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: -

Model identifier: 9XREMY18LED/CW

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

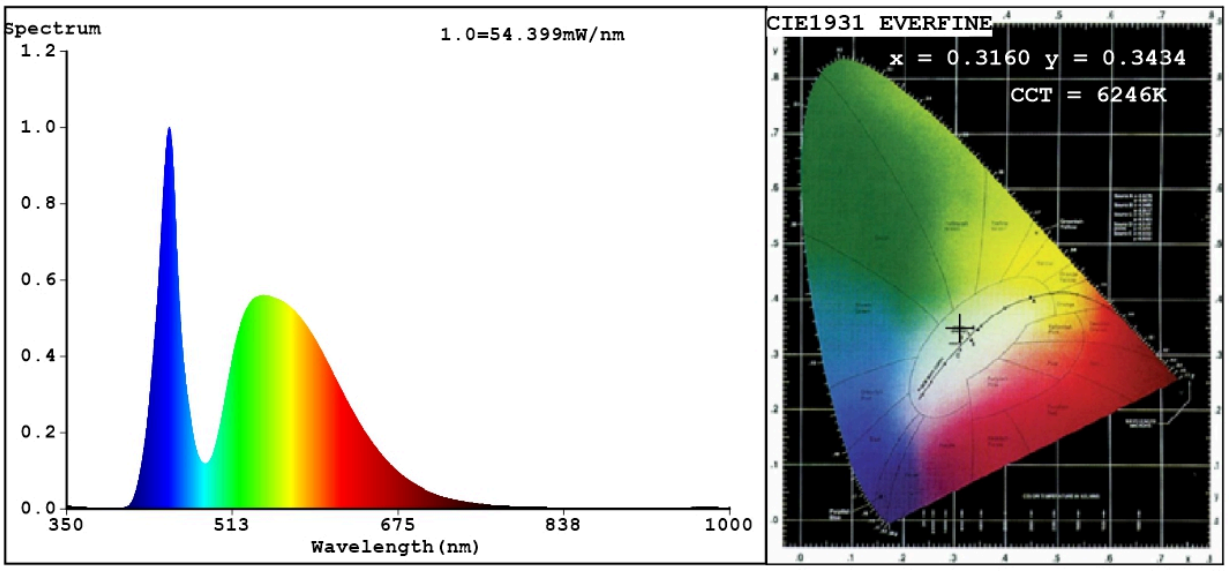
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 800 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	6 300
On-mode power (P_{on}), expressed in W	21,0	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	71
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)	0,316 0,343
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,50
the lumen maintenance factor		0,95		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,30	Colour consistency in McAdam ellipses	4
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)		0,6	Stroboscopic effect metric (SVM)	0,2

[a] '-' : not applicable;

[b] '-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3160 y=0.3434/u'=0.1948 v'=0.4763

CCT=6246K(Duv=0.0088) Dominant WL:Ld =499.4nm WL:Lc = --nm Purity=5.3%

Ratio:R=11.9% G=84.4% B=3.7%¡¡Peak WL:Lp=450.6nm FWHM=23.2nm

Render Index:Ra=71.3 AvgR=62.5 TM30:Rf=75 Rg=91 Lav=543.4nm

R1 =68	R2 =75	R3 =79	R4 =72	R5 =69	R6 =66	R7 =82	
R8 =59	R9 =0	R10=39	R11=68	R12=39	R13=69	R14=88	R15=62

Photo Parameters:

Flux = 1783 lm Eff. : 83.31 lm/W Fe = 5.447 W

Electrical parameters:

V = 225.74 V I = 0.2461 A P = 21.40 W PF = 0.3851

WHITE:ANSI_6500K

Status: Integral T = 23 ms Ip = 51750 (79%)

Model: LED INTERIOR LIGHTING	Number:9XREMY18LEDCW
Tester:Atanas DAKOV	Date:2022-02-08 09:33:02
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:8051