

# 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:** 955MERY1WLED/CH

## Type of light source:

Lighting technology used:	mixed	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	E27 + Integrated LED		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	No
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

## Product parameters

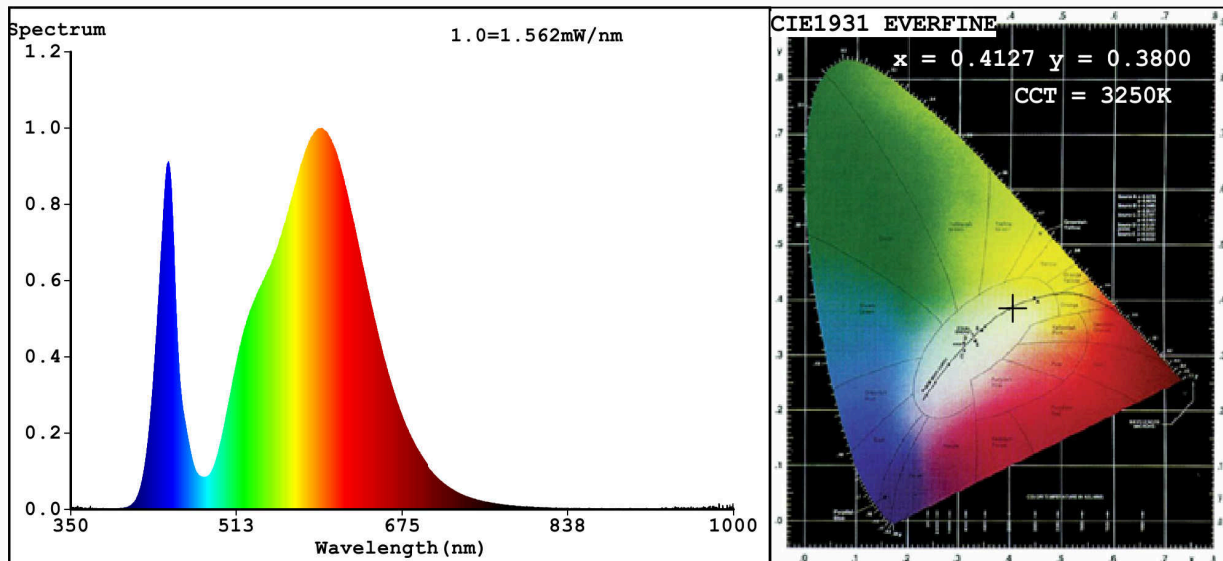
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	1	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	77 in Narrow cone (90°)	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	4 000
On-mode power ( $P_{on}$ ), expressed in W	3,0	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 <sup>(a)</sup>	-		If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,412 0,380
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	592		Beam angle in degrees, or the range of beam angles that can be set	20

(a) '-': not applicable;

(b) '-': not applicable;

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.4127$   $y=0.3800$   $u'=0.2451$   $v'=0.5078$   
CCT=3250K (Duv=-0.0062) Dominant WL:Ld =584.7nm WL:Lc = --nm Purity=37.9%  
Ratio:R=20.6% G=77.6% B=1.8%; Peak WL:Lp=592.8nm FWHM=124.2nm  
Render Index:Ra=74.1 AvgR=67.2 TM30:Rf=72 Rg=99 Lav=580.7nm

R1 =72 R2 =82 R3 =90 R4 =72 R5 =72 R6 =75 R7 =78  
R8 =51 R9 =0 R10=58 R11=69 R12=53 R13=74 R14=94 R15=66

### Photo Parameters:

Flux = 77.99 lm Eff. : 21.24 lm/W Fe = 232.2 mW

### Electrical parameters:

V = 220.06 V I = 0.1791 A P = 3.671 W PF = 0.09314  
WHITE:OUT

Status: Integral T = 597 ms Ip = 43752 (67%)

Model:LIGHTING SOLUTIONS  
Tester:Atanas DAKOV  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:955MERY1WLED CH  
Date:2021-06-11 14:26:34  
Humidity:65.0%  
Remarks:4922