

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: 2-281-01

Type of light source:

| | | | |
|---|------|---------------------------------|-----|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| 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: | Yes | Dimmable: | Yes |

Product parameters

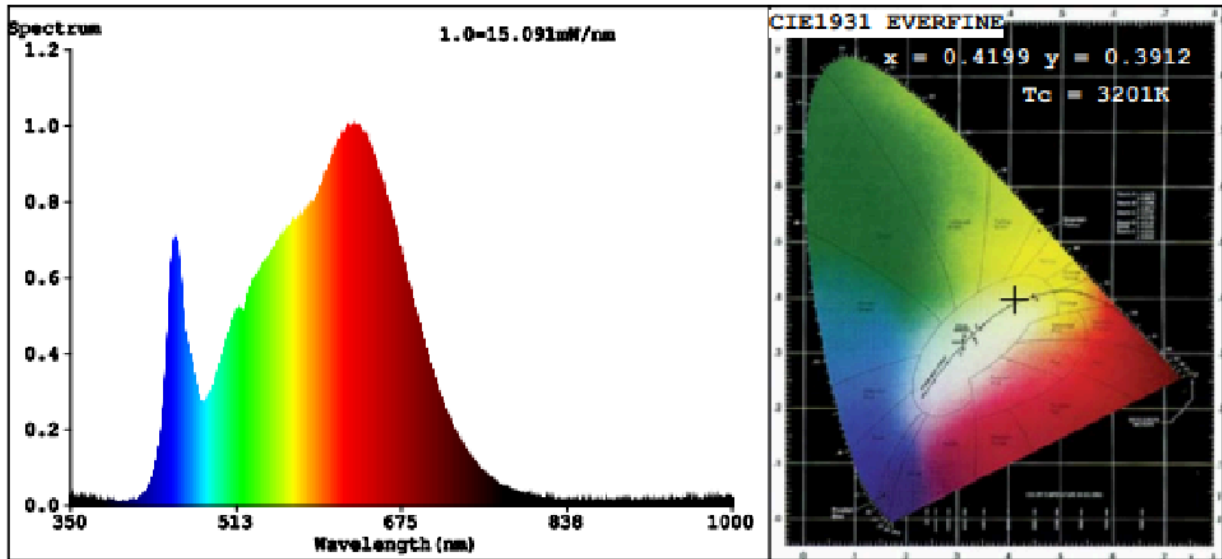
| Parameter | Value | Parameter | Value |
|--|----------------------|--|---|
| General product parameters: | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 10 | Energy efficiency class | F |
| Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 868 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 | 1800...3000 |
| On-mode power (P_{on}), expressed in W | 9,7 | 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 | 135 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 135 | |
| | Depth | 135 | |
| | | | 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) | 0,419 0,391 |
| Parameters for directional light sources: | | | |
| Peak luminous intensity (cd) | 85 | Beam angle in degrees, or the range of beam angles that can be set | 45 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 90 | Survival factor | 1,00 |
| the lumen maintenance factor | 0,96 | | |

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4199$ $y=0.3912/u'=0.2450$ $v'=0.5136$

$T_c=3201K(Duv=-0.0027)$ Dominant WL: $L_d = 583.1nm$ Purity=43.4%

Red Ratio: $R=25.2\%$ Peak WL: $L_p=628.3nm$ HWL: $L_{hd}=178.2nm$

Render Index: $R_a=96.2$

R1 -98 R2 -98 R3 -96 R4 -96 R5 -97 R6 -96 R7 -96

R8 -93 R9 -83 R10-94 R11-96 R12-80 R13-98 R14-97 R15-97

Photo Parameters:

Flux = 760.1 lm Eff. : 78.68 lm/W $P_e = 2.816 W$

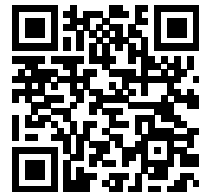
Electrical parameters:

$V = 38.56 V$ $I = 0.2505 A$ $P = 9.660 W$ PF = 1.000

LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 60 ms $I_p = 54294 (83\%)$

Model placed on the Union market from 20/06/2023



EPREL registration number: 1627437

<https://eprel.ec.europa.eu/qr/1627437>

Supplier: Antidark Aps (Manufacturer)

Website: www.antidark.dk

Customer care service:

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