

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: UNI_LD_21

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	LED		
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

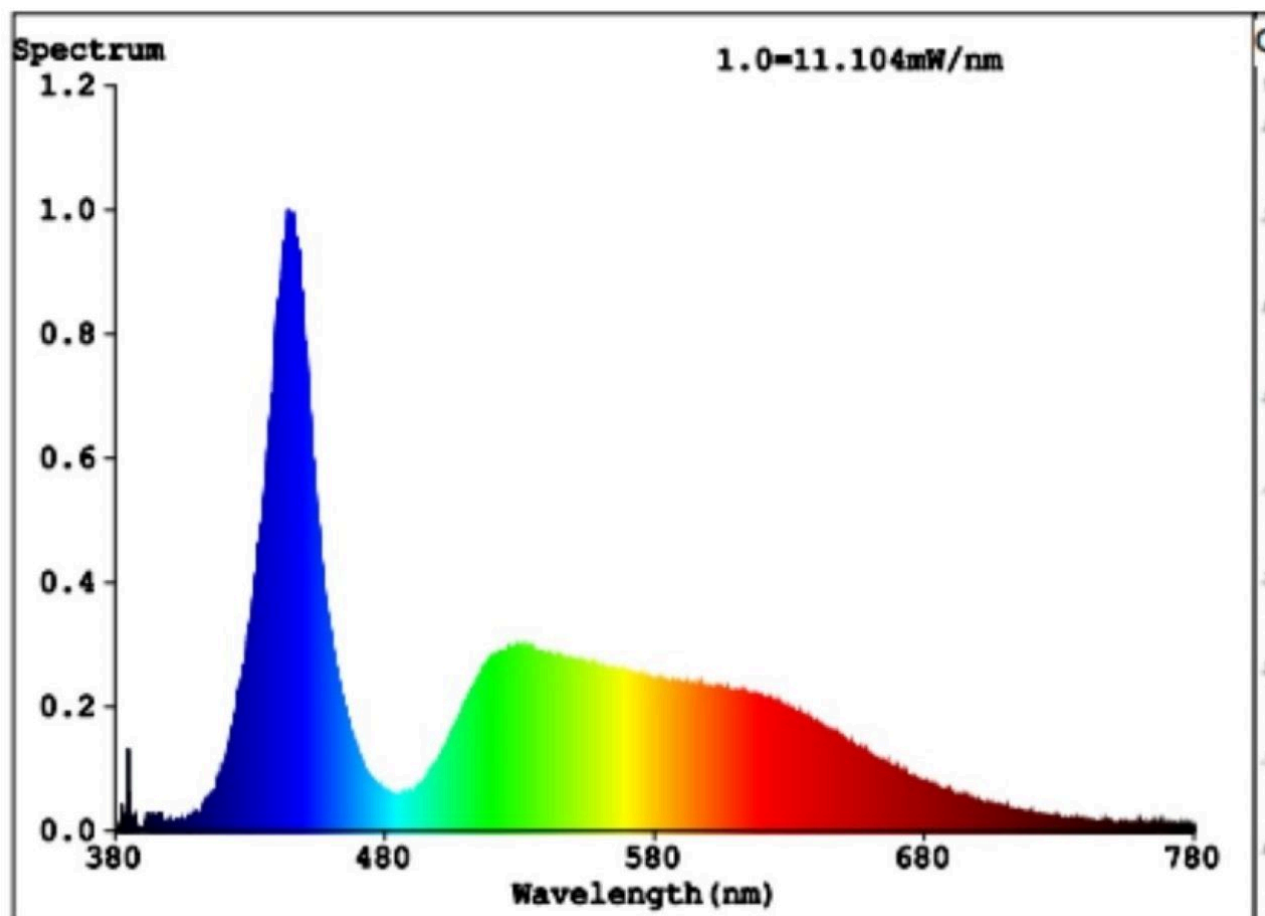
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	50	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	4 000 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	3000...6000
On-mode power (P_{on}), expressed in W	50,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,24
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	85
Outer dimensions without separate control gear, lighting control	Height	880	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	250	
	Depth	60	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,355 0,139
Parameters for directional light sources:			
Peak luminous intensity (cd)	1 000	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:			
R9 colour rendering index value	30	Survival factor	1,00
the lumen maintenance factor	0,98		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,92	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)	0,5	Stroboscopic effect metric (SVM)	0,0

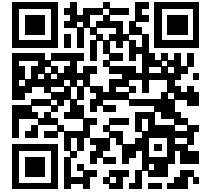
(a) '-': not applicable;

(b) '-': not applicable;

Spectral distribution



Model placed on the Union market from 13/01/2024



EPREL registration number: 2137361

<https://eprel.ec.europa.eu/qr/2137361>

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

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

Customer care service:

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