

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: 969LED100S/WH

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

Product parameters

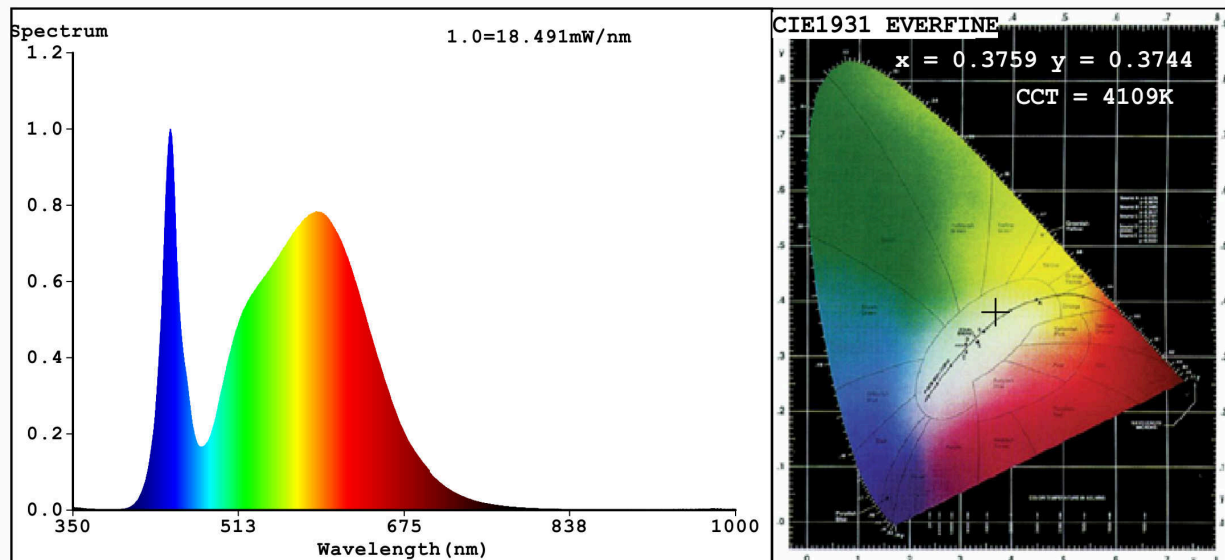
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	900 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	11,4	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	79
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 ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,375 0,374	
Parameters for directional light sources:				
Peak luminous intensity (cd)	445	Beam angle in degrees, or the range of beam angles that can be set	60	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	1	Survival factor	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,25	Colour consistency in McAdam ellipses	6	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-	
Flicker metric (Pst LM)	0,0	Stroboscopic effect metric (SVM)	0,0	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3759$ $y=0.3744$ $u'=0.2231$ $v'=0.4999$
 CCT=4109K (Duv=0.0002) Dominant WL:Ld =578.5nm WL:Lc = --nm Purity=25.2%
 Ratio:R=17.6% G=79.3% B=3.1%; Peak WL:Lp=445.5nm FWHM=18.8nm
 Render Index:Ra=79.9 AvgR=72.7 TM30:Rf=81 Rg=97 Lav=567.3nm

R1 =78	R2 =85	R3 =90	R4 =81	R5 =79	R6 =79	R7 =85
R8 =64	R9 =1	R10=64	R11=80	R12=60	R13=79	R14=94 R15=72

Photo Parameters:

Flux = 848.6 lm Eff. : 74.10 lm/W Fe = 2.576 W

Electrical parameters:

V = 225.23 V I = 0.1973 A P = 11.45 W PF = 0.2578
 WHITE:ANSI_4000K

Status: Integral T = 67 ms Ip = 50957 (78%)

Model:LED WALL LAMP
 Tester:Atanas DAKOV
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:969LED100S
 Date:2021-08-25 11:24:39
 Humidity:65.0%
 Remarks:7687