

# 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:** 99DS206

**Type of light source:**

Lighting technology used:	mixed	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Integrated LED		
Mains or non-mains:	MLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	No	Envelope:	No
High luminance light source:	Yes		
Anti-glare shield:	No	Dimmable:	No

## Product parameters

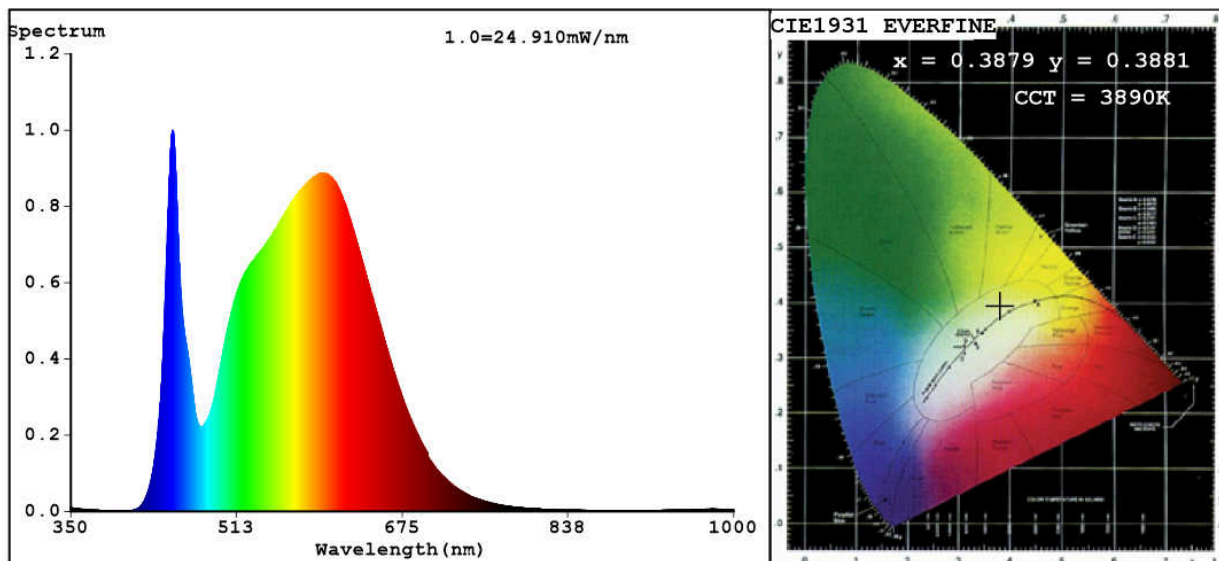
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	20	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 300 in Sphere (360°)	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	17,8	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,30
Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal	0,20	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	83
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)	0,387 0,388

(a) - : not applicable;

(b) - : not applicable;

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3879$   $y=0.3881$   $u'=0.2254$   $v'=0.5076$   
 CCT=3890K (Duv=0.0031) Dominant WL:  $L_d=578.0\text{nm}$  WL:  $L_c=--\text{nm}$  Purity=32.9%  
 Ratio: R=18.6% G=78.1% B=3.3% Peak WL:  $L_p=449.6\text{nm}$  FWHM=18.4nm  
 Render Index:  $R_a=83.7$   $\text{AvgR}=77.1$  TM30:  $R_f=85$   $R_g=96$   $L_{av}=574.0\text{nm}$

R1 =82 R2 =88 R3 =94 R4 =84 R5 =82 R6 =84 R7 =88  
 R8 =68 R9 =16 R10=72 R11=83 R12=60 R13=83 R14=97 R15=76

### Photo Parameters:

Flux = 1307 lm Eff. : 73.08 lm/W  $\text{Fe} = 4.010\text{ W}$

### Electrical parameters:

V = 225.16 V I = 0.2303 A P = 17.89 W PF = 0.3448

WHITE: ANSI\_4000K

Status: Integral T = 49 ms  $\text{Ip} = 52991$  (81%)

Model: ST92A  
 Tester: Atanas DAKOV  
 Temperature: 25.3Deg  
 Manufacturer: ELMARK

Number: 99DS206  
 Date: 2021-10-11 10:36:47  
 Humidity: 65.0%  
 Remarks: MOSTRA