

# Product Information Sheet

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

**Supplier's name or trade mark:** GLOBO Handels Gmbh

**Supplier's address:** GLOBO Handels GmbH, Gewerbestraße 3, 9184 St. Peter, AT

**Model identifier:** 16024WW

## Type of light source:

|                                                     |      |                                 |      |
|-----------------------------------------------------|------|---------------------------------|------|
| Lighting technology used:                           | LED  | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | LED  |                                 |      |
| Mains or non-mains:                                 | NMLS | 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                  |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| <b>General product parameters:</b>                                                                                                             |                      |                                                                                                                                                            |                        |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer                                                                  | 6                    | Energy efficiency class                                                                                                                                    | E                      |
| 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°) | 720 in Sphere (360°) | 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 | 4 000                  |
| On-mode power ( $P_{on}$ ), expressed in W                                                                                                     | 5,0                  | Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal                                                                               | 0,50                   |
| 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 separate control gear, lighting control                                                                               | Height               | Spectral power distribution in the range 250 nm to 800 nm, at full-load                                                                                    | See image in last page |
|                                                                                                                                                | Width                |                                                                                                                                                            |                        |
|                                                                                                                                                | Depth                |                                                                                                                                                            |                        |

|                                                           |      |                                    |                |  |
|-----------------------------------------------------------|------|------------------------------------|----------------|--|
| parts and non-lighting control parts, if any (millimetre) |      |                                    |                |  |
| Claim of equivalent power <sup>(a)</sup>                  | -    | If yes, equivalent power (W)       | -              |  |
|                                                           |      | Chromaticity coordinates (x and y) | 0,380<br>0,380 |  |
| <b>Parameters for LED and OLED light sources:</b>         |      |                                    |                |  |
| R9 colour rendering index value                           | 11   | Survival factor                    | 0,90           |  |
| the lumen maintenance factor                              | 0,95 |                                    |                |  |

(a) : not applicable;

(b) : not applicable;

### Spectral test report for lamp

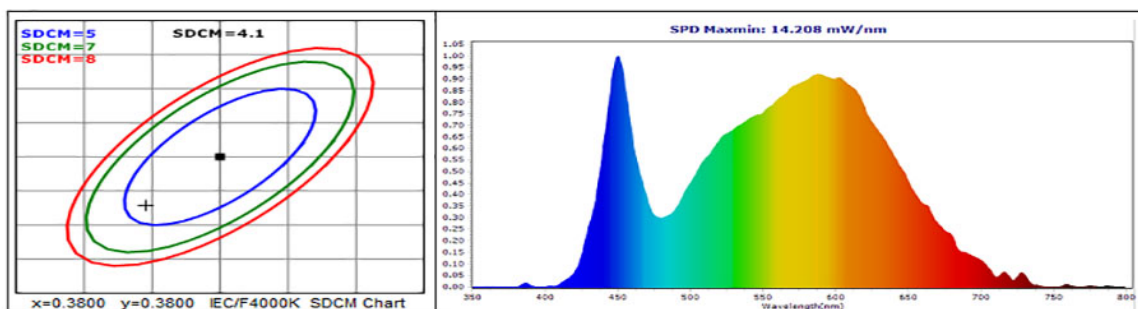
Product type : 16024WW  
Product No. :  
Manufacturer : TAVIC

Test time : 2024/10/20 15:15:48  
Test equipment : SPEC-3000ASpectrometer  
Operator : L

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3718$   $y=0.3705$   $u=0.2219$   $v=0.3317$   $u^*=0.2219$   $v^*=0.4976$   
Color temperature: 4202 K ( $duv=-0.00033$ ) Color difference: SDCM(IEC/F4000)=4.1 Main Wavelength=484.0 nm Purity: 0.194  
Peak wavelength:  $\lambda_p=450.3$  FWHM:  $\Delta\lambda_p=27.2$  nm Color ratio: R=0.192 G=0.774 B=0.034

Color rendering index: Ra=82.81 Color Fidelity: Rf=83.75 Color Gamut: Rg=95.57 GAI=93.2  
R1=81.2 R2=88.5 R3=93.7 R4=82.1 R5=81.4 R6=83.8 R7=86.3 R8=65.4  
R9=8.3 R10=72.4 R11=80.7 R12=63.5 R13=83.5 R14=96.5 R15=75.7



### Optical Parameter

Luminous flux: 728.46 lm  
Energy efficiency index (EEI): 134.452  
MOVE=708.473 MES1=626.648

luminous efficiency: 134.45 lm/w Radiant flux: 2.216 W  
Energy efficiency class: E (EU 2019/2015) (EU 874)

### Electrical Parameter

Voltage(V): 36.143 Current(A): 0.1499 Watte(W): 5.418 Power factor: 1.0000

### Test Information

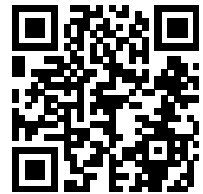
Temperature : 25.0 Deg C  
Test range : 350-800nm : 1nm  
Preheat time : 0.1(min)

Humidity : 65%  
Peak AD. : 47042 (71.8%)  
Integral time. : 3288.07 (ms)

MEASUREFINE

Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>

Model placed on the Union market from 16/08/2024



**EPREL registration number:** 2120532

<https://eprel.ec.europa.eu/qr/2120532>

**Supplier:** Globo Handels GmbH (Importer)

**Website:**

**Customer care service:**

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