

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** WILIT

**Supplier's address:** WILIT Service Center, An der, DE

**Model identifier:** W20

**Type of light source:**

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	LED		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	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°)	520 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	4,5	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	82
Outer dimensions without separate control gear, lighting control	Height	490	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	97	
	Depth	123	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
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	10	Survival factor	1,00
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;

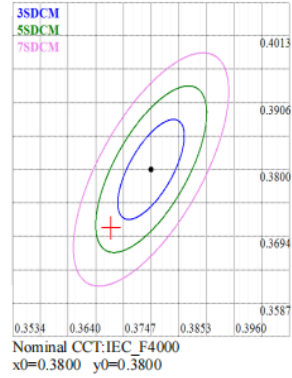
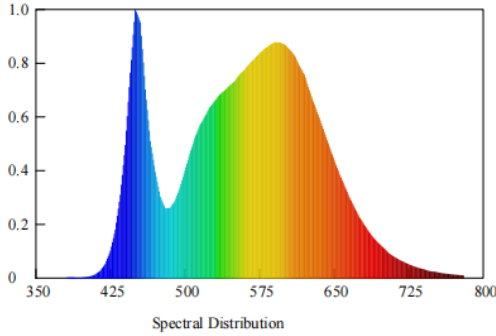
## Report of Spectroradiometric & Electric Analysis for Light Source

Model No.:	Test Report No.:
Sample SN:	Date: 11-11-2021
Manufacturer:	Reviewed By: Lan Luo
Tested By: Lucky	
Description:	

### Test Condition

Temperature: °C	RH: %
Spectrum Range: 380-780 nm	Scan Step: 5 nm

### Spectroradiometric Parameters

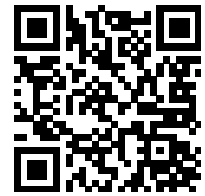


Chromaticity Coordinates: $x=0.3723$ $y=0.3707$ $u'=0.2221$ $v'=0.4977$	
Correlated Color Temperature: 4188 K	Dominant Wavelength: 577.0 nm(E)
Colour Fidelity Index: Rf=81	Gamut Index: Rg=95
Luminous Flux: 522.15 lm	Purity: 0.2299
Chromaticity Difference: -0.00039Duv	Peak Wavelength: 450.0 nm
Color Ratio: Kr=37.2% Kg=53.3% Kb=9.4%	Color Tolerance(SDCM): 3.9
Bandwidth: 29.5nm	Radiant Flux: 1.94 W
Photosynthetically Active Radiation(PAR): 1.90W	Photosynthetic Photon Flux(PPF):8.92μmol/s
Rendering Index: Ra=82.4	
R1=81 R2=88 R3=93 R4=82 R5=81 R6=83 R7=86 R8=65	
R9=8 R10=71 R11=80 R12=59 R13=83 R14=96 R15=76 Re=76	

### Electric Parameters

Voltage: 21.29 V	Current: 0.2202 A
Power Factor: 1.0000	Power: 4.69 W
Luminous Efficacy: 111.3 lm/W	

Model placed on the Union market from 18/11/2021



**EPREL registration number:** 1060918

<https://eprel.ec.europa.eu/qr/1060918>

**Supplier:** Salcar GmbH (Importer)

**Website:**

**Customer care service:**

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