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: L642788808

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:	Only with specific dimmers

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	G
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)	210 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	2 700
On-mode power (P_{on}), expressed in W	5,0	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	95
Outer dimensions without separate control gear, light-	Height: 58	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width: 50		
	Depth: 50		

ing control parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,464 0,414
Parameters for directional light sources:				
Peak luminous intensity (cd)		420	Beam angle in degrees, or the range of beam angles that can be set	30...80
Parameters for LED and OLED light sources:				
R9 colour rendering index value		83	Survival factor	0,90
the lumen maintenance factor		0,90		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,60	Colour consistency in McAdam ellipses	6
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)		0,5	Stroboscopic effect metric (SVM)	0,4

[a] '-' : not applicable;

[b] '-' : not applicable;

EVERFINE

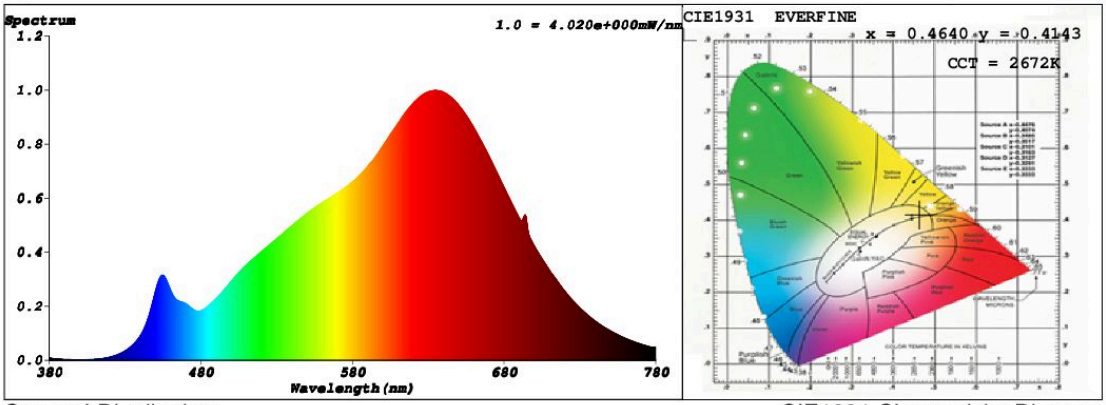
SPL Spectrum Test Report

Sample	:	Date	: 2021-06-30 16:11:39
Specification	: L642788808	Sam. Status	:
Sample No.	: L642788808-291	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Renee
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 47933 (73%)
Test Mode	: Fast Test	T	: 109 ms
		Sensitivity	: High

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4640 y = 0.4143 / u' = 0.2635 v' = 0.5294 (duv=1.03e-03)

CCT= 2672K Prcp WL: Ld=584.0nm Purity=63.6%

Peak WL: Lp=635nm FWHM: =155.2nm Ratio:R=27.1% G=70.4% B=2.5%

Render Index: Ra = 97.0

R1 =98	R2 =99	R3 =97	R4 =98	R5 =97	R6 =98	R7 =97	
R8 =92	R9 =83	R10=95	R11=99	R12=86	R13=98	R14=97	R15=95

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 173.43 lm Eff. : 40.05 lm/W Fe = 660.76 mW

Electrical parameters

V = 229.8 V I = 0.03154 A P = 4.330 W PF = 0.5973

Schiefer Professional Lighting

www.spl-lighting.com