

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: 99LED940WW

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

Product parameters

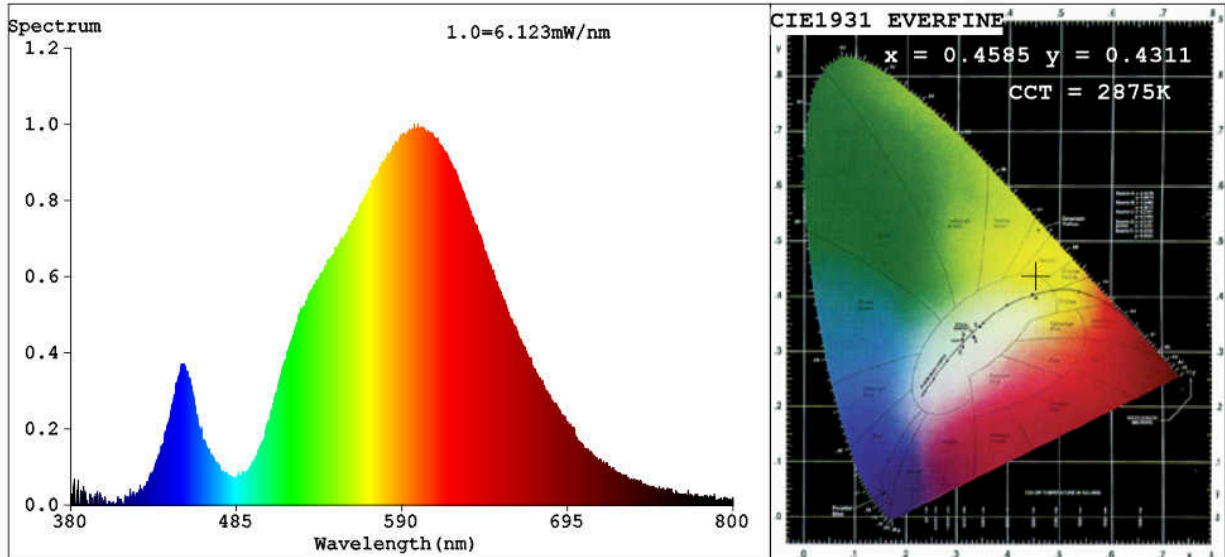
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	300 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	2 800
On-mode power (P_{on}), expressed in W	8,8	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,20
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	0,20	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	74
Outer dimensions without separate control gear, lighting control	Height	1 000	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	8	
	Depth	8	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,458 0,431
Parameters for LED and OLED light sources:			
R9 colour rendering index value	0	Survival factor	0,50
the lumen maintenance factor	0,95		

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4585$ $y=0.4311$ / $u'=0.2528$ $v'=0.5347$
 CCT=2875K (Duv=0.0076) Dominant WL:Ld =581.1nm WL:Lc = --nm Purity=67.1%
 Ratio:R=22.2% G=76.6% B=1.2% Peak WL:Lp=600.2nm FWHM=133.3nm
 Render Index:Ra=74.0 AvgR=65.5 TM30:Rf=80 Rg=93

R1 =71 R2 =81 R3 =90 R4 =73 R5 =68 R6 =72 R7 =85
 R8 =53 R9 =0 R10=54 R11=67 R12=40 R13=72 R14=93 R15=64

Photo Parameters:

Flux = 304.0 lm Eff. : 34.52 lm/W Fe = 882.0 mW

Electrical parameters:

V = 11.999 V I = 0.7340 A P = 8.807 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 2000 ms Ip = 21585 (33%)

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