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: 99TR1506440/GR

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:	No	Dimmable:	No

Product parameters

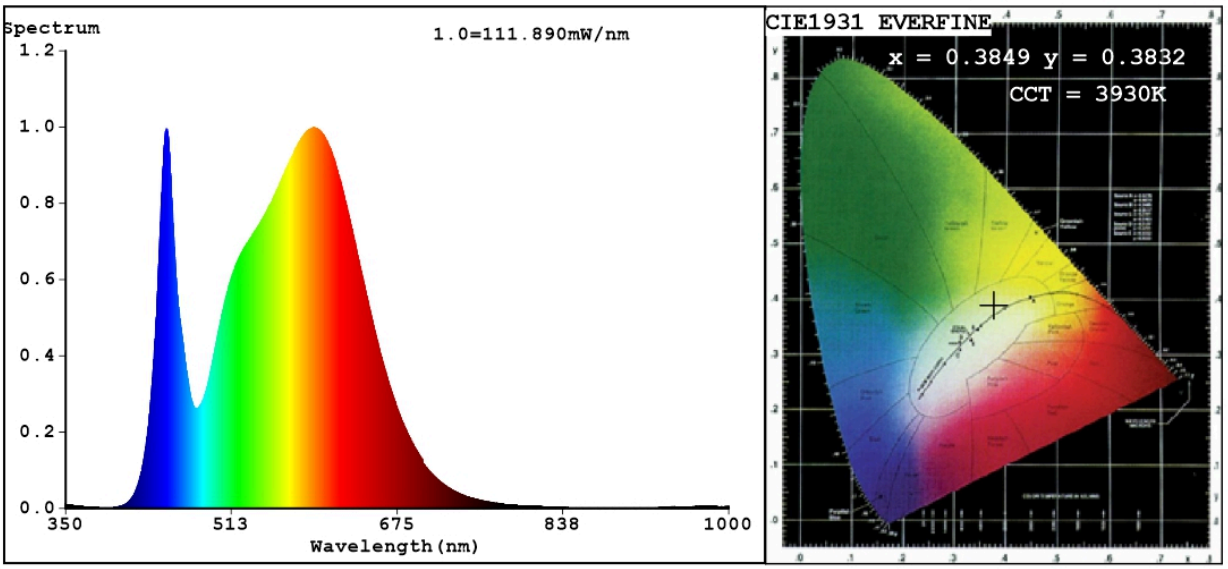
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	64	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	6 500 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	66,0	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	1 500	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	90		
Outer dimensions without separate control gear, lighting control — Depth	57		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,384 0,383
Parameters for directional light sources:				
Peak luminous intensity (cd)		593	Beam angle in degrees, or the range of beam angles that can be set	90
Parameters for LED and OLED light sources:				
R9 colour rendering index value		3	Survival factor	0,50
the lumen maintenance factor		0,95		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,80	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)		0,6	Stroboscopic effect metric (SVM)	0,2

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

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

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3849 y=0.3832/u'=0.2255 v'=0.5051

CCT=3930K(Duv=0.0017) Dominant WL:Ld =578.5nm WL:Lc = --nm Purity=30.5%

Ratio:R=18.2% G=78.4% B=3.3%¡¡Peak WL:Lp=593.8nm FWHM=147.5nm

Render Index:Ra=81.7 AvgR=74.7 TM30:Rf=84 Rg=95 Lav=570.5nm

R1 =79	R2 =87	R3 =94	R4 =81	R5 =80	R6 =83	R7 =86	
R8 =63	R9 =3	R10=71	R11=80	R12=62	R13=81	R14=97	R15=73

Photo Parameters:

Flux = 6388 lm Eff. : 95.72 lm/W Fe = 19.22 W

Electrical parameters:

V = 225.13 V I = 0.3604 A P = 66.74 W PF = 0.8224

WHITE:ANSI_4000K

Status: Integral T = 9 ms Ip = 49469 (75%)

Model:LED INDOOR LIGHTING	Number:99TR1506440 GR
Tester:Atanas DAKOV	Date:2022-01-26 11:17:05
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks: