

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: 95TRACYLEDS32

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

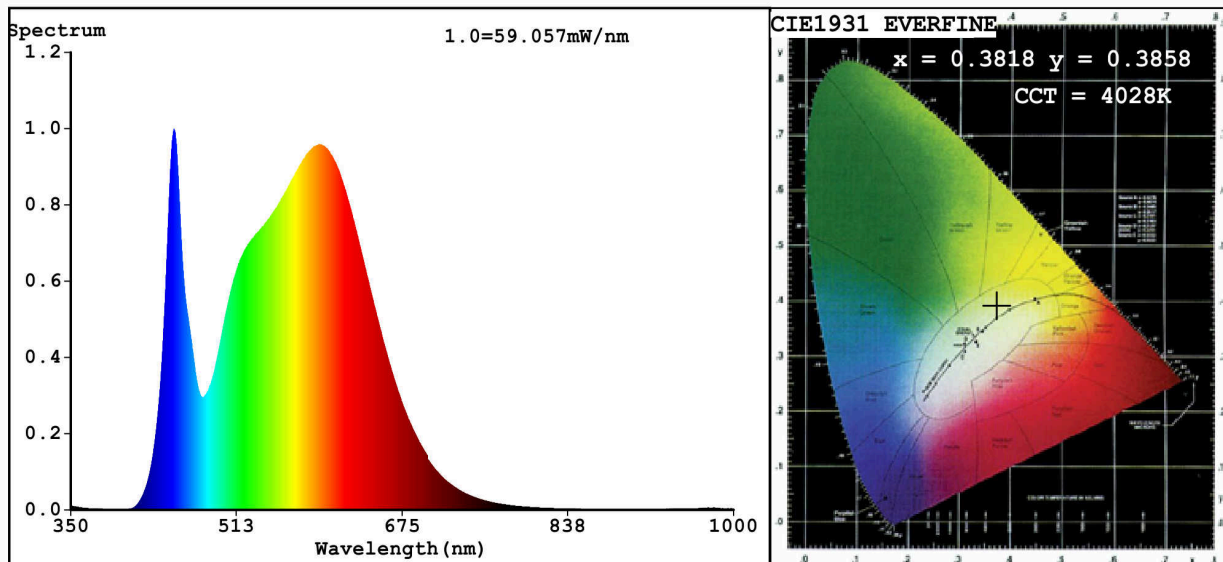
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	32	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 900 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	4 000
On-mode power (P_{on}), expressed in W	34,6	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	83
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)	0,381 0,385	
Parameters for directional light sources:				
Peak luminous intensity (cd)	451	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	83	Survival factor	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,60	Colour consistency in McAdam ellipses	5	
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: $x=0.3818$ $y=0.3858$ $u'=0.2224$ $v'=0.5057$
 $CCT=4028K$ ($Duv=0.0038$) Dominant WL: $Ld = 577.1nm$ WL: $Lc = --nm$ Purity=30.4%
 Ratio: $R=18.1\%$ $G=78.3\%$ $B=3.6\%$; Peak WL: $Lp=451.3nm$ FWHM=23.6nm
 Render Index: $Ra=83.6$ $AvgR=76.8$ $TM30:Rf=85$ $Rg=94$ $Lav=570.3nm$

R1 =81	R2 =89	R3 =96	R4 =83	R5 =81	R6 =85	R7 =87
R8 =66	R9 =10	R10=74	R11=82	R12=61	R13=83	R14=98
						R15=75

Photo Parameters:

Flux = 3329 lm Eff. : 95.97 lm/W Fe = 10.12 W

Electrical parameters:

V = 225.23 V I = 0.2452 A P = 34.69 W PF = 0.6281

WHITE:ANSI_4000K

Status: Integral T = 18 ms Ip = 50078 (76%)

Model:LED SUPER SLIM
 Tester:Atanas DAKOV
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:95TRACYLED32
 Date:2021-07-28 13:33:32
 Humidity:65.0%
 Remarks:7696