

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: 9584448

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	24	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°)	2 854 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	2 852
On-mode power (P_{on}), expressed in W	26,5	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,35
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	Spectral power distribution in the	See image in last page
	Width		
			510

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	510	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,442 0,397
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 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;

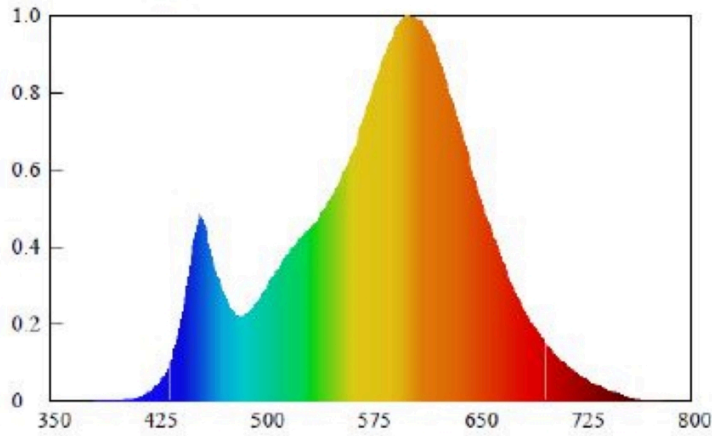
(b)-: not applicable;

Attachment 2_D – Measured data by goniophotometer and Spectroradiometric Parameters

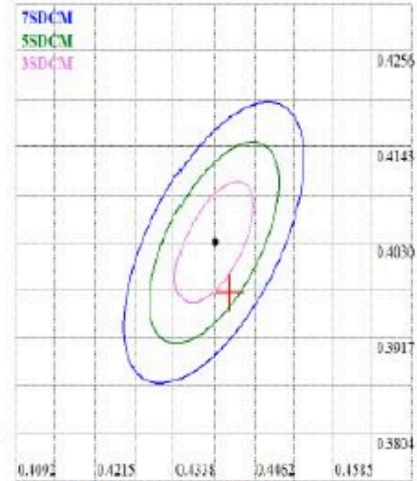
Luminous intensity spectral Distribution of sample number 1:

For model RE18DC-S-6C

光色参数 Spectroradiometric Parameters



光谱分布 Spectral Distribution



Nominal CCT:ANSI_F3000K
x0=0.4424 y0=0.3971

色品坐标 Chromaticity Coordinates: $x=0.4424$ $y=0.3971$ $u'=0.2572$ $v'=0.5194$

相关色温 Correlated Color Temperature: 2852 K

主波长 Dominant Wavelength: 583.0 nm(E)

显色指数 Rendering Index: $R_a=81.3$

峰值波长 Peak Wavelength: 601.9 nm

色纯度 Purity: 0.5233

谱线带宽 Bandwidth: 111.6nm

光通量 Luminous Flux: 3967.045 lm

辐射通量 Radiant Flux: 9.742 W

色比 Color Ratio: $K_r=47.1\%$ $K_g=45.8\%$ $K_b=7.1\%$

色容差 Color Tolerance(SDCM): 4.1643

色偏差 Chromaticity Difference: -0.00348Duv

R1=81 R2=94 R3=92 R4=78 R5=81 R6=92 R7=78 R8=54

R9=3 R10=86 R11=77 R12=77 R13=85 R14=96 R15=73