

# 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:** 41786-42

## 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:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	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	42	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°)	5 250 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	2 700 or 4 000 or 6 000
On-mode power ( $P_{on}$ ), expressed in W	42,0	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	80
Outer dimensions without separate control gear, lighting control	Height	500	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	10	
	Depth	8	
			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)	0,440 0,367
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	12	Survival factor	0,90
the lumen maintenance factor	0,96		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,90	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	1,0	Stroboscopic effect metric (SVM)	0,4

(a)-: not applicable;

(b)-: not applicable;

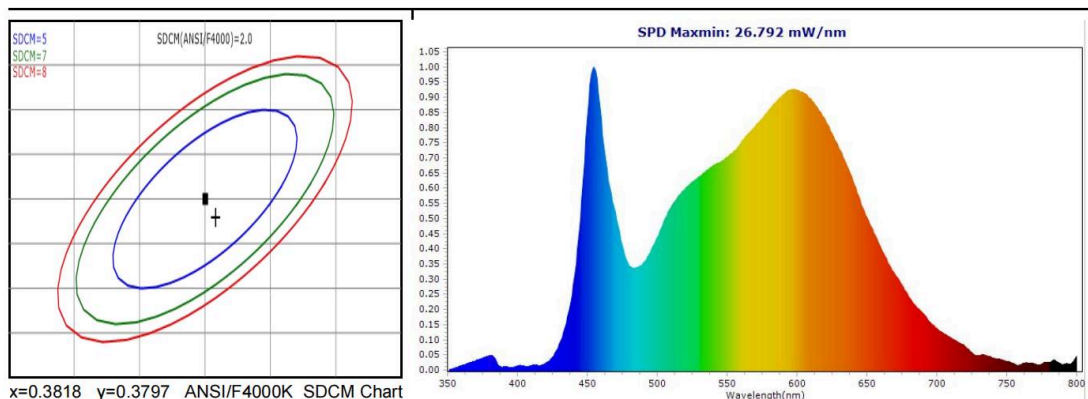
### Spectral test report for lamp

Product type : Test time : 2025/07/10 13:51:02  
 Product No. : Test equipment : SPEC-3000A Spectrometer  
 Manufacturer : Operator :

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3831$   $y=0.3769$   $u=0.2268$   $v=0.3347$   $u^*=0.2268$   $v^*=0.5021$   
 Color temperature: 3934 K (duv=-0.00068) Color difference: SDCM(ANSI/F4000)=2.0 Main Wl:  $\lambda_d=484.3$  nm Purity:  
 Peak wavelength:  $\lambda_p=453.7$  FWHM:  $\Delta\lambda_p=26.0$  nm Color ratio: R=0.205 G=0.758 B=0.037

Color rendering index : Ra=85.74 Color Fidelity: Rf=85.57 Color Gamut: Rg=95.33 GAI=94.3  
 R1=83.2 R2=91.7 R3=98.2 R4=87.1 R5=87.6 R6=89.9 R7=83.3 R8=64.6  
 R9=18.4 R10=80.9 R11=86.5 R12=66.4 R13=85.5 R14=99.4 R15=76.8



### Optical Parameter

Luminous flux: 5250.36 lm luminous efficiency: 125.36 lm/w Radiant flux: 4.405 W  
 Energy efficiency index(EI): 61.379 Energy efficiency class: G (EU 2019/2015) (EU 87)  
 MES1=1210.878

### Electrical Parameter

Voltage(V): 219.31 Current(A): 0.1105 Watte(W): 41.880 Power factor: 0.9438

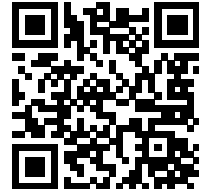
### Test Infomation

Temperature : 25.0 Deg C Humidity : 65%  
 Test range : 350-800nm : 1nm Peak AD. : 34740 (53.0%)  
 Preheat time : 0(min) Integral time. : 544.01 (ms)

### MEASUREFINE

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

Model placed on the Union market from 20/03/2025



**EPREL registration number:** 2428087

<https://eprel.ec.europa.eu/qr/2428087>

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

**Website:**

**Customer care service:**

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