

# 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:** 22924

## 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:	MLS	Connected light source (CLS):	Nein
Colour-tuneable light source:	Nein	Envelope:	-
High luminance light source:	Nein		
Anti-glare shield:	Ja	Dimmable:	No

## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	430 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	2 900
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	80
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

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 <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,400 0,300
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	-4	Survival factor	0,50
the lumen maintenance factor	0,70		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,90	Colour consistency in McAdam ellipses	8
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:  $x=0.4244$   $y=0.3975$   $u(u')=0.2453$   $v=0.3446$   $v'=0.5169$   
CCT:  $T_c=3169K$  ( $duv=-0.00078$ ) Color Ratio:  $R=0.234$   $G=0.743$   $B=0.024$   
Peak Wavelength: 605nm Half Bandwidth: 126.5nm  
Dominant Wavelength: 583.4nm Color Purity: 0.467  
Rendering Index:  $R_a=80.6$   
R1 =78 R2 =89 R3 =96 R4 =79 R5 =79 R6 =86 R7 =81 R8 =55  
R9 =-4 R10=75 R11=78 R12=73 R13=81 R14=98 R15=71

