

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/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

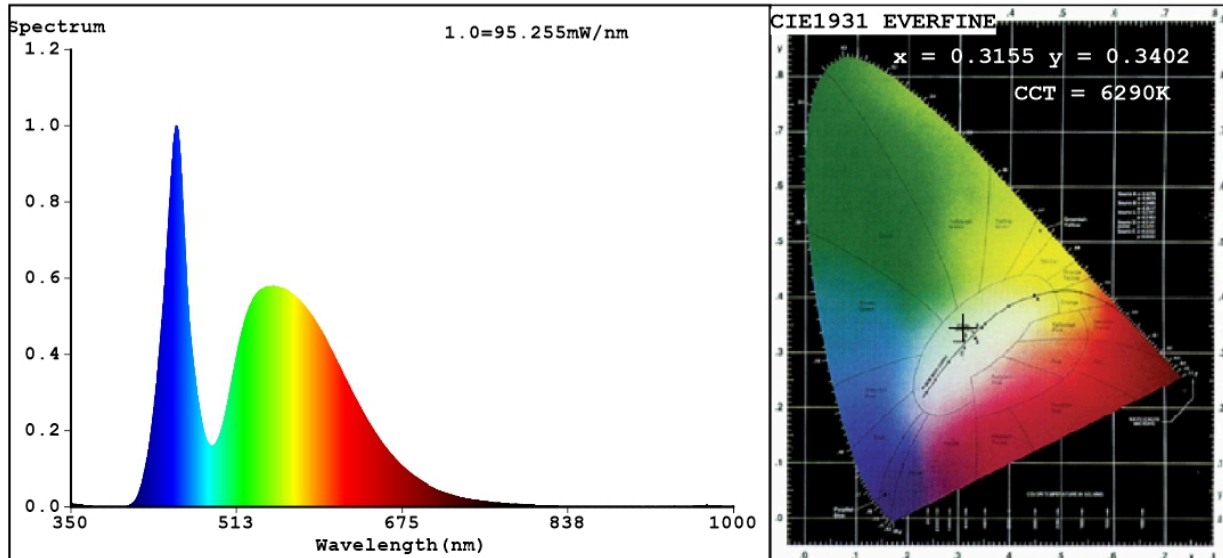
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	36	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	3 300 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	6 300
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	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)	0,315 0,340	
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 ϕ_1)	0,50	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)	0,4	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3155$ $y=0.3402$ $u'=0.1956$ $v'=0.4746$
 CCT=6290K (Duv=0.0075) Dominant WL: $L_d = 496.7nm$ WL: $L_c = --nm$ Purity=5.6%
 Ratio: R=12.2% G=83.5% B=4.3%; Peak WL: $L_p = 454.3nm$ FWHM=26.0nm
 Render Index: $R_a = 74.3$ AvgR=65.5 TM30: $R_f = 77$ $R_g = 91$ $L_{av} = 543.3nm$

R1 =71	R2 =79	R3 =83	R4 =73	R5 =72	R6 =71	R7 =85
R8 =62	R9 =0	R10=48	R11=69	R12=43	R13=72	R14=90
						R15=66

Photo Parameters:

Flux = 3279 lm Eff. : 82.70 lm/W Fe = 10.20 W

Electrical parameters:

V = 225.69 V I = 0.3509 A P = 39.65 W PF = 0.5007

WHITE: ANSI_6500K

Status: Integral T = 12 ms Ip = 48437 (74%)

Model: LED INTERIOR LIGHTING
 Tester: Atanas DAKOV
 Temperature: 25.3Deg
 Manufacturer: ELMARK

Number: 9XREMY36LEDCW
 Date: 2022-02-08 09:29:13
 Humidity: 65.0%
 Remarks: 8051