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: 99LED950

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:	Yes

Product parameters

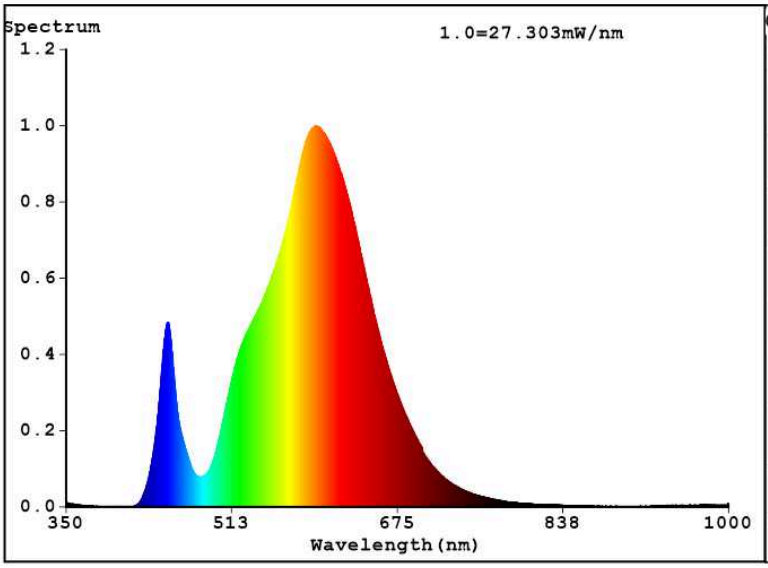
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 280 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	2 700
On-mode power (P_{on}), expressed in W	45,0	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 separate control gear, lighting control — Height	10 000	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	16		

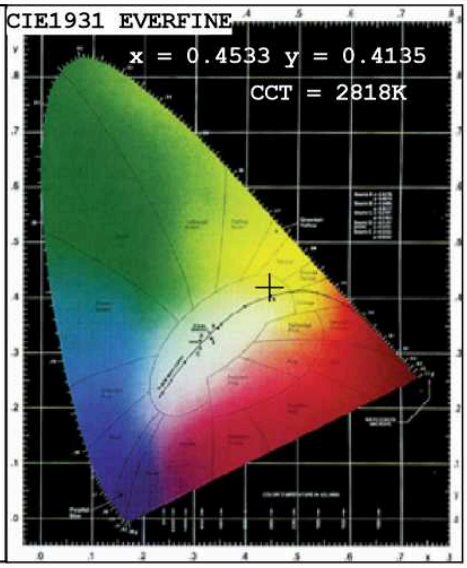
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,453 0,413
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,50
the lumen maintenance factor		0,93		

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

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

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.4533 y=0.4135/u'=0.2570 v'=0.5275

CCT=2818K(Duv=0.0017) Dominant WL:Ld =583.1nm WL:Lc = --nm Purity=60.2%

Ratio:R=22.8% G=75.8% B=1.5%¡¡Peak WL:Lp=596.2nm FWHM=117.5nm

Render Index:Ra=74.7

R1 =71	R2 =84	R3 =95	R4 =72	R5 =70	R6 =78	R7 =80	
R8 =48	R9 =0	R10=63	R11=68	R12=52	R13=74	R14=97	R15=64

Photo Parameters:

Flux = 1281 lm Eff. : 27.99 lm/W Fe = 3.762 W

Electrical parameters:

V = 22.796 V I = 2.007 A P = 45.76 W PF = 1.000

WHITE:ANSI_2700K

Status: Integral T = 49 ms Ip = 50508 (77%)

Model:LED NEON FLEX	Number: 99LED950
Tester:Atanas DAKOV	Date:2020-01-08 08:35:27
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6292