

# Product Information Sheet

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

**Supplier's name or trade mark:** ASTERA / NYX Bulb

**Supplier's address:** Astera LED Technology GmbH, Schatzbogen 60, 81829 München, DE

**Model identifier:** FP5-E27

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
Mains or non-mains:	MLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	Yes	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

## Product parameters

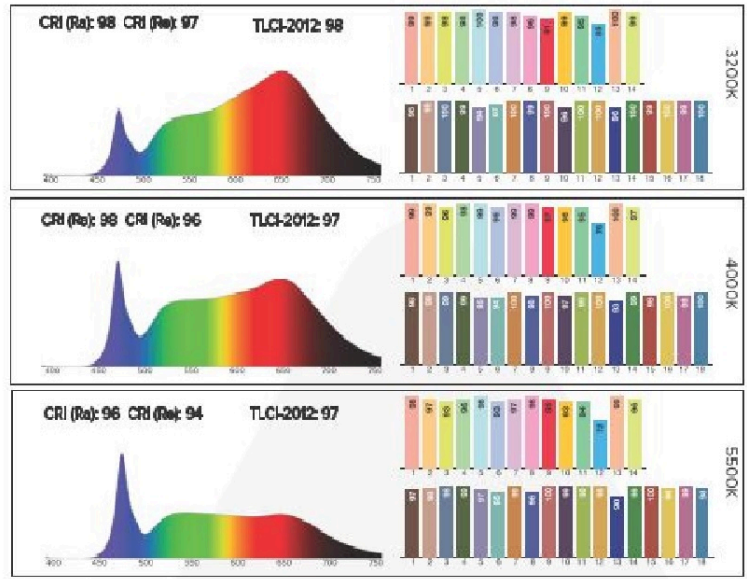
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	560 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	2700...6500
On-mode power ( $P_{on}$ ), expressed in W	10,0	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,40
Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal	0,40	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	96
Outer dimensions without separate control gear, lighting control	Height	130	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	70	
	Depth	70	
			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)	0,379 0,375
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	96	Survival factor	0,98
the lumen maintenance factor	0,99		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,96	Colour consistency in McAdam ellipses	2
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)	0,0	Stroboscopic effect metric (SVM)	0,0

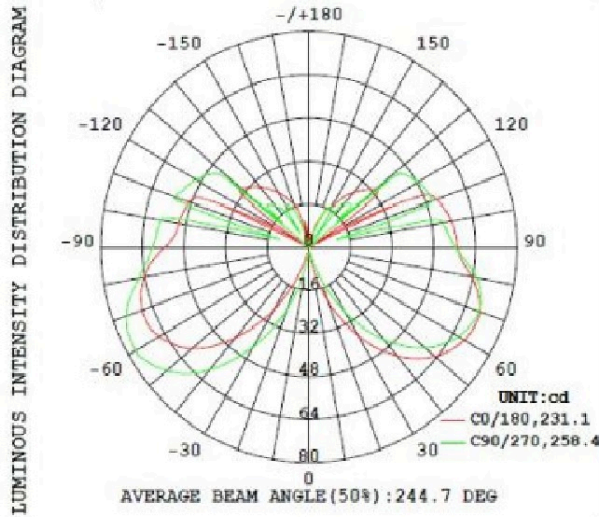
(a)-: not applicable;

(b)-: not applicable;

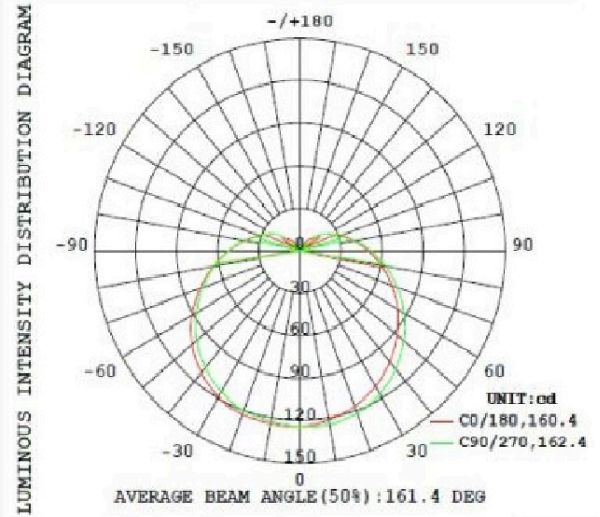
# TYPICAL SPECTRAS OF NYX BULB



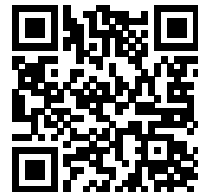
## LIGHT DISTRIBUTION CURVE with CupBouncer



## without CupBouncer



Model placed on the Union market from 21/07/2020



**EPREL registration number:** 1527805

<https://eprel.ec.europa.eu/qr/1527805>

**Supplier:** Astera LED Technology GmbH (Manufacturer)

**Website:** [www.astera-led.com](http://www.astera-led.com)

**Customer care service:**

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