

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: 9RT5600/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

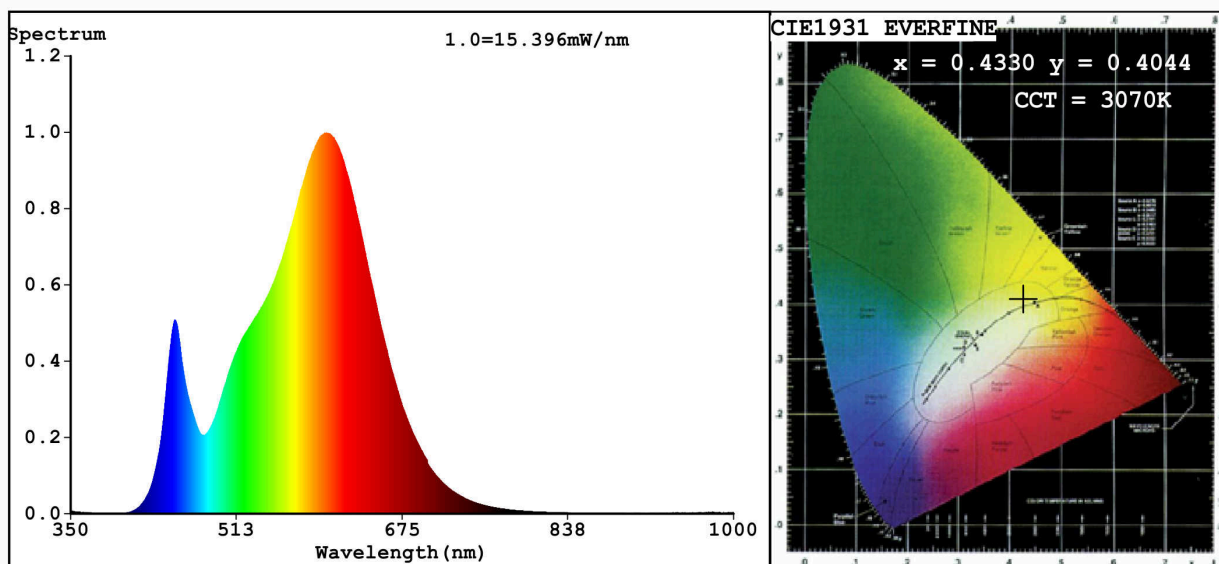
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	720 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	9,7	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	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)	0,433 0,404	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	0	Survival factor	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	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: $x=0.4330$ $y=0.4044$ $u'=0.2479$ $v'=0.5209$

CCT=3070K(Duv=0.0007) Dominant WL:Ld =582.3nm Purity=51.4%

Ratio:R=22.2% G=75.1% B=2.7%; Peak WL:Lp=600.8nm FWHM=126.5nm

Render Index:Ra=81.4

R1 =79	R2 =90	R3 =96	R4 =79	R5 =80	R6 =88	R7 =82
R8 =56	R9 =0	R10=78	R11=78	R12=70	R13=82	R14=98 R15=71

Photo Parameters:

Flux = 758.1 lm Eff. : 77.82 lm/W Fe = 2.272 W

Electrical parameters:

V = 229.94 V I = 0.08153 A P = 9.742 W PF = 0.5196

WHITE:ANSI_3000K

Status: Integral T = 60 ms Ip = 46531 (71%)

Model:RAINBOW LEDT5/9W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:9RT5600/WW
Date:2017-10-16 16:18
Humidity:65.0%
Remarks:017V032B_4031