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: 22699

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
Mains or non-mains:	MLS	Connected light source (CLS):	Nein
Colour-tuneable light source:	Nein	Envelope:	-
High luminance light source:	Nein		
Anti-glare shield:	Nein	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	6	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)	480 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	3 000
On-mode power (P_{on}), expressed in W	6,0	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	84
Outer dimensions without — Height	86	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	50		
Outer dimensions without — Depth	50		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,450 0,410
Parameters for LED and OLED light sources:				
R9 colour rendering index value		12	Survival factor	0,50
the lumen maintenance factor		0,70		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,90	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)		0,9	Stroboscopic effect metric (SVM)	0,5

[a] '-' : not applicable;

[b] '-' : not applicable;

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4479 y=0.4136 u(u')=0.2535 v=0.3511 v'=0.5267
CCT: Tc=2899K (duv=0.00232) Color Ratio: R=0.236 G=0.743 B=0.021
Peak Wavelength: 605.5nm Half Bandwidth: 132.7nm
Dominant Wavelength: 582.5nm Color Purity: 0.586
CRI: Ra= 83.6 TM30: Rf= 86, Rg= 97
GAI: GAI_BB_8=88.1, GAI_BB_15=93.3, GAI_EES=48.1

R1 =82	R2 =90	R3 =97	R4 =84	R5 =82	R6 =88	R7 =84	R8 =62
R9 =12	R10=77	R11=84	R12=72	R13=83	R14=98	R15=74	

Color Quality Scale: Qa= 83.8, Qf= 85.8, Qp= 84.3, Qg= 91.1

Q1 =78	Q2 =95	Q3 =85	Q4 =84	Q5 =85	Q6 =84	Q7 =85	Q8 =88
Q9 =96	Q10=90	Q11=88	Q12=86	Q13=85	Q14=73	Q15=75