

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: switchboard, Gewerbestrasse , AT

Model identifier: 41764-24/41765-24/41766-24

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	connecting lead		
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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	22	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°)	2 300 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 or 4 500 or 6 000
On-mode power (P_{on}), expressed in W	21,5	Standby power (P_{sb}), expressed in W and rounded to the second decimal	-
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	25	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	181	
	Depth	181	
			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)	0,433 0,403
Parameters for LED and OLED light sources:			
R9 colour rendering index value	1	Survival factor	0,90
the lumen maintenance factor	0,96		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,80	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)	0,1	Stroboscopic effect metric (SVM)	0,1

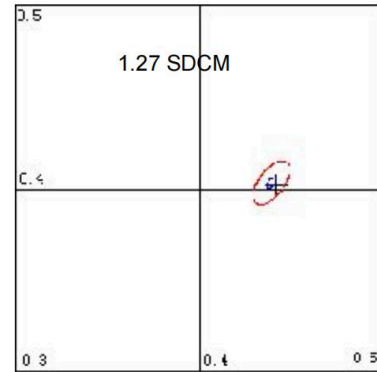
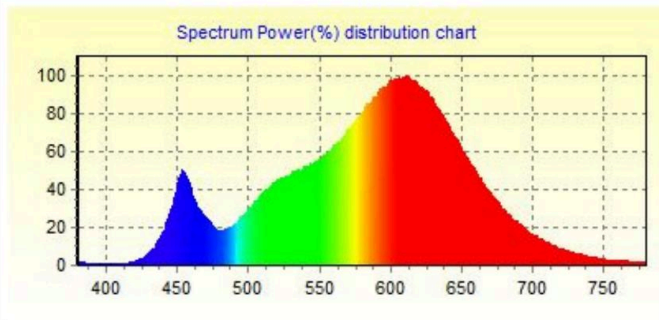
(a)-: not applicable;

(b)-: not applicable;

LED Integrated Testing System test report

test item:	LED spectrum analyse		
equipment:	Led test system		
Test Identifier	Mode: 41764-24/41765-24/41766-24 3000K	Manufacturer:	
	Temperature: 25 ° C	Humidity:	65 %
	Conner:	Date:	2021-11-22
	Organ:		

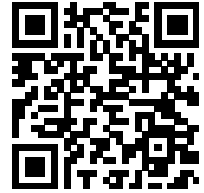
curve of spectrum power distributing



Spectrum		Electrical			
λ (Peak):	611.1 nm	I(test):	208.000 mA		
λ (Main):	584.0 nm	Vf:	217.800 V		
λ (Centroid):	558.8 nm	ϕ_v :	2632.4 lm		
λ (Center):	515.0 nm	Efficiency:	113.956 lm/w		
BandWidth:	123.0 nm	P:	23.1 W		
ColorTemp:	2988 K	PFC:	0.509		
CIE(x, y):	0.4425, 0.4014	R1:85.8	R2:94.0	R3:95.8	
CIE(u, v):	0.2554, 0.3474	R4:84.4	R5:85.7	R6:93.4	
Ra:	85.9	R7:83.8	R8:63.9	R9:20.6	
Purity:	0.533	R10:85.9	R11:75.1	R12:76.2	
Light Power:	10262.6435 mw	R13:87.8	R14:98.7	R15:78.5	
Radiation Power:	0.0000 mw	color ratio:	R: 46.4 % G: 39.9 % B: 13.7 %		

Remark:

Model placed on the Union market from 10/01/2022



EPREL registration number: 1119102

<https://eprel.ec.europa.eu/qr/1119102>

Supplier: Globo Handels GmbH (Importer)

Website:

Customer care service:

Name: switchboard

Website:

Email: office@globo-lighting.com

Phone: 0043 4253 32050

Address:

Gewerbestrasse

Austria