

# 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:** 5653

## 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):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

## 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	20	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°)	1 800 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	20,0	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	80
Outer dimensions without separate control gear, lighting control	Height	16	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	230	
	Depth	230	
			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)	0,381 0,380
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	6	Survival factor	0,85
the lumen maintenance factor	0,85		

(a) : not applicable;

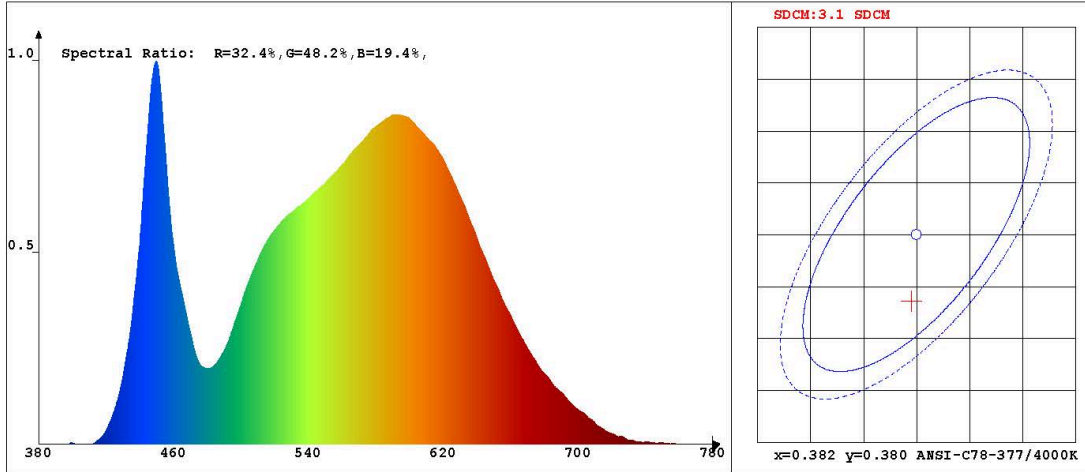
(b) : not applicable;

# LED Test Report

**Product Mark**

Product Type :RR-24W-4000K  
 Temperature : 'C  
 Operator :  
 Remark:

Manufacturer :  
 Humidity : 65%  
 Test Date :2021-10-16 13:32:09



**Chroma Parameters**

Chro.Coord.:x=0.3813 y=0.3733 u=0.2271 v=0.3335 duv=-0.0019  
 CCT: 3949K Dominant Wave.:580.3nm Purity:26.5%  
 Flux RGB Ratio:R=18.4%,G=79.4%,B=2.2% Peak Wave:449.5nm Half Width:21.3nm

**Rendering Index: Ra= 81.5**

R1 =80	R2 =87	R3 =92	R4 =82	R5 =81	R6 =83	R7 =84	R8 =63
R9 =6	R10=69	R11=81	R12=61	R13=81	R14=96	R15=74	

**Photo Parameters**

Flux:1683.51lm      Effi.:84.6lm/W      Radiant:5809.1mW      Iv:0.0mcd  
 Efficiency:0.161      Effi Level:A+ (EU 874-2012)

**Ele. Parameters**

Voltage:U=220.000V      Current:I=0.1720A  
 Power:P=19.89W      Power Factor:PF=0.523

**Instrument state**

Instrument:HP8000S      Integral Time: 413.347ms      VPeak: 13463  
 VDark: 1193      Scan Range: 380-780nm      Product ID: 9154