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: 48475S

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	connection by soldering		
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:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	40	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	5 300 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	3 000
On-mode power (P_{on}), expressed in W	40,0	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	490	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	490		
Depth	55		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,440 0,403
Parameters for LED and OLED light sources:				
R9 colour rendering index value		13	Survival factor	0,90
the lumen maintenance factor		0,95		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,96	Colour consistency in McAdam ellipses	1
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)		0,1	Stroboscopic effect metric (SVM)	0,1

(a) '-' : not applicable;

(b) '-' : not applicable;

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Lightsource Test Report

Product Infomation

Product Type: 48475S　　Product Number: 154

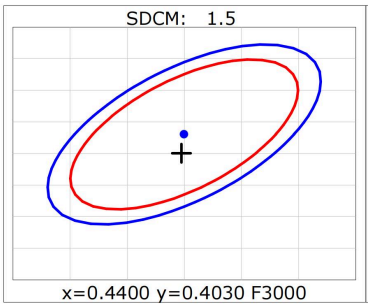
CIE Colorimetric Parameters

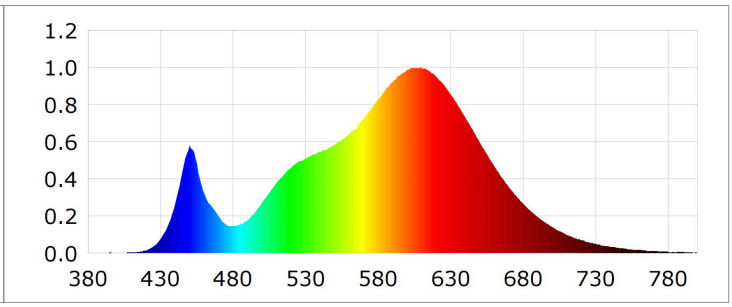
Chromaticity coordinates: x=0.4398 y=0.4000　u(u')=0.2542 v=0.3468 v'=0.5202
CCT: Tc=2920K (duv=-0.00199)　　Color Ratio: R=0.239 G=0.739 B=0.022
Peak Wavelength: 609.0nm　　Half Bandwidth: 129.3nm
Dominant Wavelength: 583.9nm　　Color Purity: 0.521
Central Wave: 592.7nm　　Gravity Wave: 598.2nm
CRI: Ra= 83.9　　TM30: Rf= 84, Rg= 99
GAI: GAI_BB_8=101.6, GAI_BB_15=107.7, GAI_EES=56.1

R1 =83	R2 =91	R3 =97	R4 =83	R5 =83	R6 =90	R7 =83	R8 =61
R9 =13	R10=79	R11=83	R12=72	R13=85	R14=98	R15=76	

Color Quality Scale: Qa= 82.4, Qf= 83.3, Qp= 85.9, Qg= 94.6

Q1 =78	Q2 =96	Q3 =81	Q4 =80	Q5 =84	Q6 =84	Q7 =82	Q8 =85
Q9 =96	Q10=88	Q11=86	Q12=84	Q13=83	Q14=74	Q15=75	





Photometric Parameters

Luminous Flux: 5307.3 lm　　Efficiency: 133.99 lm/W　　Radiant Power: 16.149 W
Total mains efficacy: 133.99 lm/W　　Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.00V　　Current: 0.1770A　　Power: 39.61W
Power Factor: 0.9730　　Frequency: 50.00Hz

Test Infomation
Scan Range: 380~800:1nm　　Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec　ALC.: 1.0000　　Photometric Condition: Sphere diameter: 1.50m, 4π
Max of Signal: 44008 (4242)　　CCD Integration Time: 172.25 ms

Condition: Tx:31.8'C, Ti:29.0'C, R.H.:60%　　Test Device: CMS-2S (Plus)
Test Lab:　　Test Time: 2025-05-23 10:23:40
Operator:　　Inspector:

Model placed on the Union market from 11/09/2025.

EPREL registration number: 2468555

https://eprel.ec.europa.eu/qr/2468555

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

Customer care service:

Name: GLOBO Handels GmbH **Website:**

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