$   $v'=0.4821$   
 CCT=5778K(Duv=0.0085) Dominant WL:Ld =528.7nm WL:Lc = --nm Purity=4.0%  
 Ratio:R=13.6% G=81.8% B=4.7%; Peak WL:Lp=444.5nm FWHM=24.6nm  
 Render Index:Ra=80.2

R1 =77    R2 =83    R3 =89    R4 =82    R5 =80    R6 =79    R7 =86  
 R8 =67    R9 =0    R10=61    R11=82    R12=65    R13=78    R14=94    R15=70

**Photo Parameters:**

Flux = 2530 lm    Eff. : 81.80 lm/W    Fe = 7.979 W

**Electrical parameters:**

V = 219.95 V    I = 0.1451 A    P = 30.93 W PF = 0.9695

WHITE:OUT

Status: Integral T = 13 ms    Ip = 44296 (68%)

Model:LED FLOODLIGHT  
 Tester:Atanas DAKOV  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:98HELIOS30  
 Date:2020-12-14 14:19:28  
 Humidity:65.0%  
 Remarks:7084