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:	955CAMEO15

Type of light source:

Parameter	Value	Parameter	Value
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:	No

Product parameters			
Parameter	Value	Parameter	Value

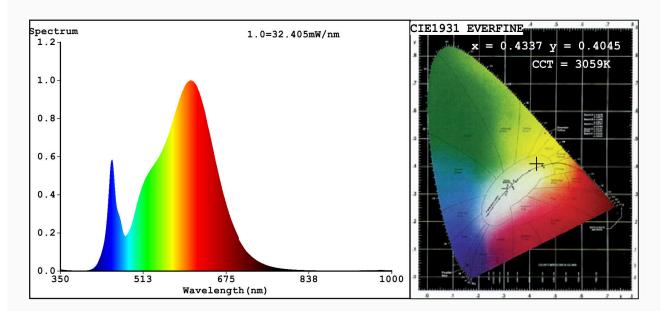| General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	15	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 600 in Sphere (360°)	Correlated 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	16,9	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	84
Outer dimensions without	Height	125	Spectral power distribution in the	See image in last page
	Width	250		
	Depth	250		

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 0,404
Parameters for LED and OLED light sources:				
R9 colour rendering index value	18		Survival factor	0,50
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos φ1)	0,50		Colour consistency in McAdam ellipses	2
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=0.4337   y=0.4045/u'=0.2483 v'=0.5211

CCT=3059K(Duv=0.0006) Dominant WL:Ld =582.3nm Purity=51.6%

Ratio:R=22.8% G=74.6% B=2.6%¡¡Peak WL:Lp=604.1nm   FWHM=140.5nm

Render Index:Ra=84.9

R1 =84	R2 =92	R3 =97	R4 =84	R5 =84	R6 =90	R7 =85
R8 =64	R9 =18	R10=81	R11=84	R12=72	R13=85	R14=99	R15=77

Photo Parameters:

Flux = 1629 lm   Eff. : 96.03 lm/W Fe = 5.042 W

Electrical parameters:

V = 229.75 V   I = 0.1394 A   P = 16.96 W PF = 0.5296

WHITE:ANSI_3000K

Status: Integral T = 21 ms Ip = 34316 (52%)

Model:LED spotlight/3x5W   Number:955CAMEO15
Tester:Petya Marinova   Date:2017-11-02 08:54
Temperature:25.3Deg   Humidity:65.0%
Manufacturer:ELMARK   Remarks:INNO170919-039_4104