

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: SPOTLIGHT

Supplier's address: Dimitris Papadopoulos, Rodopoleos 30, 16777 Athens Elliniko, EL

Model identifier: 5176

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Other electric interface		
Mains or non-mains:	NMLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	Yes	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	10	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°)	225 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	3 000
On-mode power (P_{on}), expressed in W	10,0	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	0,00	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80
Outer dimensions without separate control gear, lighting control	Height	25	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	10	
	Depth	3 000	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,470 0,480
Parameters for LED and OLED light sources:			
R9 colour rendering index value	18	Survival factor	0,85
the lumen maintenance factor	0,90		

(a) : not applicable;

(b) : not applicable;

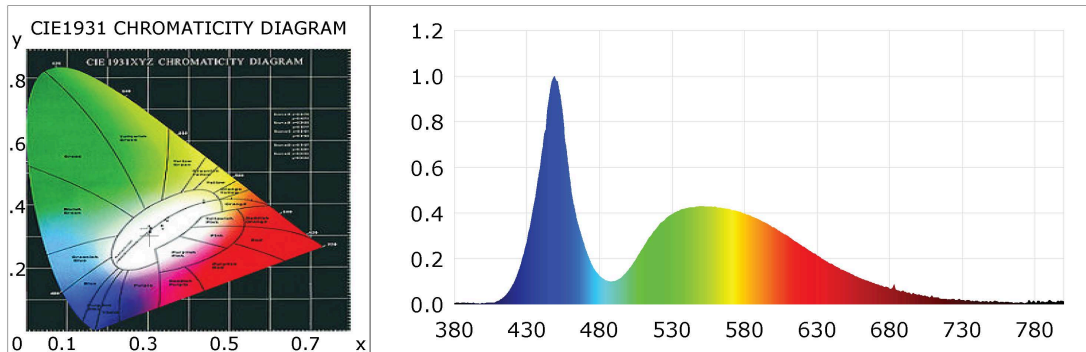
Lightsource Test Report

Product Information

Product Spec: 1meter

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3037$ $y=0.3046$ $u(u')=0.2009$ $v=0.3022$ $v'=0.4533$
 CCT: $T_c=7364K$ ($duv=-0.00497$) Color Ratio: $R=0.126$ $G=0.830$ $B=0.044$
 Peak Wavelength: 448.8nm Half Bandwidth: 24.0nm
 Dominant Wavelength: 477.5nm Color Purity: 0.127
 CRI: Ra: Ra= 76.4
 R1 =80 R2 =75 R3 =65 R4 =85 R5 =79 R6 =64 R7 =83 R8 =79
 R9 =18 R10=36 R11=84 R12=39 R13=77 R14=80 R15=82
 Color Quality Scale: $Q_a= 71.3$, $Q_f= 69.0$, $Q_p= 77.5$, $Q_g= 92.8$
 Q1 =88 Q2 =93 Q3 =63 Q4 =50 Q5 =65 Q6 =74 Q7 =84 Q8 =91
 Q9 =84 Q10=70 Q11=62 Q12=65 Q13=71 Q14=70 Q15=79



Photometric Parameters

Luminous Flux: 912.60 lm Efficiency: 73.60 lm/W Radiant Power: 3.040 W
 EEI: 0.17 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 11.999V Current: 1.0334A Power: 12.40W
 Power Factor: 1.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 60 Sec Photometric Condition: Sphere diameter: 1.50m, 4T
 Max of Signal: 42635 (3314) CCD Integration Time: 1000.11 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2021-10-18 16:25:09
 Inspector: