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: 99LED875

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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

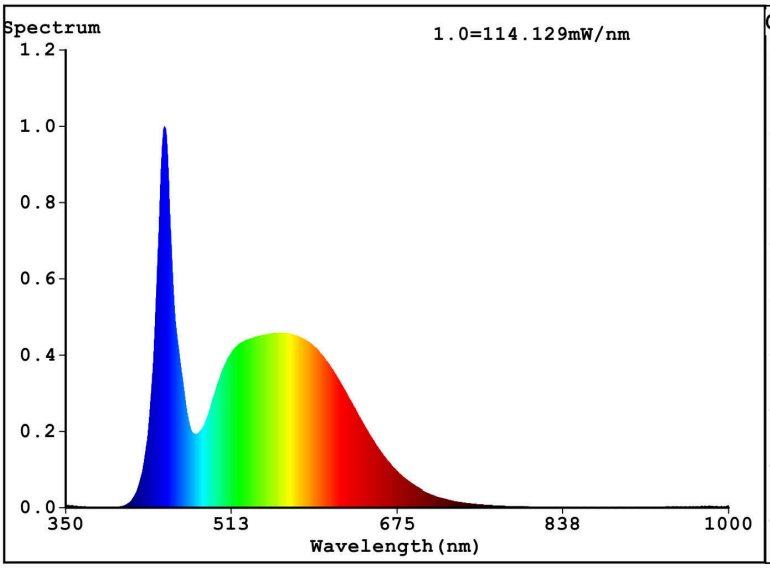
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	14	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	3 000 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	6 000
On-mode power (P_{on}), expressed in W	48,0	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	81
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	See image in last page
Outer dimensions without separate control gear, lighting control — Width	10		
Outer dimensions without separate control gear, lighting control — Depth	3		

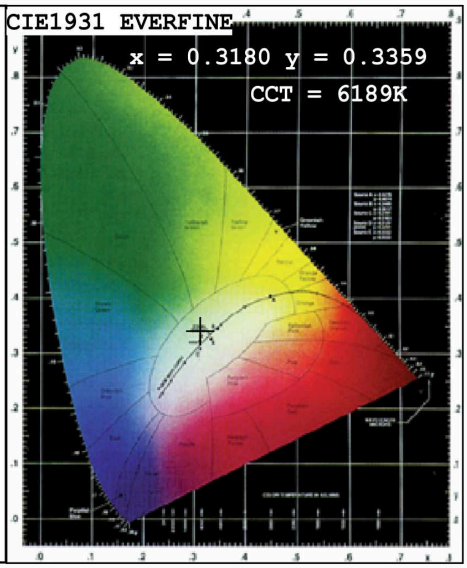
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,318 0,335
Parameters for directional light sources:				
Peak luminous intensity (cd)		446	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:				
R9 colour rendering index value		4	Survival factor	0,00
the lumen maintenance factor		0,00		

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3180 y=0.3359/u'=0.1989 v'=0.4727

CCT=6189K(Duv=0.0041) Dominant WL:Ld =493.9nm Purity=5.0%

Ratio:R=13.6% G=81.4% B=5.0%¡¡Peak WL:Lp=446.9nm FWHM=19.2nm

Render Index:Ra=81.7

R1 =80	R2 =85	R3 =88	R4 =83	R5 =82	R6 =80	R7 =87	
R8 =70	R9 =4	R10=64	R11=83	R12=61	R13=81	R14=94	R15=75

Photo Parameters:

Flux = 3404 lm Eff. : 69.93 lm/W Fe = 10.92 W

Electrical parameters:

V = 24.159 V I = 2.015 A P = 48.68 W PF = 1.000

WHITE:ANSI_6500K

Status: Integral T = 7 ms Ip = 43850 (67%)

Model:LED 300 24V/14.4W/m	Number:99LED875
Tester:Petya Marinova	Date:2019-01-24 14:22
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:O18V034A_5103