

# 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:** 5196

## 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
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	14	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	930 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 or 4 000 or 6 000
On-mode power ( $P_{on}$ ), expressed in W	14,4	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	5 000	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,470 0,480
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	18	Survival factor	0,80
the lumen maintenance factor	0,90		

(a) : not applicable;

(b) : not applicable;

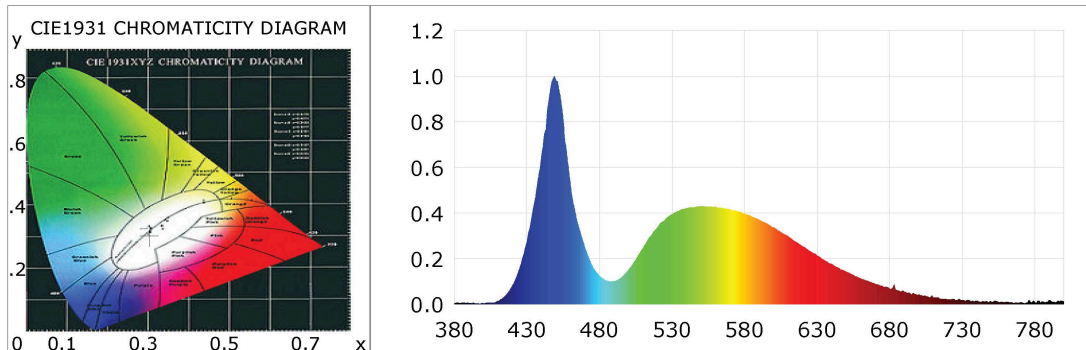
## Lightsource Test Report

### 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: