

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: 2-216-01-2

Type of light source:

| | | | |
|---|------------|---------------------------------|----------------------------|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | Integrated | | |
| 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: | Only with specific dimmers |

Product parameters

| Parameter | Value | Parameter | Value |
|-----------|-------|-----------|-------|
|-----------|-------|-----------|-------|

General product parameters:

| | | | |
|--|--------------------------|--|---|
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 7 | 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°) | 595 in Narrow cone (90°) | 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 |
| On-mode power (P_{on}), expressed in W | 6,5 | 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 | 80 |
| Outer dimensions without separate control gear, light- | Height | 120 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 120 | |
| | Depth | 80 | |
| | | | See image in last page |

| | | | |
|---|-------------------|--|----------------|
| ing control parts and non-lighting control parts, if any (millimetre) | | | |
| Claim of equivalent power ^(a) | - | If yes, equivalent power (W) | - |
| | | Chromaticity coordinates (x and y) | 0,457 0,411 |
| Parameters for directional light sources: | | | |
| Peak luminous intensity (cd) | 226 | 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 | 10 | Survival factor | 1,00 |
| the lumen maintenance factor | 0,96 | | |
| Parameters for LED and OLED mains light sources: | | | |
| displacement factor (cos ϕ_1) | 1,00 | 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;



Color Parameters:

Chromaticity Coordinate: $x=0.4570$ $y=0.4117/u'=0.2602$ $v'=0.5273$
 $T_c=2749K$ (Duv=0.0006) Dominant WL: $L_d = 583.8nm$ Purity=60.7%
 Red Ratio: $R=26.6\%$ Peak WL: $I_p=612.5nm$ HWL: $L_{hd}=118.6nm$
 Render Index: $R_a=83.2$
 $R1 = 82$ $R2 = 91$ $R3 = 97$ $R4 = 82$ $R5 = 82$ $R6 = 90$ $R7 = 83$
 $R8 = 59$ $R9 = 10$ $R10=80$ $R11=82$ $R12=76$ $R13=84$ $R14=99$ $R15=74$

Photo Parameters:

Flux = 562.5 lm Eff. : 65.71 lm/W Fe = 1.754 W

Electrical parameters:

V = 12.23 V I = 0.7002 A P = 8.560 W PF = 1.000
 LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 65 ms $I_p = 51101$ (78%)