

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: 41745-24

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	NO		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	Yes	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Yes

Product parameters

Parameter	Value	Parameter	Value
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°)	3 200 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	2700...6500
On-mode power (P_{on}), expressed in W	24,0	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	83
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 ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,372 0,372	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	10	Survival factor	1,00	
the lumen maintenance factor	0,96			

(a) : not applicable;

(b) : not applicable;

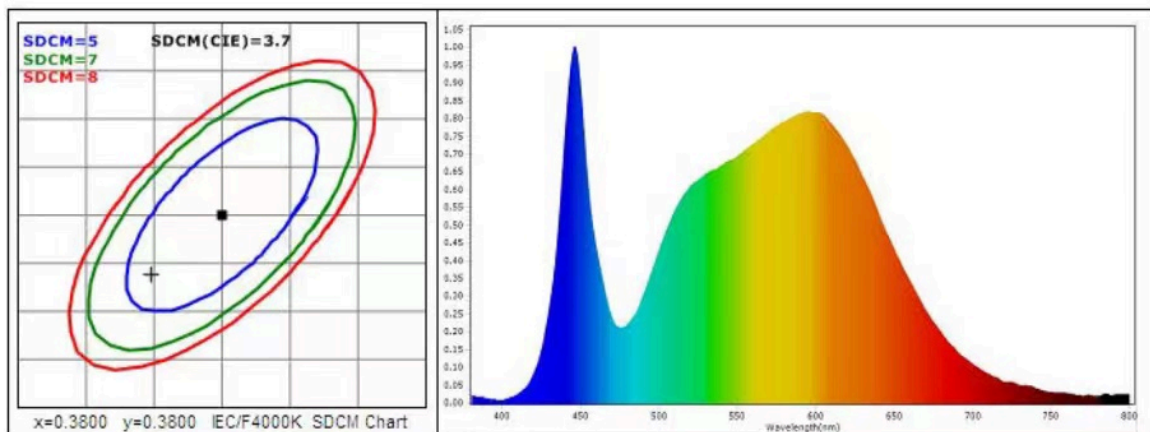
Spectral test report for lamp

Product type : 41745-24
Product No. :
Manufacturer :

Test time : 2021-9-24 9:07:29
Test equipment : SPEC-2000A Spectrometer
Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.3722$ $y=0.3718$ $u=0.2216$ $v=0.3321$ $u^*=0.2216$ $v^*=0.4982$
Color temperature: 4203 K ($duv=+0.00019$) Color difference: SDCM(CIE)=3.7 Main Wavelength: 484.02 nm Purity: 0.192
Peak wavelength: $\lambda_p=445.5$ Centroid wavelength: 559.4 nm FWHM: $\Delta\lambda_p=21.9$ nm Color ratio: R=0.191 G=0.777 B=0.032
Color rendering index: Ra=82.94 Color Fidelity: Rf=83.86 Color Gamut: Rg=97.21
R1=79.3 R2=84.7 R3=89.9 R4=87.8 R5=86.4 R6=85.8 R7=84.5 R8=64.7
R9=10.1 R10=66.2 R11=87.7 R12=68.5 R13=79.8 R14=94.5 R15=73.2



Optical Parameter

Luminous flux: 2500.08 lm luminous efficiency: 95.83 lm/w Radiant flux: 7.771 W
Energy efficiency index (EEI): 0.142 Energy efficiency class: A+ (EU 874/2012)
Mesopic vision flux (lm): USP=4001.892 MOVE=2414.423 MES1=2138.139 MES2=2134.121

Electrical Parameter

Voltage(V): 230.89 Current(A): 0.1280 Watte(W): 26.090 Power factor: 0.9360

Test Information

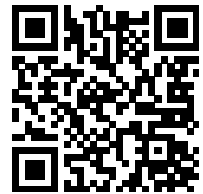
Temperature : Deg C
Test range : 380-800nm : 1nm
Preheat time : 10(min)

Humidity :
Peak AD. : 49328 (75.3%)
Integral time. : 61.03 (ms)

MEASUREFINE

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

Model placed on the Union market from 05/02/2020



EPREL registration number: 1634150

<https://eprel.ec.europa.eu/qr/1634150>

Supplier: Globo Handels GmbH (Importer)

Website:

Customer care service:

Name: GLOBO Handels GmbH

Website:

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Phone: +43425332050

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