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: 5175

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	4	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)	40 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	3,5	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	See image in last page
Outer dimensions without separate control gear, lighting control — Width	10		
Outer dimensions without separate control gear, lighting control — Depth	10		

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 Infomation

Product Spec: 1meter

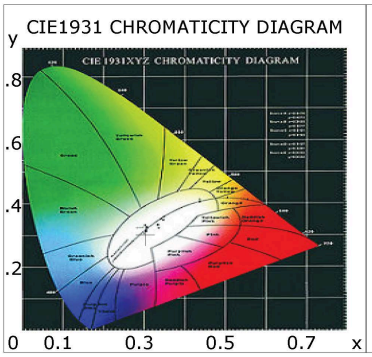
CIE Colorimetric Parameters

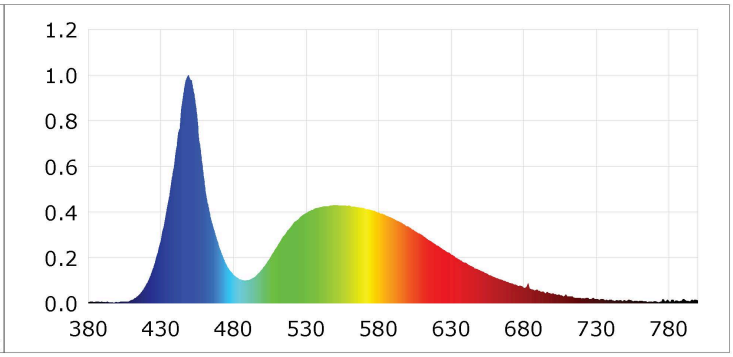
Chromaticity coordinates: x=0.3037 y=0.3046 u(u')=0.2009 v=0.3022 v'=0.4533
CCT: Tc=7364K (duv=-0.00497) Color Ratio: R=0.126 G=0.830 B=0.044
Peak Wavelength: 448.8nm Half Bandwidth: 24.0nm
Dominant Wavelength: 477.5nm Color Purity: 0.127
CRI: Ra: Ra= 76.4

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: Qa= 71.3, Qf= 69.0, Qp= 77.5, Qg= 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 Infomation
Scan Range: 380~800:1nm
Stabilization Time: 60 Sec
Max of Signal: 42635 (3314)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
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: