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: 9XREMY18LED

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
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

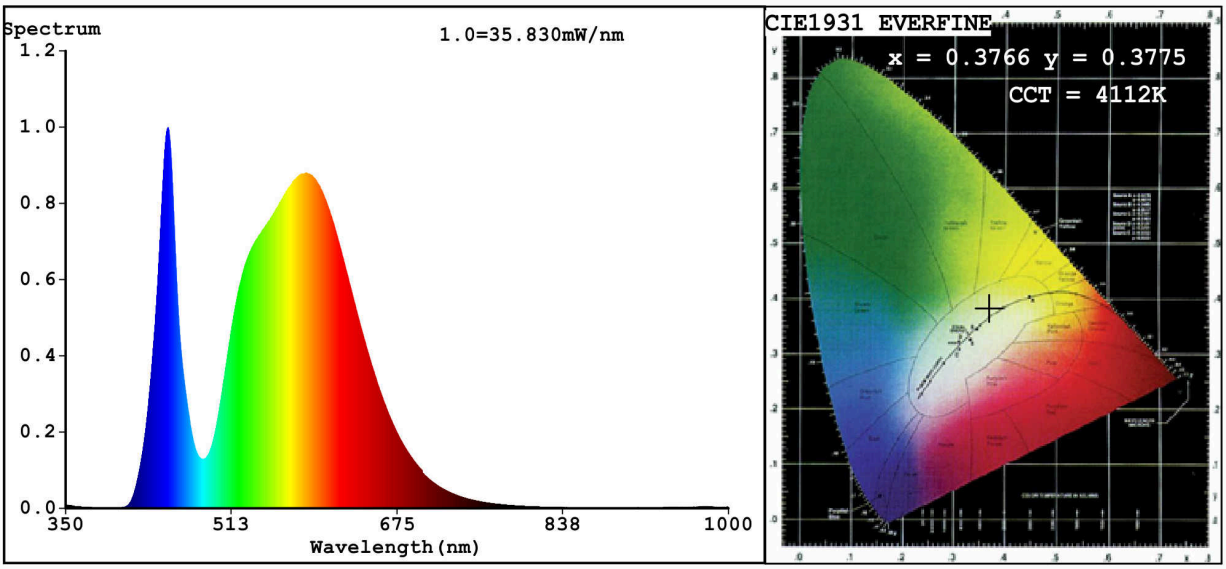
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 805 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	18,0	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	73
Outer dimensions without — Height	600	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	75		
Outer dimensions without — Depth	46		

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)	0,376 0,377
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,50
the lumen maintenance factor		0,85		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	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=0.3766 y=0.3775/u'=0.2222 v'=0.5013

CCT=4112K(Duv=0.0015) Dominant WL:Ld =577.8nm WL:Lc = --nm Purity=26.3%

Ratio:R=16.7% G=80.8% B=2.5%¡¡Peak WL:Lp=450.6nm FWHM=22.8nm

Render Index:Ra=73.9

R1 =71	R2 =80	R3 =86	R4 =74	R5 =71	R6 =71	R7 =83	
R8 =56	R9 =0	R10=51	R11=69	R12=43	R13=73	R14=92	R15=66

Photo Parameters:

Flux = 1805 lm Eff. : 98.53 lm/W Fe = 5.272 W

Electrical parameters:

V = 219.95 V I = 0.1457 A P = 18.32 W PF = 0.5717

WHITE:ANSI_4000K

~~Status: Integral T = 32 ms Ip = 50503 (77%)~~

Model:LED INTERIOR LIGHTING	Number:9XREMY18LED
Tester:Atanas DAKOV	Date:2021-02-01 13:02:55
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7292