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: 9597806

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	16	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)	1 455 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	2 825
On-mode power (P_{on}), expressed in W	12,8	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,31
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	81
Outer dimensions – Height	1 200	Spectral power distribution in the	See image in last page
Outer dimensions – Width	350		

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	180	range 250 nm to 800 nm, at full-load	
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,445 0,399
Parameters for LED and OLED light sources:				
R9 colour rendering index value		3	Survival factor	0,90
the lumen maintenance factor		0,00		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		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;

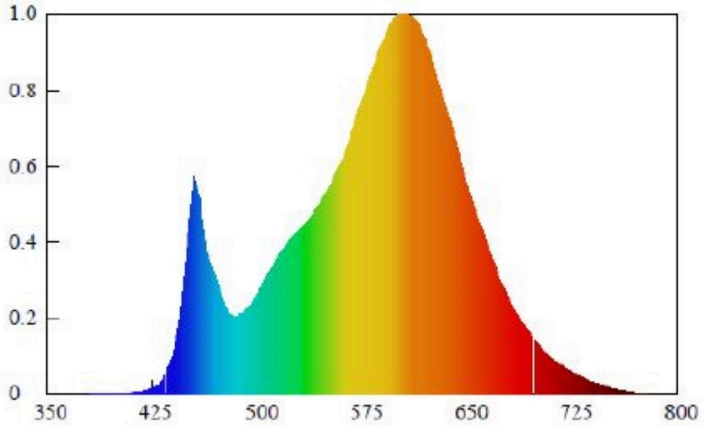
[(b)] '-' : not applicable;

Attachment 2_C – Measured data by goniophotometer and Spectroradiometric Parameters

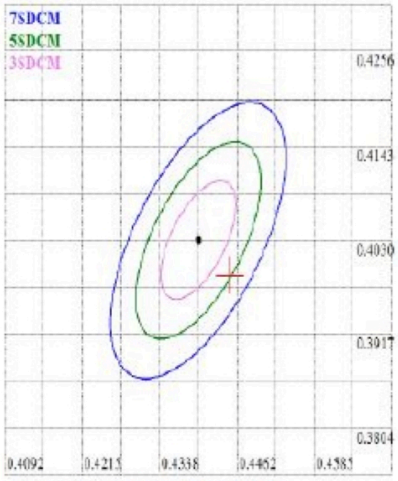
Luminous intensity spectral Distribution of sample number 1:

For model RE12DC431

光色参数 Spectroradiometric Parameters



光谱分布 Spectral Distribution



Nominal CCT:ANSI_F3000K
x0=0.4450 y0=0.3988

色品坐标 Chromaticity Coordinates: x=0.4450 y=0.3988 u'=0.2581 v'=0.5205

相关色温 Correlated Color Temperature: 2825 K

主波长 Dominant Wavelength: 583.0 nm(E)

显色指数 Rendering Index: Ra=81.2

峰值波长 Peak Wavelength: 604.0 nm

色纯度 Purity: 0.5362

谱线带宽 Bandwidth: 110.1nm

光通量 Luminous Flux: 1211.676 lm

辐射通量 Radiant Flux: 2.891 W

色 比 Color Ratio: Kr=47.3% Kg=45.7% Kb=7.0%

色 容 差 Color Tolerance(SDCM): 4.774

色 偏 差 Chromaticity Difference: -0.00308Duv

R1=81	R2=94	R3=91	R4=77	R5=81	R6=93	R7=78	R8=54
R9=3	R10=86	R11=76	R12=73	R13=85	R14=96	R15=73	