

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: -

Model identifier: 99LED980WW

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

Product parameters

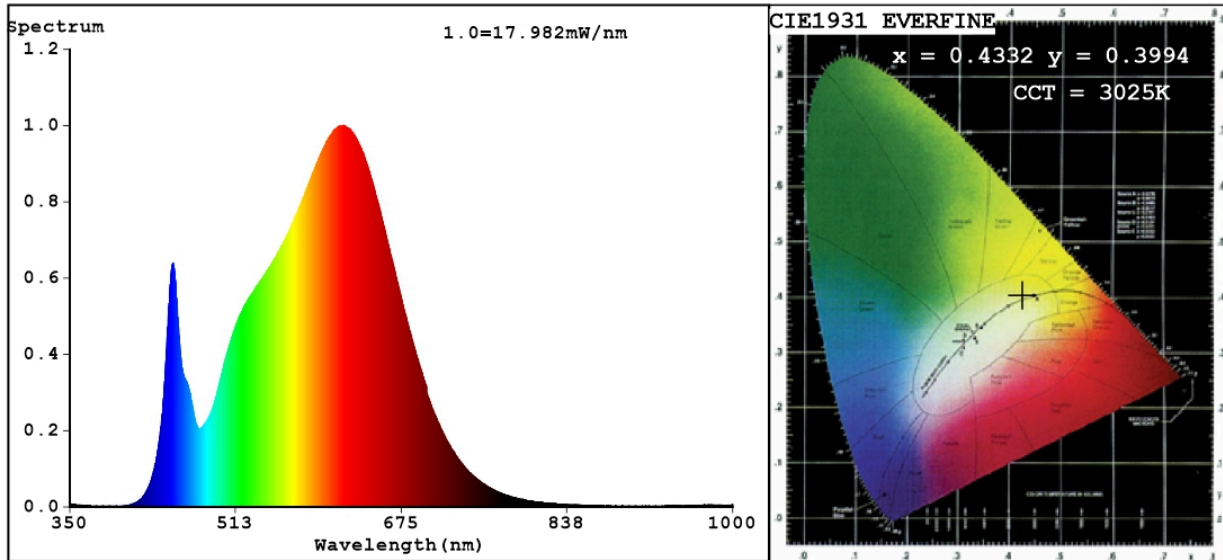
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 000 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	3 000
On-mode power (P_{on}), expressed in W	10,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,50
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	0,50	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	91
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)	0,433 0,399
Parameters for directional light sources:			
Peak luminous intensity (cd)	619	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	54	Survival factor	0,53
the lumen maintenance factor	0,93		

(a): not applicable;

(b): not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4332$ $y=0.3994$ / $u'=0.2502$ $v'=0.5190$
 CCT=3025K (Duv=-0.0014) Dominant WL:Ld =583.2nm WL:Lc = --nm Purity=49.9%
 Ratio:R=24.0% G=73.3% B=2.7% ; Peak WL:Lp=619.4nm FWHM=163.0nm
 Render Index:Ra=91.4 AvgR=88.2 TM30:Rf=90 Rg=100 Lav=598.9nm

R1 =92 R2 =95 R3 =97 R4 =92 R5 =91 R6 =94 R7 =91
 R8 =80 R9 =54 R10=88 R11=92 R12=79 R13=93 R14=98 R15=88

Photo Parameters:

Flux = 910.8 lm Eff. : 84.38 lm/W Fe = 3.131 W

Electrical parameters:

V = 24.160 V I = 0.4468 A P = 10.79 W PF = 1.000

WHITE:ANSI_3000K

Status: Integral T = 62 ms Ip = 53293 (81%)

Model:LED LAMPSAND COMPONENTS
 Tester:Atanas DAKOV
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED980WW
 Date:2021-11-30 08:55:54
 Humidity:65.0%
 Remarks:7806