

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: 99XLED309

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: | NMLS | Connected light source (CLS): | No |
| Colour-tuneable light source: | No | Envelope: | - |
| High luminance light source: | No | | |
| Anti-glare shield: | No | Dimmable: | No |

Product parameters

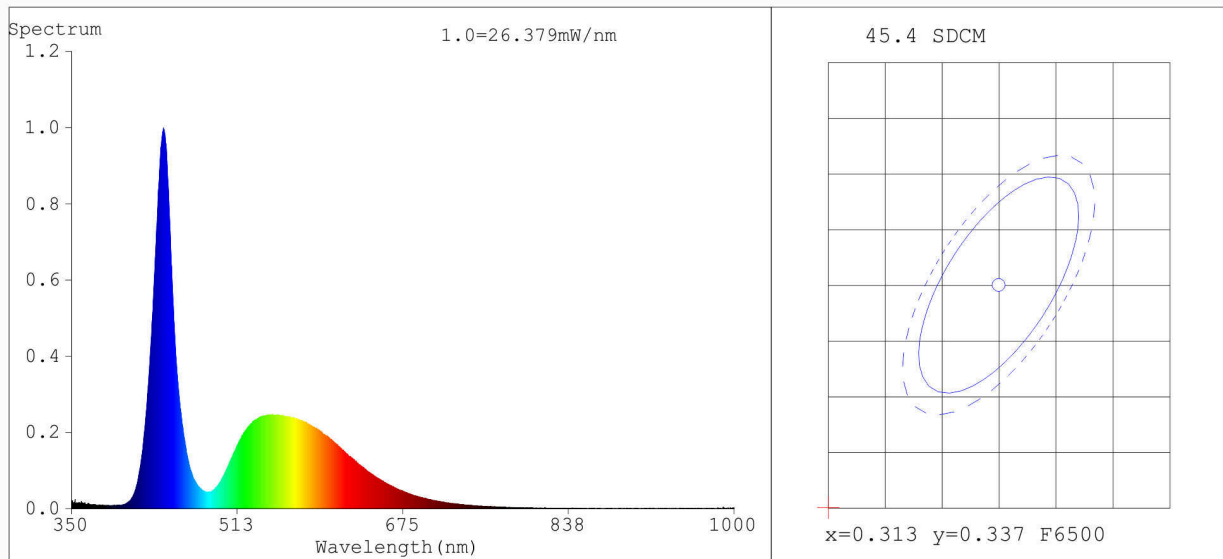
| Parameter | Value | Parameter | Value |
|--|-------------------------|--|------------------------|
| General product parameters: | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 9 | Energy efficiency class | G |
| Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 388 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 | 9,0 | 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 | 70 |
| 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 ^(a) | - | | If yes, equivalent power (W) | - |
| | | | Chromaticity coordinates (x and y) | 0,278 0,205 |
| Parameters for directional light sources: | | | | |
| Peak luminous intensity (cd) | 440 | | Beam angle in degrees, or the range of beam angles that can be set | 120 |
| Parameters for LED and OLED light sources: | | | | |
| R9 colour rendering index value | 44 | | Survival factor | 1,00 |
| the lumen maintenance factor | 1,00 | | | |

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2786$ $y=0.2493$ $u'=0.2051$ $v'=0.4129$
 CCT=14963K (Duv=-0.0206) Dominant WL:Ld =463.0nm WL:Lc = --nm Purity=28.2%
 Ratio:R=12.5% G=83.1% B=4.5% Peak WL:Lp=440.4nm FWHM=21.3nm
 Render Index:Ra=70.0 AvgR=65.2 TM30:Rf=61 Rg=101

R1 =85 R2 =68 R3 =47 R4 =72 R5 =85 R6 =58 R7 =69
 R8 =76 R9 =44 R10=17 R11=85 R12=45 R13=75 R14=69 R15=84

Photo Parameters:

Flux = 388.1 lm Eff. : 42.29 lm/W Fe = 1.542 W

Electrical parameters:

V = 11.999 V I = 0.7649 A P = 9.178 W PF = 1.000

Status: Integral T = 500 ms Ip = 35080 (54%)