

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: 98ROUTE150SMD

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

Product parameters

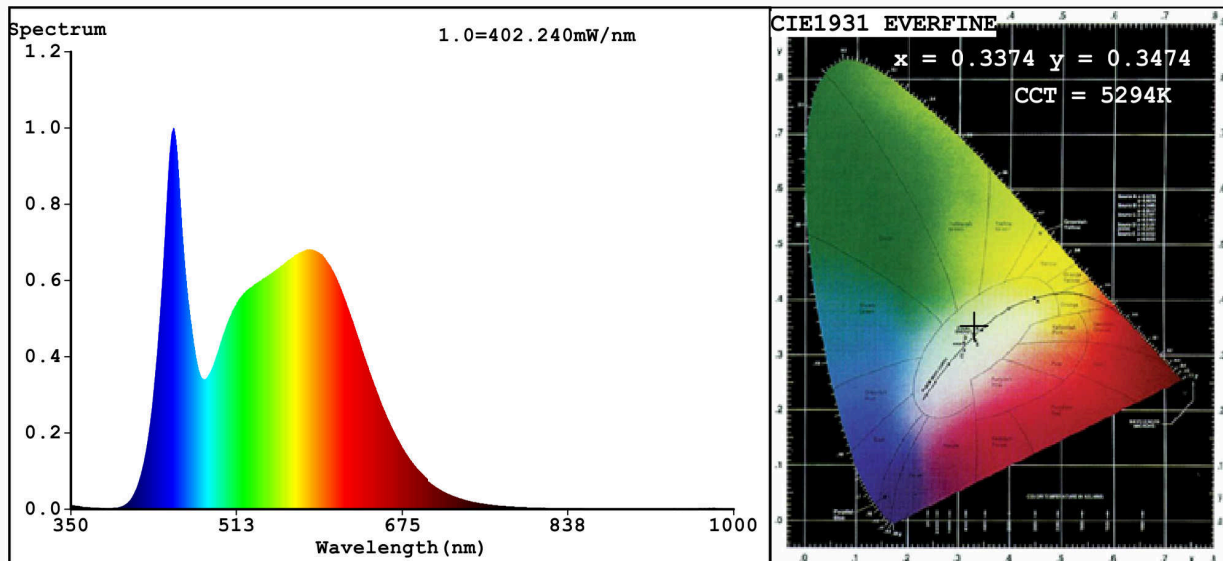
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	150	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	12 000 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	5 500
On-mode power (P_{on}), expressed in W	154,0	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	85
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	149	
		Chromaticity coordinates (x and y)	0,337 0,347	
Parameters for directional light sources:				
Peak luminous intensity (cd)	9 339	Beam angle in degrees, or the range of beam angles that can be set	106	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	13	Survival factor	0,90	
the lumen maintenance factor	1,00			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,90	Colour consistency in McAdam ellipses	5	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	Yes ^(b)	If yes then replacement claim (W)	99	
Flicker metric (Pst LM)	1,0	Stroboscopic effect metric (SVM)	1,0	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3374$ $y=0.3474$ $u'=0.2078$ $v'=0.4815$
 CCT=5294K (Duv=0.0011) Dominant WL: $L_d = 564.9nm$ WL: $L_c = --nm$ Purity=5.5%
 Ratio: R=15.4% G=79.5% B=5.1% ; Peak WL: $L_p = 450.6nm$ FWHM=29.7nm
 Render Index: $R_a = 85.0$

R1 =83	R2 =90	R3 =94	R4 =85	R5 =85	R6 =86	R7 =87
R8 =69	R9 =13	R10=76	R11=85	R12=70	R13=85	R14=97 R15=78

Photo Parameters:

Flux = 17388 lm Eff. : 113.10 lm/W Fe = 55.58 W

Electrical parameters:

V = 219.78 V I = 0.7184 A P = 153.7 W PF = 0.9737
 WHITE: ANSI_5000K

Status: Integral T = 3 ms Ip = 38287 (58%)

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

Number: 98ROUTE150SMD
 Date: 2020-01-17 13:15:08
 Humidity: 65.0%
 Remarks: 6361

Model placed on the Union market from 02/10/2019.



EPREL registration number: 729023

<https://eprel.ec.europa.eu/qr/729023>

Supplier: ELMARK INDUSTRIES SC (Importer)

Website: www.elmarkholding.eu

Customer care service:

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