

# Product Information Sheet

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

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

**Supplier's address:** Product, Körkarlsvägen 4, 65346 Karlstad, SE

**Model identifier:** PLUTO

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	12-24V AC/DC		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
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	2	Energy efficiency class	G
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°)	128 in Narrow cone (90°)	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	2,1	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	90
Outer dimensions without separate control gear, lighting control	Height	580	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	60	
	Depth	60	
			See image in last page

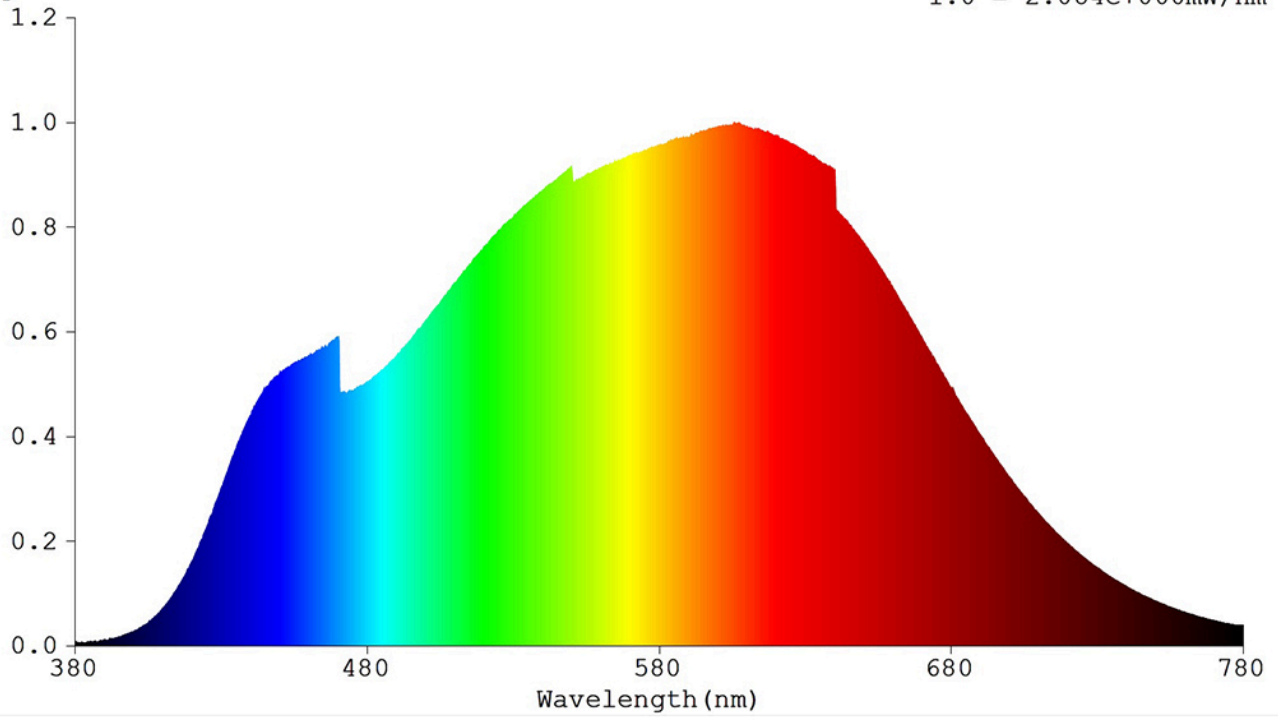
parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,389 0,394
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	3 000	Beam angle in degrees, or the range of beam angles that can be set	25
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	54	Survival factor	0,95
the lumen maintenance factor	1,00		

(a) : not applicable;

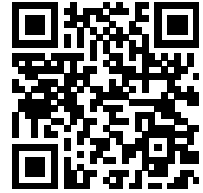
(b) : not applicable;

Spectrum

1.0 = 2.084e+000mW/nm



Model placed on the Union market from 01/06/2016



**EPREL registration number:** 1476791

<https://eprel.ec.europa.eu/qr/1476791>

**Supplier:** Sunnex Equipment AB (Manufacturer)

**Website:** [www.sunnex.se](http://www.sunnex.se)

**Customer care service:**

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