Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: ELMARK

Supplier's address: ELMARK INDUSTRIES SC, bul.Dobrudja 2, 9300 Dobrich Dobrich, BG

Model identifier: 9RT5900/WW

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

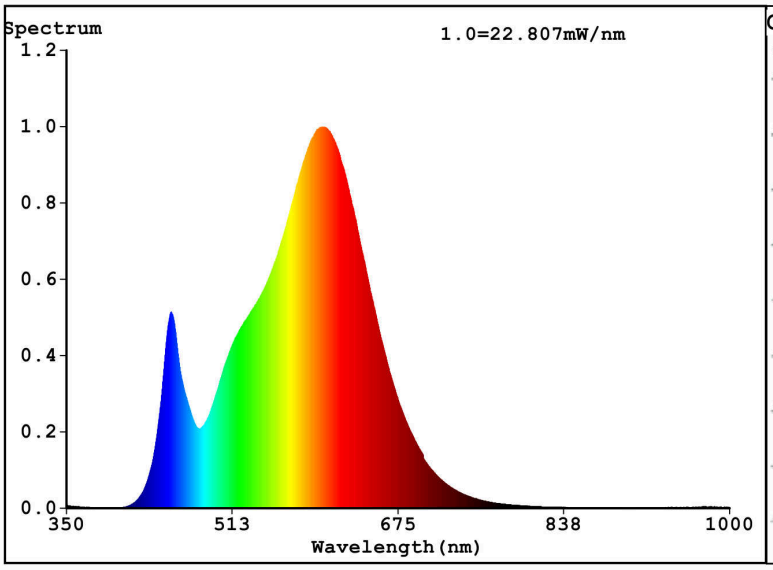
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	14	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 120 in Sphere (360°)	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	3 000
On-mode power (P_{on}), expressed in W	14,1	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	81
Outer dimensions without — Height	860	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	35		
Outer dimensions without — Depth	22		

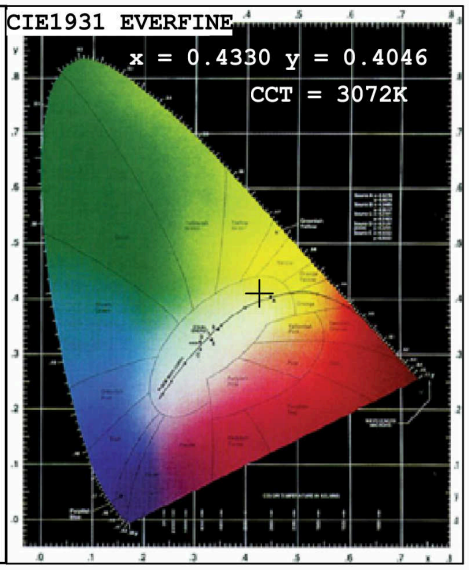
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,443 0,404
Parameters for LED and OLED light sources:				
R9 colour rendering index value		1	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	5
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)		0,4	Stroboscopic effect metric (SVM)	0,6

[a] '-' : not applicable;

[b] '-' : not applicable;

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.4330 y=0.4046/u'=0.2478 v'=0.5210

CCT=3072K(Duv=0.0008) Dominant WL:Ld =582.2nm Purity=51.4%

Ratio:R=22.2% G=75.1% B=2.7%¡¡Peak WL:Lp=600.8nm FWHM=126.9nm

Render Index:Ra=81.6

R1 =80	R2 =91	R3 =96	R4 =79	R5 =80	R6 =89	R7 =82	
R8 =57	R9 =1	R10=79	R11=78	R12=70	R13=82	R14=98	R15=72

Photo Parameters:

Flux = 1124 lm Eff. : 79.47 lm/W Fe = 3.371 W

Electrical parameters:

V = 229.99 V I = 0.1153 A P = 14.15 W PF = 0.5335

WHITE:ANSI_3000K

Status: Integral T = 38 ms Ip = 43703 (67%)

Model:RAINBOW LEDT5/14W	Number:9RT5900/WW
Tester:Petya Marinova	Date:2017-10-17 10:27
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:O17V032B_4031