

# 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:** 48468-32

## 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:	NMLS	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	32	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°)	3 900 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 6 500
On-mode power ( $P_{on}$ ), expressed in W	32,0	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,30
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 <sup>(a)</sup>	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,465 0,414	
<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			

(a) : not applicable;

(b) : not applicable;

## 1862LED-X-15W2724-CI45031R90-YML600 Lightsource Test Report

### Product Information

Product Type: 48468-32

Product Number: 4

Product Spec: 2700K 100%亮度

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4611$   $y=0.4143$   $u(u')=0.2616$   $v=0.3526$   $v'=0.5290$

CCT:  $T_c=2712K$  ( $duv=0.00127$ )

Peak Wavelength: 605.9nm

Dominant Wavelength: 583.7nm

CRI:  $R_a=83.4$

Color Ratio:  $R=0.251$   $G=0.724$   $B=0.024$

Half Bandwidth: 116.7nm

Color Purity: 0.628

TM30:  $R_f=85$ ,  $R_g=93$

$R_1=82$

$R_2=93$

$R_3=94$

$R_4=81$

$R_5=83$

$R_6=94$

$R_7=81$

$R_8=59$

$R_9=12$

$R_{10}=85$

$R_{11}=81$

$R_{12}=77$

$R_{13}=85$

$R_{14}=98$

$R_{15}=74$

Color Quality Scale:  $Q_a=84.0$ ,  $Q_f=86.6$ ,  $Q_p=83.9$ ,  $Q_g=88.2$

$Q_1=79$

$Q_2=93$

$Q_3=88$

$Q_4=83$

$Q_5=84$

$Q_6=84$

$Q_7=85$

$Q_8=88$

$Q_9=94$

$Q_{10}=93$

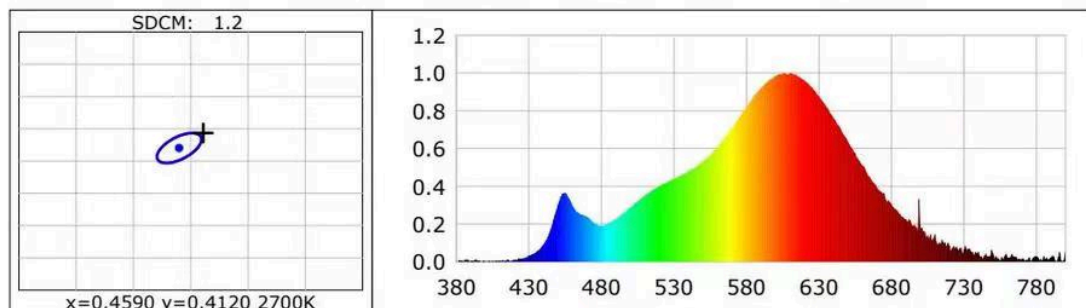
$Q_{11}=90$

$Q_{12}=87$

$Q_{13}=84$

$Q_{14}=73$

$Q_{15}=75$



### Photometric Parameters

Luminous Flux: 1869.85 lm

EEI: 0.24

Efficiency: 57.59 lm/W

Energy Efficiency Class: A (EU 874-2012)

Radiant Power: 5.781 W

### Electric Parameters

Voltage: 231.20V

Power Factor: 0.9500

Current: 0.1480A

Frequency: 49.99Hz

Power: 32.47W

### Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Sec

Max of Signal: 44052 (4868)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.75m, 4 $\pi$

CCD Integration Time: 2282.58 ms

Condition:  $T_x:34.2^{\circ}C$ ,  $T_i:29.3^{\circ}C$ , R.H.:60%

Test Lab:

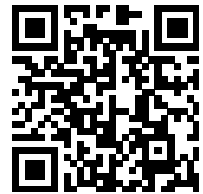
Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2024-09-03 13:49:54

Inspector:

Model placed on the Union market from 03/09/2024



**EPREL registration number:** 2138287

<https://eprel.ec.europa.eu/qr/2138287>

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

**Website:**

**Customer care service:**

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