

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: ANTIDARK

Supplier's address: Antidark Aps, damgårdvej 2, 5500 Middelfart , DK

Model identifier: 2-512-30-1

Type of light source:

| | | | |
|---|-----------|---------------------------------|-----|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | 500mA/28V | | |
| Mains or non-mains: | MLS | Connected light source (CLS): | No |
| Colour-tuneable light source: | No | Envelope: | - |
| High luminance light source: | No | | |
| Anti-glare shield: | Yes | Dimmable: | Yes |

Product parameters

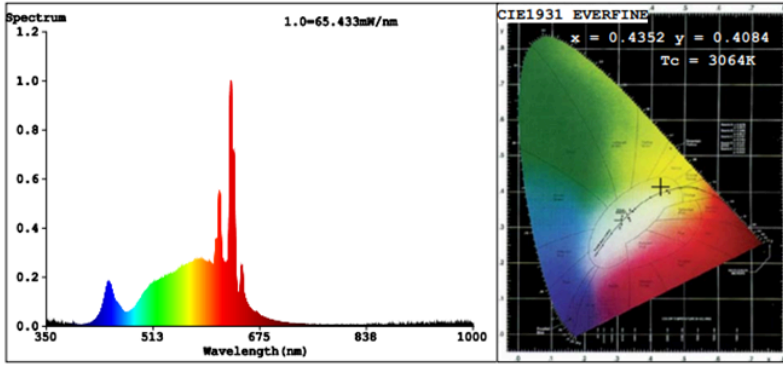
| Parameter | Value | Parameter | Value |
|--|---------------------------|--|---|
| General product parameters: | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 14 | Energy efficiency class | E |
| Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 1 499 in Wide cone (120°) | 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 | 13,3 | 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 | 90 |
| Outer dimensions without separate control gear, lighting control | Height | 68 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 260 | |
| | Depth | 260 | |
| | | | 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) | 0,435 0,408 |
| Parameters for directional light sources: | | | |
| Peak luminous intensity (cd) | 510 | Beam angle in degrees, or the range of beam angles that can be set | 113 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 64 | Survival factor | 1,00 |
| the lumen maintenance factor | 0,96 | | |
| Parameters for LED and OLED mains light sources: | | | |
| displacement factor (cos ϕ_1) | 0,00 | Colour consistency in McAdam ellipses | 3 |
| 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) | 1,0 | Stroboscopic effect metric (SVM) | 0,4 |

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4352$ $y=0.4084/u'=0.2476$ $v'=0.5228$

$T_c=3064K$ (Duv=0.0019) Dominant WL:Ld =581.9nm Purity=53.2%

Red Ratio:R=25.6% Peak WL:Lp=631.2nm HWL:Lhd=7.7nm

Render Index:Ra=93.0

R1 =94 R2 =94 R3 =93 R4 =95 R5 =93 R6 =94 R7 =94

R8 =86 R9 =64 R10=85 R11=96 R12=83 R13=93 R14=95 R15=90

Photo Parameters:

Flux = 1101 lm Eff. : 83.52 lm/W Fe = 3.243 W

Electrical parameters:

V = 26.38 V I = 0.4996 A P = 13.18 W PF = 1.000

Model placed on the Union market from 06/09/2024



EPREL registration number: 2167432

<https://eprel.ec.europa.eu/qr/2167432>

Supplier: Antidark Aps (Importer)

Website: www.antidark.dk

Customer care service:

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