

Product Information Sheet

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

Supplier's name or trade mark: Habitat

Supplier's address: -

Model identifier: 9597428

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	LED module		
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	22	Energy efficiency class	D
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°)	3 699 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	3 053
On-mode power (P_{on}), expressed in W	25,1	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,43
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	82
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,437 0,410	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	6	Survival factor	0,90	
the lumen maintenance factor	0,00			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	1,00	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)	0,0	Stroboscopic effect metric (SVM)	0,0	

(a) : not applicable;

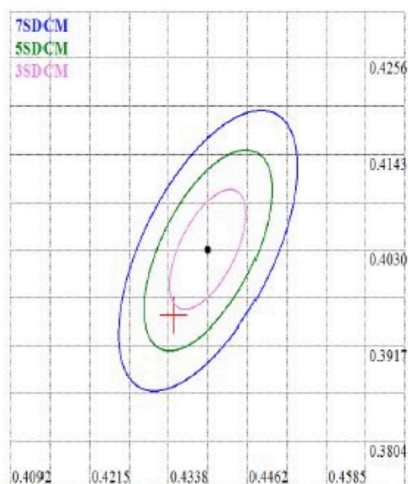
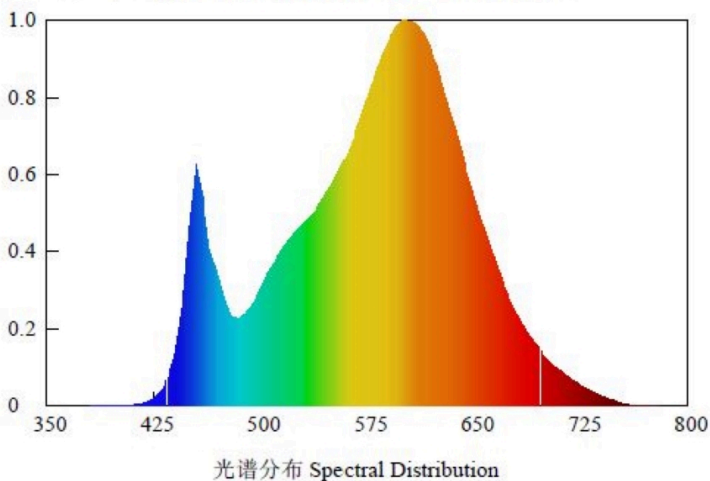
(b) : not applicable;

Attachment 2_F – Measured data by goniophotometer and Spectroradiometric Parameters

Luminous intensity spectral Distribution of sample number 1:

For model RE36DC-L-12C

光色参数 Spectroradiometric Parameters



Nominal CCT:ANSI_F3000K

x0=0.4347 y0=0.3953

色品坐标 Chromaticity Coordinates: $x=0.4347$ $y=0.3953$ $u'=0.253$ $v'=0.5176$

相关色温 Correlated Color Temperature: 2965 K

主波长 Dominant Wavelength: 583.0 nm(E)

显色指数 Rendering Index: $R_a=82.2$

峰值波长 Peak Wavelength: 601.8 nm

色纯度 Purity: 0.4921

谱线带宽 Bandwidth: 115.7nm

光通量 Luminous Flux: 3123.453 lm

辐射通量 Radiant Flux: 7.858 W

色比 Color Ratio: $K_r=46.0\%$ $K_g=46.5\%$ $K_b=7.5\%$

色容差 Color Tolerance(SDCM): 3.3681

色偏差 Chromaticity Difference: -0.00323Duv

R1=82 R2=94 R3=92 R4=79 R5=82 R6=93 R7=79 R8=56

R9=6 R10=86 R11=78 R12=73 R13=86 R14=97 R15=75