

# 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:** 41745-48

## 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
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	48	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°)	5 540 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	50,9	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,00
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	17	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	500	
	Depth	150	
			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)	0,377 0,373
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	13	Survival factor	1,00
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;

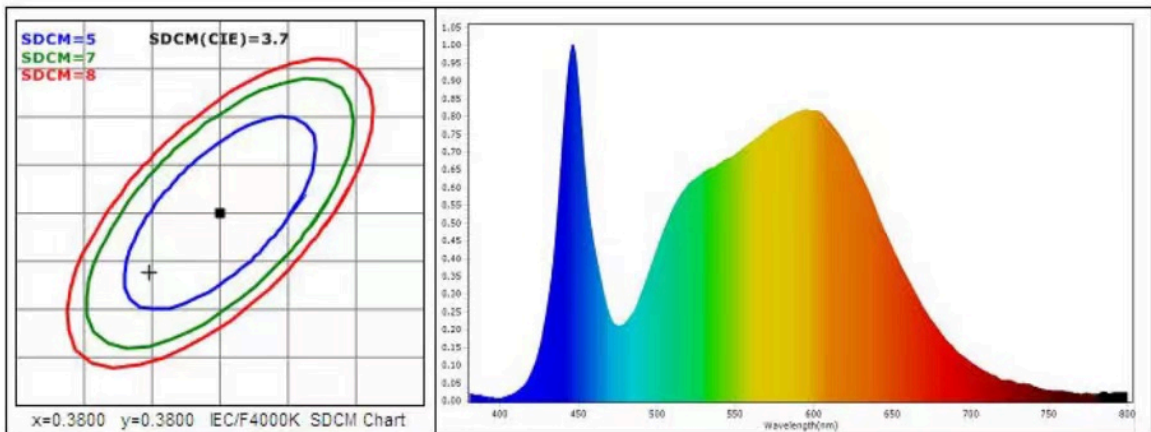
**Spectral test report for lamp**

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:  $x=0.3722$   $y=0.3718$   $u=0.2216$   $v=0.3321$   $u^a=0.2216$   $v^a=0.4982$   
 Color temperature: 4203 K (duv=+0.00019) Color difference: SDCM(CIE)=3.7 Main Wl:  $\lambda_d=484.02$  nm Purity: 0.192  
 Peak wavelength:  $\lambda_p=445.5$  nm 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)  
 Mesoptic 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

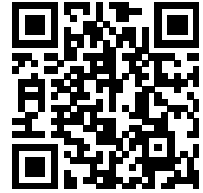
**Test Infomation**

Temperature : Deg C Humidity :  
 Test range : 380-800nm : 1nm Peak AD. : 49328 (75.3%)  
 Preheat time : 10(min) 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:** 1634151

<https://eprel.ec.europa.eu/qr/1634151>

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

**Website:**

**Customer care service:**

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