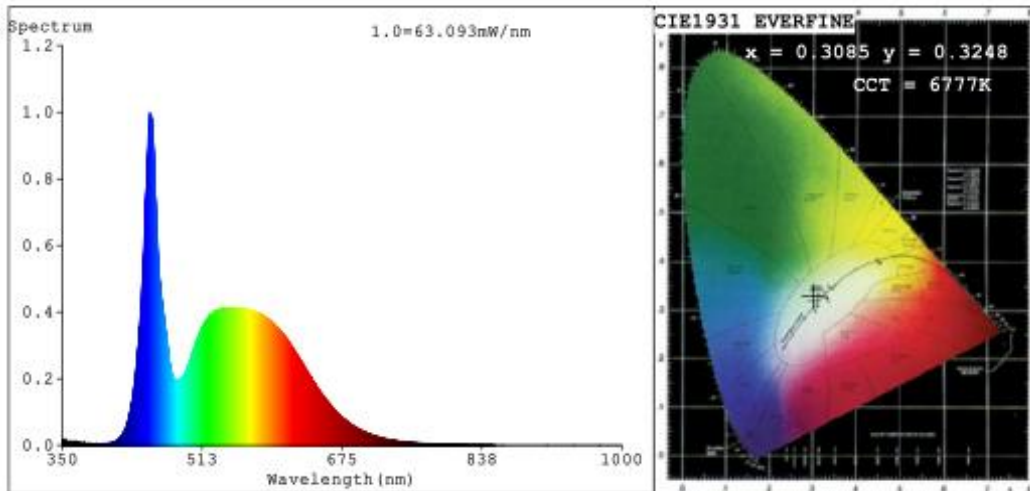


| Product Information Sheet: | | | |
|---|--|---|-------------------------------|
| Commission Delegated Regulation (EU) 2019/2015 with regard to labelling of Light Sources | | | |
| The Ecodesign for Energy-Related Products and Energy Information (lighting Products) Regulation 2021, Schedule 8 | | | |
| Supplier's name or trade mark: | | Centauri Lamps | |
| Supplier's address: | Centauri House, Hillbottom Rd, High Wycombe, Buckinghamshire HP12 4HQ | | |
| Model identifier: | PAR56LED12V16WWFLCE | | |
| Type of light source: | PAR56 LED 16W | | |
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| Light source cap-type: (or other electric interface) | Pressure Screw Terminal | | |
| Mains or non-mains: | NMLS | Connected lightsource (CLS): | No |
| Colour-tuneable light source: | No | Envelope: | |
| High luminance light source: | No | | |
| Anti-glare shield: | No | Dimmable: | No |
| General Product Parameters | | | |
| Energy consumption in on-mode (kWh/1,000 h) rounded up to the nearest integer | 15 | Energy efficiency class | |
| 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°) | 1500 | Correlated colour temperature, rounded to the nearest 100K, or the range of correlated colour temperatures, rounded to the nearest 100K that can be set | 6500 |
| On-mode power (P_{on}), expressed in W | 15 | Standby power(P_{sb}), expressed in W and rounded to the second decimal point | 0.00 |
| Networked standby power(P_{net}) for CLS, expressed inW and rounded to the second decimal point | 0.00 | 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 parts and non-lighting control parts, if any (millimetre) | 178.58max | Spectral power distribution in the range 250 nm to 800 nm, at full-load | See Image on Last Page |
| | 178.58max | | |
| | 119.38max | | |
| Claim of equivalent power (see para [2(1) and (2)]) | | If yes, equivalent power (W) | |
| | | Chromaticity coordinates (x and y) | x=0.3091,y=0.3201 |
| Parameters For Directional Light Sources | | | |
| Peak luminous intensity (cd) | 600 | Beam angle in degrees, or the range of beam angles that can be set | 100 |

| Parameters For LED and OLED light Sources | | | |
|--|-----|-----------------|------|
| R9 Colour Rendering Index value | 10 | Survival Factor | 0.95 |
| The Lumen Maintainance Factor | 90% | | |

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3085$ $y=0.3248$ / $u'=0.1965$ $v'=0.4654$
 CCT=6777K(Duv=0.0032) Dominant WL:Ld =487.2nm Purity=9.0%
 Ratio:R=13.2% G=81.2% B=5.6% Peak WL:Lp=451.8nm FWHM=20.3nm
 Render Index:Ra=83.2 AvgR=75.9
 R1 =82 R2 =88 R3 =89 R4 =83 R5 =82 R6 =82 R7 =89
 R8 =72 R9 =12 R10=69 R11=82 R12=54 R13=84 R14=94 R15=78

Photo Parameters:

Flux = 1678 lm Eff. : 109.27 lm/W Fe = 5.500 W

Electrical parameters:

V = 12.000 V I = 1.693 A P = 15.36 W PF = 0.7560

LEVEL:OUT

Status: Integral T = 684 ms Ip = 51600 (79%)

Model:12V 16W 6500K
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:1
 Date:2023-01-29 13:36:26
 Humidity:65.0%
 Remarks:---