Product Information Sheet

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

Supplier's name or trade mark: LYOPRO

Supplier's address: Información, Sequia Rascaña 14, nave 6, 46210 Valencia Picaña Valencia, ES

Model identifier: 60813

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or 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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	3	Energy efficiency class	E
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)	414 in Narrow cone (90°)	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	3,0	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	83	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	63		
Outer dimensions without separate control gear, lighting control — Depth	83		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,354 0,357
Parameters for LED and OLED light sources:				
R9 colour rendering index value		9	Survival factor	0,95
the lumen maintenance factor		0,98		

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

灵彩科技 LINKCOLOR TECHNOLOGY

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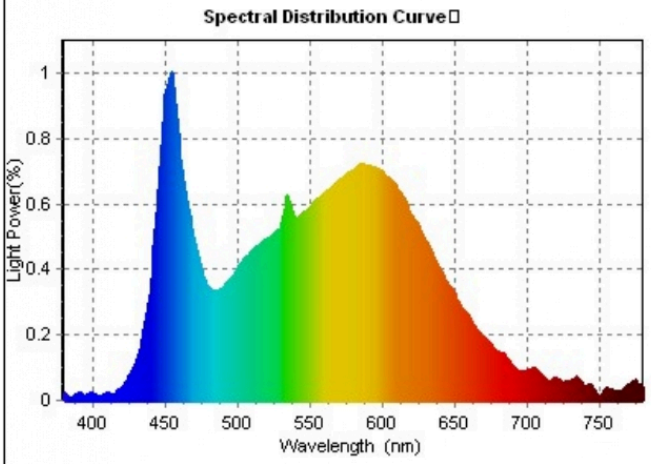
Test Report of Spectrum and Electric for Lamp

报告编号 Report No.: 报告日期 Report Date: 2020-05-15

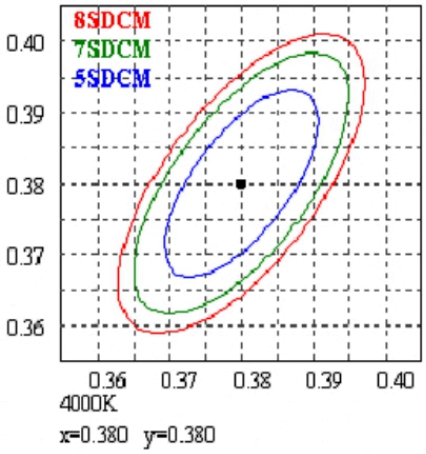
基本信息 Basic Infomation

样品编号 Sample No.		检测日期 Testing Date	2020-05-15
样品名称 Sample		检测设备 Equipments	SPEC1000A SPECTROMETER
测试人员 Tester		环境温度 Ambient Temperature	25.0℃
生产厂家 Manufacture		环境湿度 Ambient Humidity	65%

检测结果 Testing Result



光谱分布 Spectral Distribution



色容差图 Color Difference Chart

色品坐标 Chromaticity Coordinates	x=0.3548 y=0.3573 u=0.2157 v=0.3259				
相关色温 Correlated Color Temperature	4671 K	峰值波长 Peak Wavelength	453.8 nm	谱线带宽 Wavelength Width	26.4 nm
色容差 Color Difference	11.8 SDCM	色偏差 Color Shift	-0.0009 duv	瞳孔流明 Eye Luminous Flux	914.312 Plm
红色比 Red Ratio	18.16%	绿色比 Green Ratio	77.32%	蓝色比 Blue Ratio	4.52%
光通量 Luminous Flux	414.466 lm	辐射通量 Radiant Flux	1.3129 W	暗视觉/明视觉 S/P	2.206
显色指数 Rendering Index	Ra=84.0 R1=83.0 R2=92.7 R3=95.2 R4=80.4 R5=82.5 R6=87.6 R7=85.0 R8=65.2 R9=9.7 R10=81.1 R11=79.3 R12=61.1 R13=86.7 R14=97.8 R15=77.5				

电参数 Electric Parameters

电压 Supply Voltage	222.2 V	电流 Current	0.034 A	反向电压 VF	V
功率 Power	4.10 W	功率因数 Power Factor	0.535	反向漏电流 IR	uA

能效参数 Efficiency Parameters

发光效率 Luminous Efficiency	101.09 lm/W

测试仪器: 杭州灵彩 SPEC1000A 光谱测试仪

Model placed on the Union market from 15/05/2020

EPREL registration number: 1490901

https://eprel.ec.europa.eu/qr/1490901

Supplier: Leds y Ordenación, SL. (Importer)

Website: www.lyopro.es

Customer care service:

Name: Información

Website: www.lyopro.es

Email: info@lyopro.es

Phone: +34 963 21 50 93

Address:
Sequia Rascaña 14, nave 6
46210 Picaña
Spain