

# 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:** 22724

## 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	12	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°)	960 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	4 000
On-mode power ( $P_{on}$ ), expressed in W	12,0	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	83
Outer dimensions without	Height	600	Spectral power distribution in the See image in last page
	Width	112	
	Depth	44	

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)	0,380 0,380
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	9		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	2
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;

# Lightsource Test Report

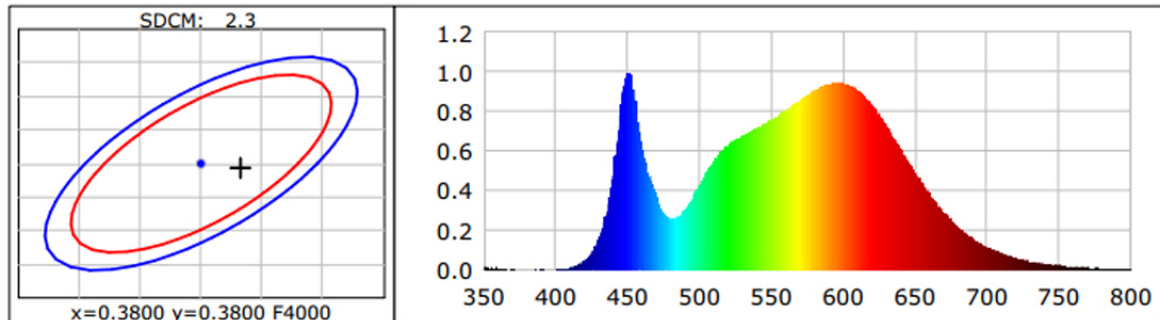
## Product Information

Product Type: W600C40  
Product Number: 1

Product Spec: 4000K  
Buyer:

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3832$   $y=0.3794$   $u(u')=0.2259$   $v=0.3354$   $v'=0.5031$   
 CCT:  $T_c=3944K$  ( $duv=0.00041$ ) Color Ratio:  $R=0.185$   $G=0.780$   $B=0.034$   
 Peak Wavelength: 450.6nm Half Bandwidth: 23.1nm  
 Dominant Wavelength: 579.1nm Color Purity: 0.289  
 Central Wave: 452.1nm Gravity Wave: 451.0nm  
 CRI:  $R_a=83.0$  TM30:  $R_f=84$ ,  $R_g=96$   
 GAI:  $GAI\_BB\_8=92.7$ ,  $GAI\_BB\_15=99.1$ ,  $GAI\_EES=72.2$   
 R1 =81 R2 =89 R3 =94 R4 =82 R5 =82 R6 =85 R7 =86 R8 =65  
 R9 =9 R10=73 R11=81 R12=62 R13=83 R14=97 R15=76  
 Color Quality Scale:  $Q_a=82.8$ ,  $Q_f=82.9$ ,  $Q_p=83.0$ ,  $Q_g=93.2$   
 Q1 =82 Q2 =98 Q3 =79 Q4 =76 Q5 =82 Q6 =84 Q7 =85 Q8 =89  
 Q9 =97 Q10=88 Q11=85 Q12=84 Q13=84 Q14=73 Q15=76



## Photometric Parameters

Luminous Flux: 1615.8 lm  
EEI: 0.09

Efficiency: 150.04 lm/W Radiant Power: 4.867 W  
Energy Efficiency Class: A++ (EU 874-2012)

## Electric Parameters

Voltage: 65.270V  
Power Factor: 1.0000

Current: 0.1650A Power: 10.77W  
Frequency: 0.00Hz