

Product Information Sheet

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

Supplier's name or trade mark: ChiliTec GmbH

Supplier's address: Technik, Bäckerberg 12, 38165 Lehre, DE

Model identifier: 21301

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Plug		
Mains or non-mains:	NMLS	Connected light source (CLS):	Nein
Colour-tuneable light source:	Nein	Envelope:	-
High luminance light source:	Nein		
Anti-glare shield:	Nein	Dimmable:	Only with specific dimmers

Product parameters

Parameter	Value	Parameter	Value
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General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	660 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	9,0	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	85
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		
			25

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	9	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,440 0,400
Parameters for LED and OLED light sources:				
R9 colour rendering index value		17	Survival factor	0,50
the lumen maintenance factor		0,70		

(a) : not applicable;

(b) : not applicable;

Lightsource Test Report

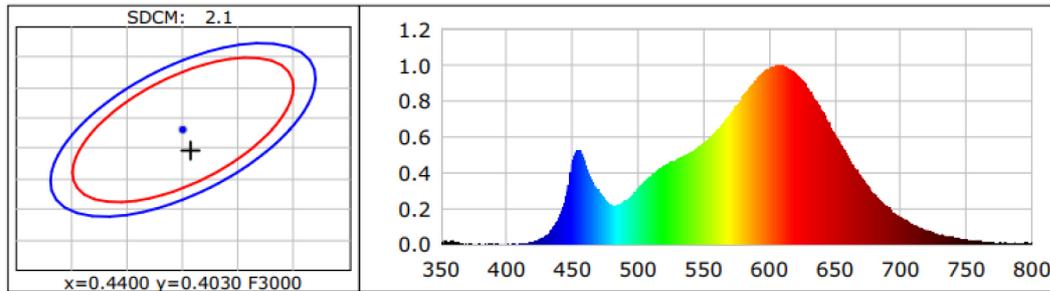
Product Information

Product Type: L800S25
Product Number: 1

Product Spec: 3000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4407$ $y=0.3996$ $u(u')=0.2549$ $v=0.3468$ $v'=0.5202$
CCT: Tc=2901K (duv=-0.00226) Color Ratio: R=0.242 G=0.730 B=0.028
Peak Wavelength: 607.1nm Half Bandwidth: 122.1nm
Dominant Wavelength: 584.1nm Color Purity: 0.522
Central Wave: 597.7nm Gravity Wave: 607.0nm
CRI: Ra= 84.9 TM30: Rf= 86, Rg= 96
GAI: GAI_BB_8=99.9, GAI_BB_15=107.4, GAI_EES=54.6
R1 =85 R2 =95 R3 =94 R4 =83 R5 =86 R6 =94 R7 =81 R8 =62
R9 =17 R10=88 R11=83 R12=78 R13=87 R14=98 R15=77
Color Quality Scale: Qa= 84.2, Qf= 85.7, Qp= 86.5, Qg= 92.6
Q1 =80 Q2 =94 Q3 =86 Q4 =82 Q5 =85 Q6 =86 Q7 =86 Q8 =87
Q9 =95 Q10=92 Q11=88 Q12=85 Q13=84 Q14=75 Q15=77



Photometric Parameters

Luminous Flux: 667.32 lm
EEI: 0.11

Efficiency: 108.00 lm/W Radiant Power: 2.067 W
Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 12.024V
Power Factor: 1.0000

Current: 0.5139A Power: 6.18W
Frequency: 0.00Hz DF: 0.7068