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: 9XREMY36LED

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

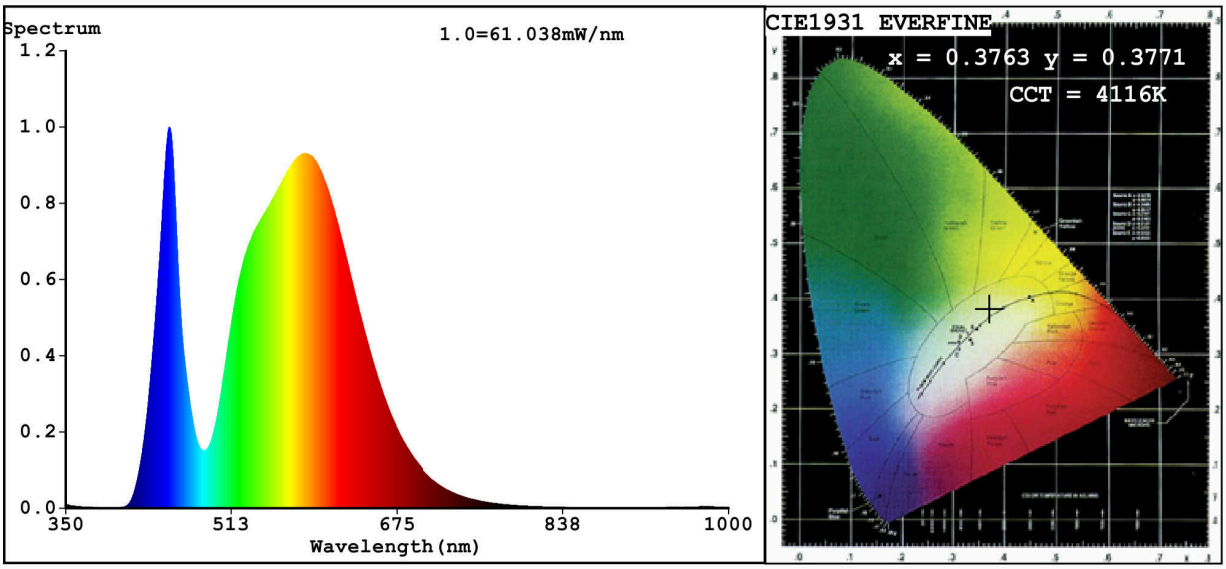
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	36	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	2 300 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	36,0	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	74
Outer dimensions without — Height	1 200	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=0.3763 y=0.3771/u'=0.2223 v'=0.5011

CCT=4116K(Duv=0.0014) Dominant WL:Ld =577.8nm WL:Lc = --nm Purity=26.1%

Ratio:R=16.7% G=80.6% B=2.7%¡¡Peak WL:Lp=451.6nm FWHM=25.2nm

Render Index:Ra=74.3

R1 =72	R2 =81	R3 =87	R4 =73	R5 =71	R6 =72	R7 =83	
R8 =56	R9 =0	R10=53	R11=69	R12=44	R13=73	R14=92	R15=66

Photo Parameters:

Flux = 3243 lm Eff. : 88.71 lm/W Fe = 9.489 W

Electrical parameters:

V = 219.96 V I = 0.3361 A P = 36.56 W PF = 0.4944

WHITE:ANSI_4000K

~~Status: Integral T = 12 ms Ip = 33660 (51%)~~

Model:LED INTERIOR LIGHTING	Number:9XREMY36LED
Tester:Atanas DAKOV	Date:2021-04-14 11:31:20
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7467