

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: 16024T

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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	E
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°)	680 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	5,5	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	81
Outer dimensions without separate control gear, lighting control	Height	150	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	150	
	Depth	325	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,366 0,369
Parameters for LED and OLED light sources:			
R9 colour rendering index value	3	Survival factor	0,90
the lumen maintenance factor	0,95		

(a) : not applicable;

(b) : not applicable;

Spectral test report for lamp

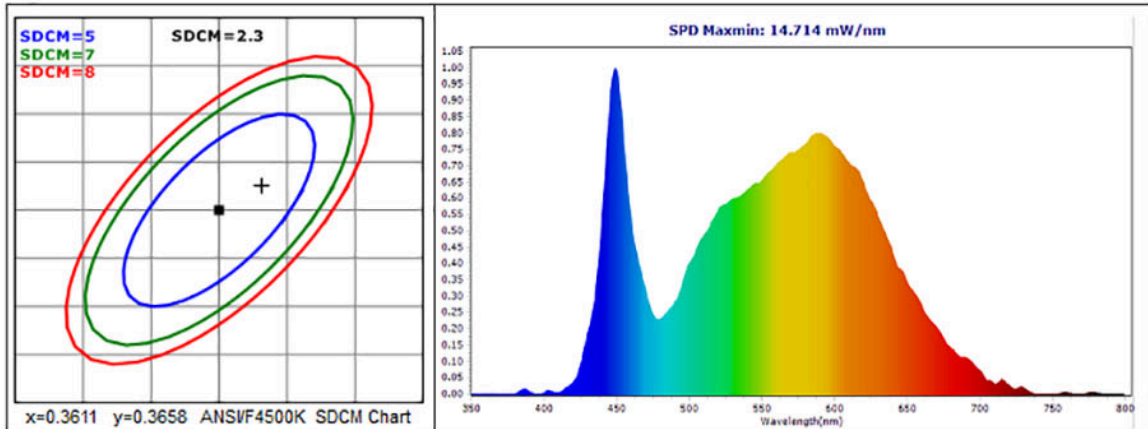
Product type : 16024T
 Product No. :
 Manufacturer :

Test time : 2024/9/6 17:14:35
 Test equipment : SPEC-3000A Spectrometer
 Operator : 张**

CIE Color Parameter

Chromaticity coordinates: $x=0.3660$ $y=0.3691$ $u=0.2186$ $v=0.3307$ $u^a=0.2186$ $v^a=0.4961$
 Color temperature: 4367 K (duv=+0.00087) Color difference: SDCM(ANSI/F4500)=2.3 Main Wl: $\lambda_d=484.3$ nm Purity: 0.207
 Peak wavelength: $\lambda_p=449.0$ FWHM: $\Delta\lambda_p=21.8$ nm Color ratio: R=0.183 G=0.783 B=0.034

Color rendering index : Ra=80.92 Color Fidelity: Rf=82.35 Color Gamut Rg=94.67 GAI=90.8
 R1=78.8 R2=86.8 R3=92.9 R4=80.4 R5=79.2 R6=81.6 R7=85.3 R8=62.2
 R9=-2.9 R10=68.7 R11=79.2 R12=58.8 R13=81.3 R14=96.2 R15=72.4



Optical Parameter

Luminous flux: 681.61 lm
 Energy efficiency index (EEI): 124.200
 MOVE=666.858 MES1=589.517

luminous efficiency: 124.2 lm/W
 Energy efficiency class: E (EU 2019/2015) (EU 874)

Radiant flux: 2.03 W

Electrical Parameter

Voltage(V): 18.30 Current(A): 0.2999 Watte(W): 5.488 Power factor: 1.0000

Test Information

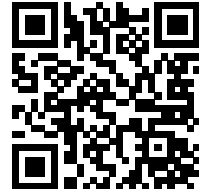
Temperature : Deg C
 Test range : 350-800nm : 1nm
 Preheat time : 0.1(min)

Humidity :
 Peak AD. : 46357 (70.7%)
 Integral time. : 2745.03 (ms)

MEASUREFINE

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

Model placed on the Union market from 01/08/2024



EPREL registration number: 2120524

<https://eprel.ec.europa.eu/qr/2120524>

Supplier: Globo Handels GmbH (Importer)

Website:

Customer care service:

Name: GLOBO Handels GmbH

Website:

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Phone: +43425332050

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