

# 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:** 16024-4W

## 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	24	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°)	2 900 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	23,0	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	52	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	52	
	Depth	1	
			See image in last page

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)	0,361 0,365
<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**

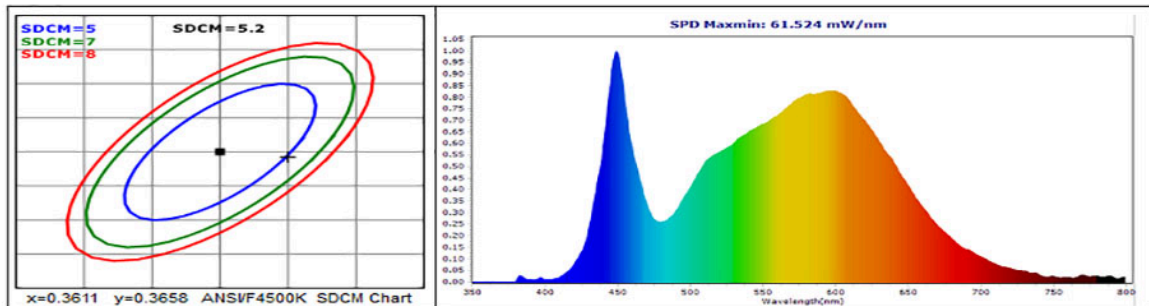
Product type : 16024-4  
 Product No. :  
 Manufacturer :TAVIC

Test time : 2024/10/18 15:26:47  
 Test equipment : SPEC-3000ASpectrometer  
 Operator : L

**CIE Color Parameter**

Chromaticity coordinates:x=0.3688 y=0.3647 u=0.2222 v=0.3296 u<sup>a</sup>=0.2222 v<sup>a</sup>=0.4944  
 Color temperature:4252 K (duv=-0.00218) Color difference:SDCM(ANSI/F4500)=5.2 Main Wavelength=483.2 nm Purity: 0.204  
 Peak wavelength:λp=449.1 FWHM:Δλp=24.9 nm Color ratio:R=0.193 G=0.773 B=0.034

Color rendering index :Ra=83.29 Color Fidelity:Rf=83.51 Color GamutRg=96.42 GAI=95.83  
 R1=82.0 R2=88.9 R3=93.4 R4=82.9 R5=82.4 R6=84.1 R7=86.2 R8=66.4  
 R9=11.1 R10=73.2 R11=81.8 R12=64.9 R13=84.1 R14=96.4 R15=77.0



**Optical Parameter**

Luminous flux: 2991.99 lm  
 Energy efficiency index(EEI): 133.268  
 MOVE=2919.644 MES1=2581.608

luminous efficiency:133.27 lm/w Radiant flux: 9.341 W  
 Energy efficiency class:E (EU 2019/2015) (EU 874)

**Electrical Parameter**

Voltage(V): 37.418 Current(A): 0.6000 Watte(W): 22.451 Power factor: 1.0000

**Test Infomation**

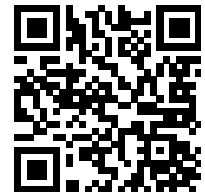
Temperature :25.0Deg C  
 Test range :350-800nm : 1nm  
 Preheat time :0.1(min)

Humidity :65%  
 Peak AD. :49698 (75.8%)  
 Integral time. :1210.06 (ms)

**MEASUREFINE**

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

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



**EPREL registration number:** 2120514

<https://eprel.ec.europa.eu/qr/2120514>

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

**Website:**

**Customer care service:**

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