

# Product Information Sheet

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

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

**Supplier's address:** Importabteilung, Römerstraße 39, 4600 Wels, AT

**Model identifier:** 81810193-01

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	LED SMD 42W		
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:	Yes

## Product parameters

Parameter	Value	Parameter	Value
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### General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	42	Energy efficiency class	E
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°)	5 250 in Sphere (360°)	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	2 700 or 6 000
On-mode power ( $P_{on}$ ), expressed in W	42,0	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,50
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 separate control gear, lighting control	Height	1	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	360	
	Depth	8	
			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)	0,381 0,378
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	12	Survival factor	0,90
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;

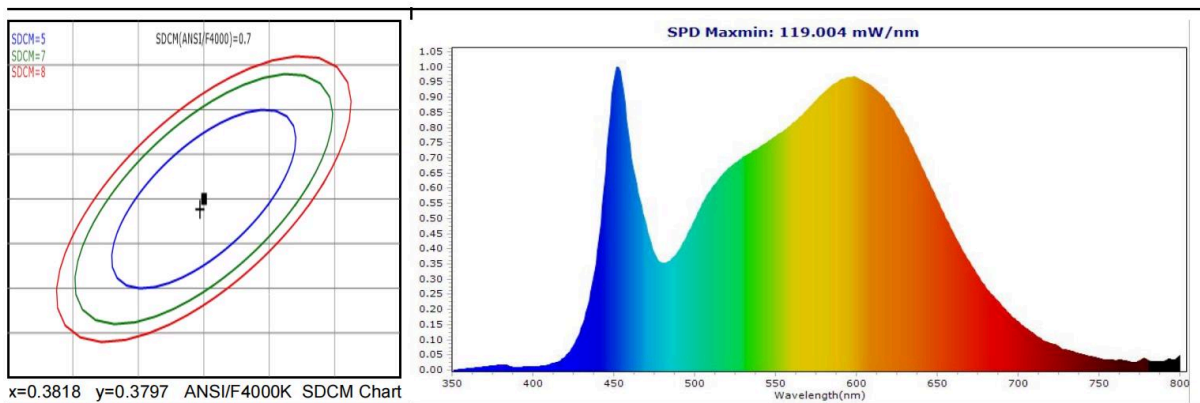
### Spectral test report for lamp

Product type : Test time : 2024/7/26 16:03:22  
 Product No. : Test equipment : SPEC-3000A Spectrometer  
 Manufacturer : Operator :

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3814$   $y=0.3781$   $u=0.2252$   $v=0.3349$   $u^*=0.2252$   $v^*=0.5024$   
 Color temperature: 3988 K (duv=+0.00036) Color difference: SDCM(ANSI/F4000)=0.7 Main Wl:  $\lambda_d=484.2$  nm Purity: 0.166  
 Peak wavelength:  $\lambda_p=451.5$  FWHM:  $\Delta\lambda_p=26.7$  nm Color ratio: R=0.202 G=0.762 B=0.036

Color rendering index :Ra=86.18 Color Fidelity:Rf=86.73 Color Gamut:Rg=95.83 GAI=93.84  
 R1=83.2 R2=90.5 R3=96.8 R4=88.7 R5=88.1 R6=89.7 R7=85.1 R8=66.9  
 R9=21.6 R10=78.5 R11=88.0 R12=68.6 R13=85.0 R14=98.4 R15=77.2



### Optical Parameter

Luminous flux: 7250.52 lm luminous efficiency: 127.65 lm/w Radiant flux: 21.186 W  
 Energy efficiency index(EEI): 80.247 Energy efficiency class: G (EU 2019/2015) (EU 874/2012)  
 MES1=5783.951

### Electrical Parameter

Voltage(V): 218.73 Current(A): 0.5065 Watte(W): 56.80 Power factor: 0.7544

### Test Infomation

Temperature :25.0Deg C Humidity :65%  
 Test range :350-800nm :1nm Peak AD. :45738 (69.8%)  
 Preheat time :0(min) Integral time. :172.05 (ms)

### MEASUREFINE

Hangzhou Hui pu Instrument Co., Ltd. <http://www.measurefine.com>

Model placed on the Union market from 15/02/2026.



**EPREL registration number:** 2623689

<https://eprel.ec.europa.eu/qr/2623689>

**Supplier:** BDSK Handels GmbH & Co. KG (Importer)

**Website:** [www.xxxlgroup.com](http://www.xxxlgroup.com)

**Customer care service:**

**Name:** Importabteilung

**Website:**

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