

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: 21674

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

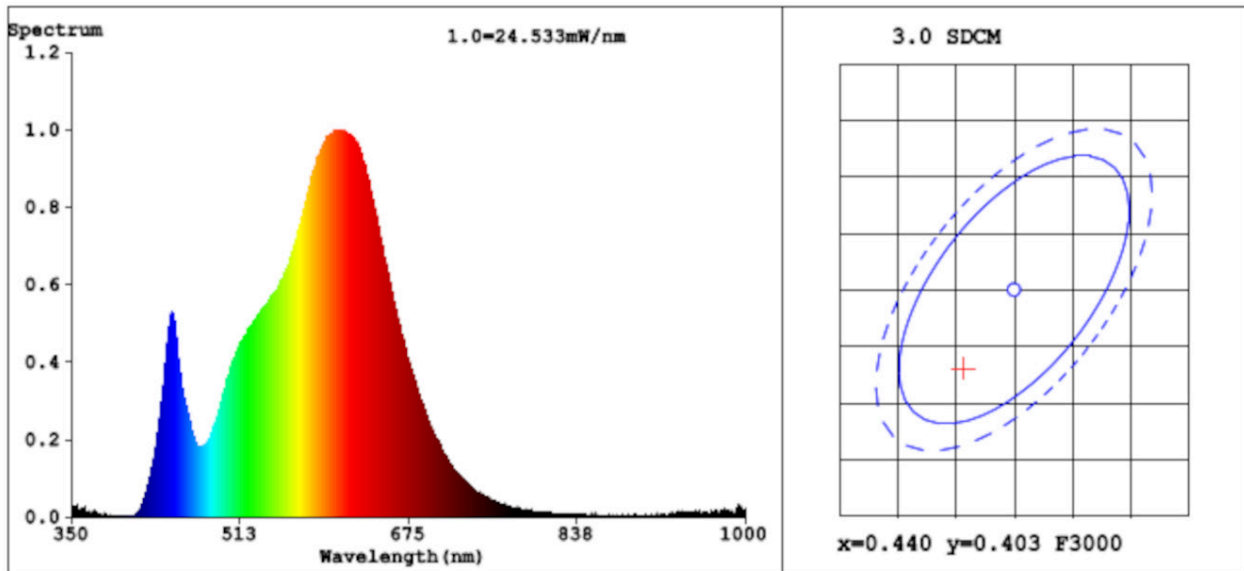
Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	20	Energy efficiency class	G
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°)	1 200 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	20,0	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	87
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 ^(a)	-		If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,400 0,400
Parameters for LED and OLED light sources:				
R9 colour rendering index value	30		Survival factor	0,50
the lumen maintenance factor	0,70			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,90		Colour consistency in McAdam ellipses	3
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;



Color Parameters:

Chromaticity Coordinate: $x=0.4356$ $y=0.3961$ / $u'=0.2532$ $v'=0.5180$

CCT=2956K (Duv=-0.0030) Dominant WL:Ld =584.1nm Purity=49.6%

Ratio:R=23.8% G=73.5% B=2.6% Peak WL:Lp=604.7nm FWHM=143.0nm

Render Index:Ra=87.2 AvgR=83.6

R1 =87 R2 =93 R3 =97 R4 =87 R5 =87 R6 =93 R7 =86

R8 =68 R9 =30 R10=85 R11=88 R12=84 R13=88 R14=99 R15=81