

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: 99LED754

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
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

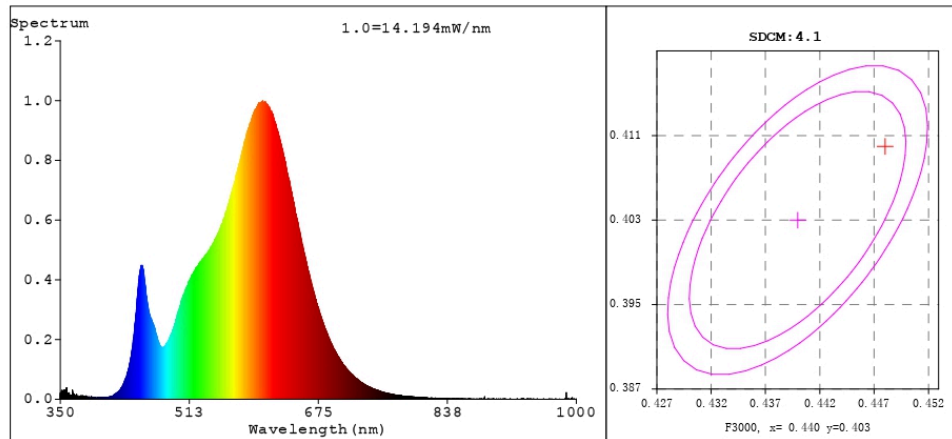
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	670 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	2 867
On-mode power (P_{on}), expressed in W	6,0	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	82
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	50	
		Chromaticity coordinates (x and y)	0,448 0,409	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	6	Survival factor	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,50	Colour consistency in McAdam ellipses	0	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	Yes ^(b)	If yes then replacement claim (W)	50	
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: $x=0.4481$ $y=0.4098$ $u'=0.2553$ $v'=0.5253$
CCT=2867K (Duv=0.0008) Dominant WL:Ld =583.1nm WL:Lc = --nm Purity=57.5%
Ratio:R=23.9% G=73.7% B=2.4% Peak WL:Lp=604.9nm FWHM=118.5nm
Render Index:Ra=82.8 AvgR=77.3 TM30:Rf=85 Rg=95

R1 =81 R2 =92 R3 =96 R4 =81 R5 =82 R6 =91 R7 =82
R8 =58 R9 =6 R10=82 R11=81 R12=74 R13=84 R14=98 R15=73

Photo Parameters:

Flux = 665.6 lm Eff. : 103.80 lm/W Fe = 2.022 W
Scotopic:861.52 S/P:1.2943

Electrical parameters:

V = 230.01 V I = 0.05019 A P = 6.413 W PF = 0.5555
LEVEL:OUT WHITE:ANSI_2700K
Status: Integral T = 1865 ms Ip = 43716 (67%)

GBT5702

Model:C37 LB203-6W-E1-G6H
Tester:
Temperature:25.3Deg
Manufacturer:

Number:LB203-6W-E1-G6H
Date:2023-09-28 16:37:20
Humidity:65.0%
Remarks: