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: 98STREET300SMD

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

Product parameters

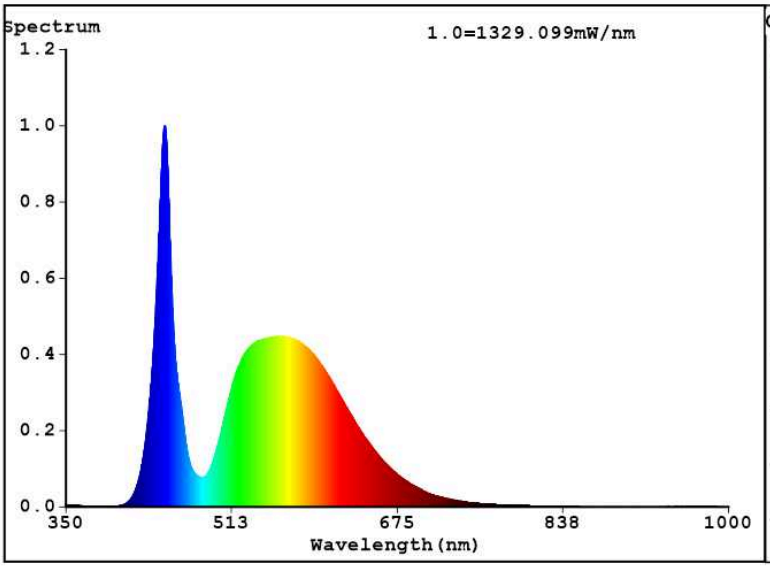
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	300	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	36 000 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	5 500
On-mode power (P_{on}), expressed in W	302,0	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	72
Outer dimensions without — Height	796	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	347		
Outer dimensions without — Depth	142		

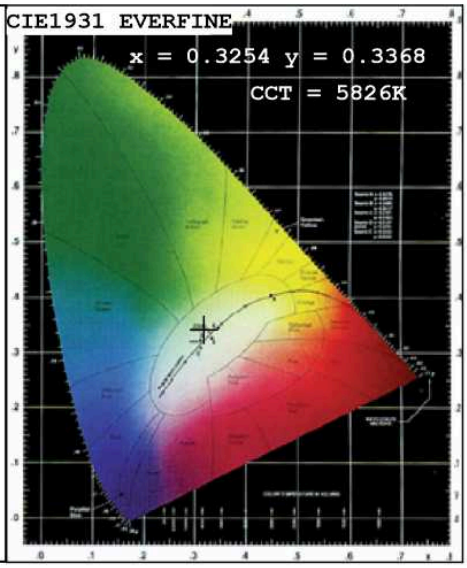
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,325 0,336
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,90	Colour consistency in McAdam ellipses	0
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=0.3254 y=0.3368/u'=0.2037 v'=0.4743

CCT=5826K(Duv=0.0010) Dominant WL:Ld =497.3nm WL:Lc = --nm Purity=2.5%

Ratio:R=13.2% G=83.4% B=3.3%¡¡Peak WL:Lp=447.2nm FWHM=17.4nm

Render Index:Ra=72.7

R1 =72	R2 =75	R3 =77	R4 =75	R5 =73	R6 =67	R7 =80	
R8 =62	R9 =0	R10=41	R11=74	R12=44	R13=72	R14=87	R15=68

Photo Parameters:

Flux = 36134 lm Eff. : 119.33 lm/W Fe = 111.9 W

Electrical parameters:

V = 219.59 V I = 1.409 A P = 302.8 W PF = 0.9786

WHITE:ANSI_5700K

Status: Integral T = 1 ms Ip = 55089 (84%)

Model:LED INDUSTRIAL LIGHTING	Number:98STREET300SMD
Tester:Atanas DAKOV	Date:2020-06-05 11:47:15
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6708