

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: 15743-3RZ

Type of light source:

| | | | |
|---|-----|---------------------------------|------|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | SMD | | |
| 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 | 34 | 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°) | 3 600 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 | 33,8 | 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 | 88 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 88 | |
| | Depth | 2 | |
| | | | 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) | 0,315 0,337 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 8 | Survival factor | 0,95 |
| the lumen maintenance factor | 0,89 | | |
| Parameters for LED and OLED mains light sources: | | | |
| displacement factor (cos ϕ_1) | 0,85 | 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) | 0,0 | Stroboscopic effect metric (SVM) | 0,1 |

(a)-: not applicable;

(b)-: not applicable;

光源光色电测试报告

产品信息

产品种类: 玻璃吊灯 (三吊)
产品规格: 整灯(裸灯)

产品型号: 15743
产品编号: 1

色度参数

色品坐标: $x=0.4664$ $y=0.4183$ $u(u')=0.2633$ $v=0.3542$ $v'=0.5312$

相关色温: $T_c=2670K$ ($duv=0.00228$)

色比: $R=0.254$ $G=0.726$ $B=0.020$

峰值波长: 610.7nm 半宽度: 114.7nm

主波长: 583.7nm 色纯度: 0.656

中心波长: 602.3nm

重心波长: 605.2nm

显色指数: $R_a=83.1$

TM30: $R_f=86$, $R_g=95$

全色域指数: $GAI_BB_8=84.9$, $GAI_BB_15=92.0$, $GAI_EES=40.4$

$R1=81$

$R2=91$

$R3=97$

$R4=82$

$R5=82$

$R6=91$

$R7=82$

$R8=58$

$R9=8$

$R10=80$

$R11=83$

$R12=76$

$R13=83$

$R14=99$

$R15=73$

TLCI=68

颜色质量量表: $Q_a=83.6$, $Q_f=86.4$, $Q_p=83.6$, $Q_g=88.4$

$Q1=77$

$Q2=93$

$Q3=87$

$Q4=85$

$Q5=85$

$Q6=85$

$Q7=85$

$Q8=88$

$Q9=94$

$Q10=92$

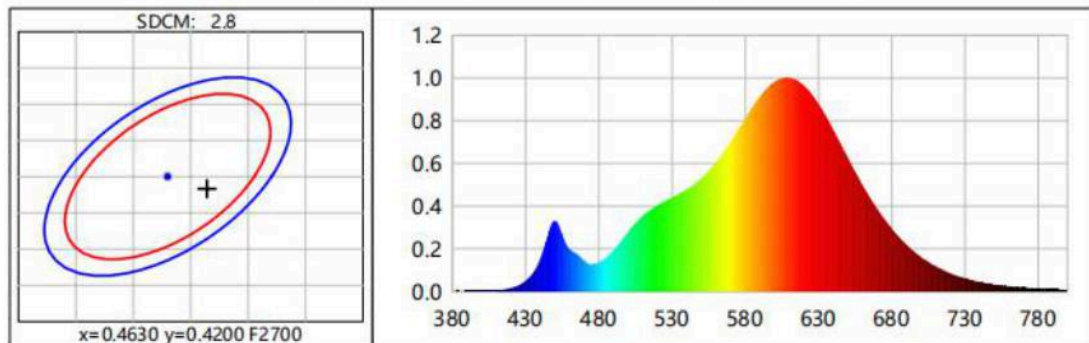
$Q11=89$

$Q12=86$

$Q13=84$

$Q14=72$

$Q15=74$



光度参数

光通量: 3413.7 lm

光效: 100.26 lm/W

光辐射功率: 10.419 W

总功效: 100.26 lm/W

能效等级: F (EU 2019/2015)

黑色素通量: 1.771 W M/P比率: 0.4316 黑色素等效日光效率: 0.3927

电参数

电压: 220.10V

电流: 0.1620A

功率: 34.05W

功率因数: 0.9550

频率: 59.99Hz

测试信息

扫描范围: 380~800:1nm

稳定时间: 0 Min 辅助灯修正系数: 1.0000

信号最大值: 45782 (2501)

光度测量方法: sphere-spectroradiometer

光度测量条件: Sphere diameter: 1.50m, 4

积分时间: 58.94 ms

测试环境: $T_x=28.3^{\circ}C$, $T_i=28.2^{\circ}C$, R.H.:60%

测试单位:

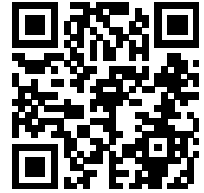
测试员:

测试设备: CMS-2S (Plus)

测试时间: 2025-04-19 15:21:12

核 验:

Model placed on the Union market from 20/08/2025



EPREL registration number: 2445885

<https://eprel.ec.europa.eu/qr/2445885>

Supplier: Globo Handels GmbH (Importer)

Website:

Customer care service:

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