

# 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:** 9632981

## 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  | F                      |
| Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 3 823 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 | 3 295                  |
| On-mode power ( $P_{on}$ ), expressed in W   | 47,6                      | Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal   | 0,45                   |
| 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   | 84                     |
| Outer dimensions   | Height                    | Spectral power distribution in the   | See image in last page |
|  | Width                     |  |                        |

|   |       |      |                                       |                |
|---|-------|------|---------------------------------------|----------------|
| without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)               | Depth | 380  | range 250 nm to 800 nm, at full-load  |                |
| Claim of equivalent power <sup>(a)</sup>  |       | -    | If yes, equivalent power (W)          | -              |
|   |       |      | Chromaticity coordinates (x and y)    | 0,418<br>0,399 |
| <b>Parameters for LED and OLED light sources:</b>   |       |      |                                       |                |
| R9 colour rendering index value   |       | 8    | Survival factor                       | 0,90           |
| the lumen maintenance factor  |       | 0,00 |                                       |                |
| <b>Parameters for LED and OLED mains light sources:</b>   |       |      |                                       |                |
| displacement factor (cos $\phi_1$ )   |       | 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;

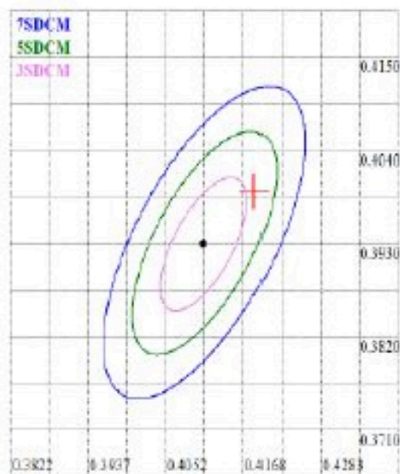
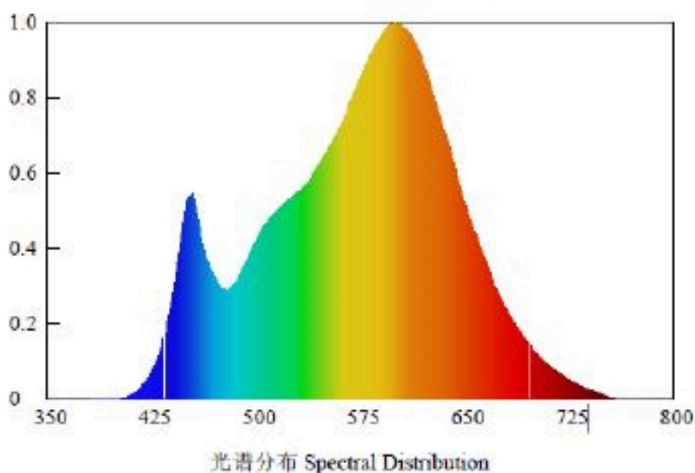
(b) '-': not applicable;

## Attachment 2\_E – Measured data by goniophotometer and Spectroradiometric Parameters

Luminous intensity spectral Distribution of sample number 1:

For model RE36DC-R245-12C

### 光色参数 Spectroradiometric Parameters



色品坐标 Chromaticity Coordinates:  $x=0.4185$   $y=0.3992$   $u'=0.2408$   $v'=0.5167$

相关色温 Correlated Color Temperature: 3295 K

主波长 Dominant Wavelength: 580.0 nm(E)

显色指数 Rendering Index:  $R_a=83.8$

峰值波长 Peak Wavelength: 600.3 nm

色纯度 Purity: 0.4550

谱线带宽 Bandwidth: 137.2nm

光通量 Luminous Flux: 3795.283 lm

辐射通量 Radiant Flux: 8.758 W

色比 Color Ratio:  $K_r=42.8\%$   $K_g=48.5\%$   $K_b=8.7\%$

色容差 Color Tolerance(SDCM): 3.5192

色偏差 Chromaticity Difference: +0.00095Duv

R1=83 R2=93 R3=95 R4=82 R5=83 R6=92 R7=83 R8=60

R9=8 R10=84 R11=82 R12=75 R13=86 R14=98 R15=75