Product Information Sheet

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

Supplier's name or trade mark: Thebo

Supplier's address: -

Model identifier: LED 115 Tadeo XL

Type of light source:

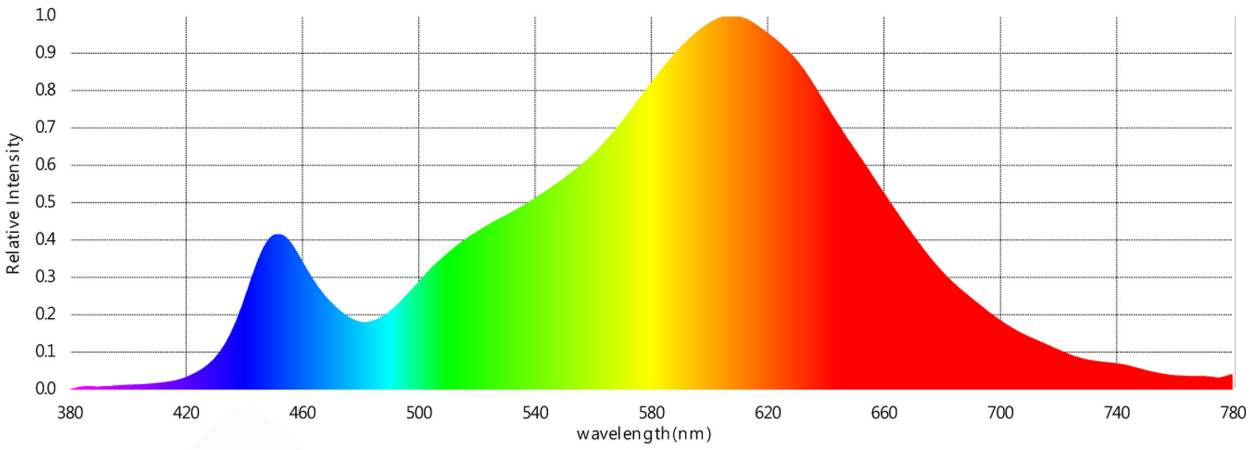
Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Lichtleiterplatten eingefasst von umlaufender PCB, bestückt mit 24 Stck LED Chips SMD 4014		
Mains or non-mains:	NMLS	Connected light source (CLS):	Nein
Colour-tuneable light source:	Nein	Envelope:	-
High luminance light source:	Nein		
Anti-glare shield:	Nein	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	5	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	450 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	2 834
On-mode power (P_{on}), expressed in W	4,8	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-	85

			values that can be set	
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Height	13	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	108		
	Depth	200		
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,044 0,400
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,95
the lumen maintenance factor		0,90		

(a) '-' : not applicable;

(b) '-' : not applicable;

Spectrum


Relative Intensity
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
380
420
460
500
540
580
620
660
700
740
780
wavelength(nm)