

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: Customer services, Argos (N.I.) Ltd, Forestside Shopping Centre, Upper Galwally, Belfast, United Kingdom, BT8 6FX.

Model identifier: 9629585

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
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General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	20	Energy efficiency class	F
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°)	2 062 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	3 066
On-mode power (P_{on}), expressed in W	18,6	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,27
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	83
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		
			210

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	130	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,430 0,392
Parameters for LED and OLED light sources:				
R9 colour rendering index value	10	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;

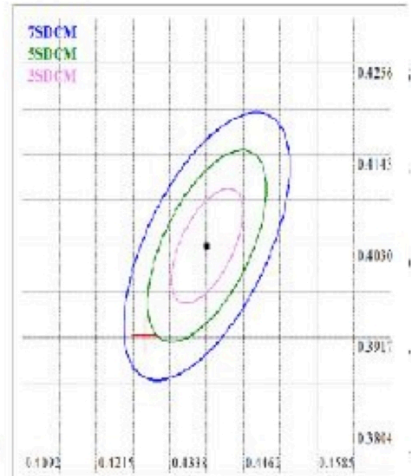
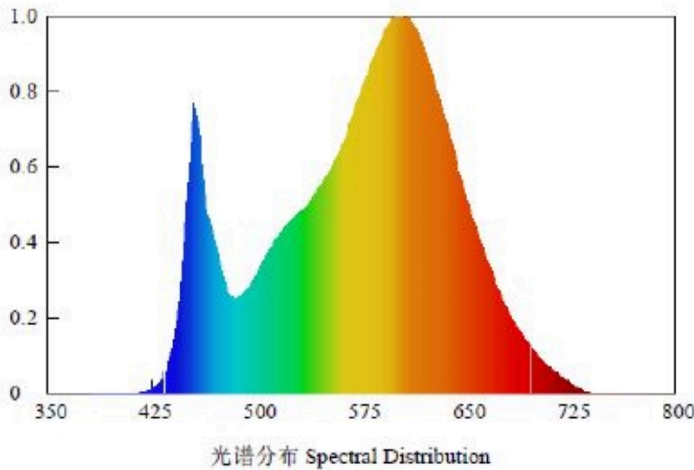
(b) '-': not applicable;

Attachment 2_C – Measured data by goniophotometer and Spectroradiometric Parameters

Luminous intensity spectral Distribution of sample number 1:

For model RE12DC471

光色参数 Spectroradiometric Parameters



色品坐标 Chromaticity Coordinates: $x=0.4296$ $y=0.3920$ $u'=0.2503$ $v'=0.5127$

相关色温 Correlated Color Temperature: 3066 K

主波长 Dominant Wavelength: 583.0 nm(E)

显色指数 Rendering Index: $R_a=82.9$

峰值波长 Peak Wavelength: 602.2 nm

色纯度 Purity: 0.4404

谱线带宽 Bandwidth: 115.8nm

光通量 Luminous Flux: 1277.571 lm

辐射通量 Radiant Flux: 2.976 W

色比 Color Ratio: $K_r=45.5\%$ $K_g=46.5\%$ $K_b=8.0\%$

色容差 Color Tolerance(SDCM): 5.5535

色偏差 Chromaticity Difference: -0.00531Duv

R1=84 R2=96 R3=90 R4=79 R5=84 R6=93 R7=78 R8=57

R9=10 R10=91 R11=79 R12=73 R13=88 R14=96 R15=77