

# Product Information Sheet

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

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

**Supplier's address:** Expondo, ul. Nowy Kisielin – Innowacyjna , 7 66-002 Zielona Góra Polska

**Model identifier:** WIE-LED-20S

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	N/A		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

## Product parameters

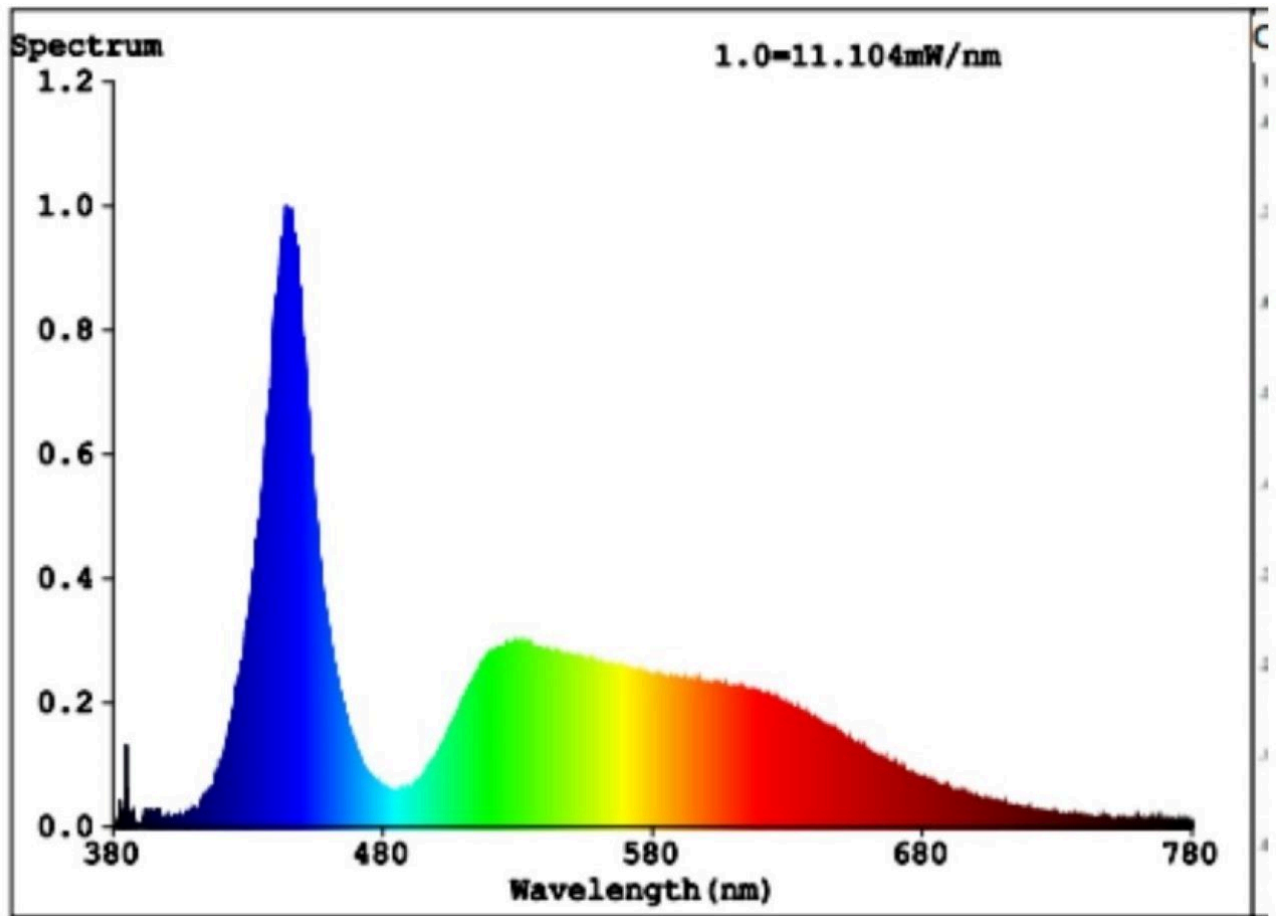
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	20	Energy efficiency class	E
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 218 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	6 000
On-mode power ( $P_{on}$ ), expressed in W	19,8	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,21
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 separate control gear, lighting control	Height	600	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	90	
	Depth	80	
			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)	0,292 0,278
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	500	Beam angle in degrees, or the range of beam angles that can be set	120
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	16	Survival factor	0,90
the lumen maintenance factor	0,98		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,91	Colour consistency in McAdam ellipses	5
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)	0,3	Stroboscopic effect metric (SVM)	0,0

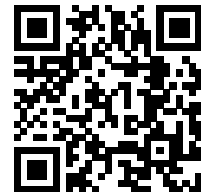
(a) '-': not applicable;

(b) '-': not applicable;

## Spectral distribution



Model placed on the Union market from 26/08/2021



**EPREL registration number:** 905241

<https://eprel.ec.europa.eu/qr/905241>

**Supplier:** EXPONDO POLSKA SPÓŁKA Z O.O. SP.K. (Manufacturer)

**Website:** <https://www.expondo.pl>

**Customer care service:**

**Name:** Expondo

**Website:** [www.expondo.de](http://www.expondo.de)

**Email:** [serwis@expondo.pl](mailto:serwis@expondo.pl)

**Phone:** 68 300 5000

**Address:**

ul. Nowy Kisielin – Innowacyjna , 7  
66-002 Zielona Góra  
Polska