

# Product Information Sheet

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

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

**Supplier's address:** Kobi LIGHT, Boya Żeleńskiego 2 35-105 Rzeszów Polska

**Model identifier:** LED NEXPRO FL 100W 4000K

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	-		
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	100	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°)	9 800 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	4 000
On-mode power ( $P_{on}$ ), expressed in W	100,0	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	80
Outer dimensions without separate control gear, lighting control	Height	315	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	272	
	Depth	150	
			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 directional light sources:</b>			
Peak luminous intensity (cd)	4 773	Beam angle in degrees, or the range of beam angles that can be set	110
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	1	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)	0,90	Colour consistency in McAdam ellipses	6
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)	0,9	Stroboscopic effect metric (SVM)	0,3

(a) '-': not applicable;

(b) '-': not applicable;

