

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: 99LED865

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):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

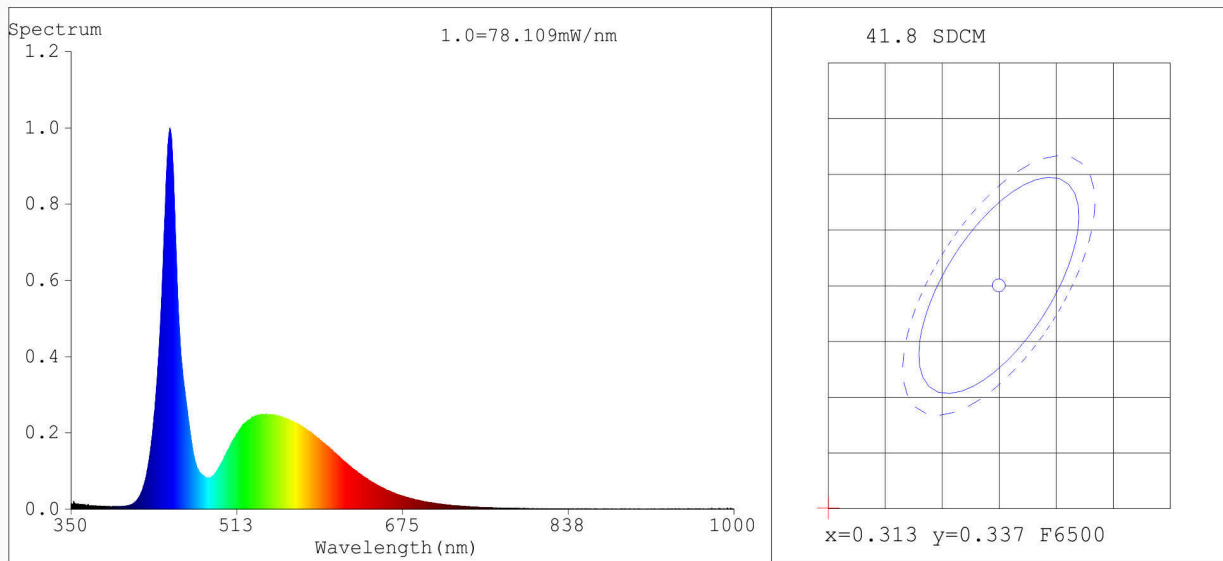
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	11	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 151 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	6 500
On-mode power (P_{on}), expressed in W	11,0	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	75
Outer dimensions without	Height	1 000	Spectral power distribution in the See image in last page
	Width	10	
	Depth	2	

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)	0,265 0,257
Parameters for LED and OLED light sources:			
R9 colour rendering index value	8	Survival factor	0,90
the lumen maintenance factor	0,90		

(a): not applicable;

(b): not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2655$ $y=0.2579$ / $u'=0.1908$ $v'=0.4172$
 CCT=16704K (Duv=-0.0063) Dominant WL:Ld =474.8nm WL:Lc = --nm Purity=30.4%
 Ratio:R=10.5% G=83.4% B=6.1% Peak WL:Lp=446.6nm FWHM=17.9nm
 Render Index:Ra=75.6 AvgR=67.5 TM30:Rf=71 Rg=95

R1 =80 R2 =75 R3 =66 R4 =81 R5 =80 R6 =66 R7 =81
 R8 =76 R9 =8 R10=36 R11=83 R12=43 R13=77 R14=81 R15=80

Photo Parameters:

Flux = 1151 lm Eff. : 97.45 lm/W Fe = 4.337 W

Electrical parameters:

V = 23.999 V I = 0.4923 A P = 11.81 W PF = 1.000

Status: Integral T = 201 ms Ip = 43244 (66%)