

# 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:** 23288

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Wire		
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
<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°)	390 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	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	81
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	-3	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	7
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:  $x=0.4260$   $y=0.3977$   $u(u')=0.2462$   $v=0.3448$   $v'=0.5172$   
CCT:  $T_c=3141K$  ( $d_{uv}=-0.00097$ ) Color Ratio:  $R=0.236$   $G=0.740$   $B=0.024$   
Peak Wavelength: 600nm Half Bandwidth: 125.6nm  
Dominant Wavelength: 583.6nm Color Purity: 0.472

Rendering Index:  $R_a=81.0$

R1 =79	R2 =90	R3 =96	R4 =79	R5 =80	R6 =88	R7 =81	R8 =55
R9 =-3	R10=77	R11=79	R12=73	R13=82	R14=98	R15=71	

