Product Information Sheet

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

Supplier's name or trade mark: SPL

Supplier's address: Schiefer Lighting, Potterbakkerstraat 35, 4871EP Etten-Leur, NL

Model identifier: L642750830

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
Mains or non-mains:	MLS	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	8	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)	460 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	3 000
On-mode power (P_{on}), expressed in W	7,5	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	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	82
Outer dimensions without separate control gear, lighting control — Height	54	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	50		
Depth	50		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,440 0,403
Parameters for directional light sources:				
Peak luminous intensity (cd)		750	Beam angle in degrees, or the range of beam angles that can be set	36
Parameters for LED and OLED light sources:				
R9 colour rendering index value		6	Survival factor	0,50
the lumen maintenance factor		0,70		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	5
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		-[(b)]	If yes then replacement claim (W)	-
Flicker metric (Pst LM)		0,7	Stroboscopic effect metric (SVM)	0,9

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

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

EVERFINE

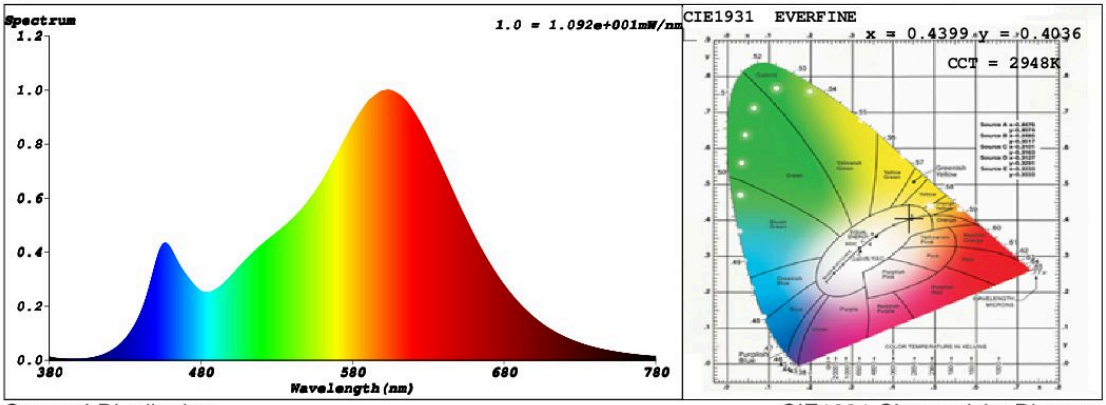
SPL Spectrum Test Report

Sample	:	Date	: 2021-07-01 09:40:11
Specification	: L642750830	Sam. Status	:
Sample No.	: L642750830-135	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Renee
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 49337 (75%)
Test Mode	: Fast Test	T	: 40 ms
		Sensitivity	: High

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4399 y = 0.4036 / u' = 0.2527 v' = 0.5216 (duv=-5.70e-04)

CCT= 2948K Prcp WL: Ld=583.3nm Purity=53.2%

Peak WL: Lp=603nm FWHM: =121.0nm Ratio:R=23.3% G=73.9% B=2.9%

Render Index: Ra = 82.2

R1 =81	R2 =93	R3 =94	R4 =79	R5 =82	R6 =92	R7 =81	
R8 =57	R9 =6	R10=84	R11=77	R12=76	R13=84	R14=97	R15=73

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 524.53 lm Eff. : 78.04 lm/W Fe = 1.6112 W

Electrical parameters

V = 229.8 V I = 0.05811 A P = 6.722 W PF = 0.5033

Schiefer Professional Lighting

www.spl-lighting.com