

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: 2-500-20-2

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:	Yes

Product parameters

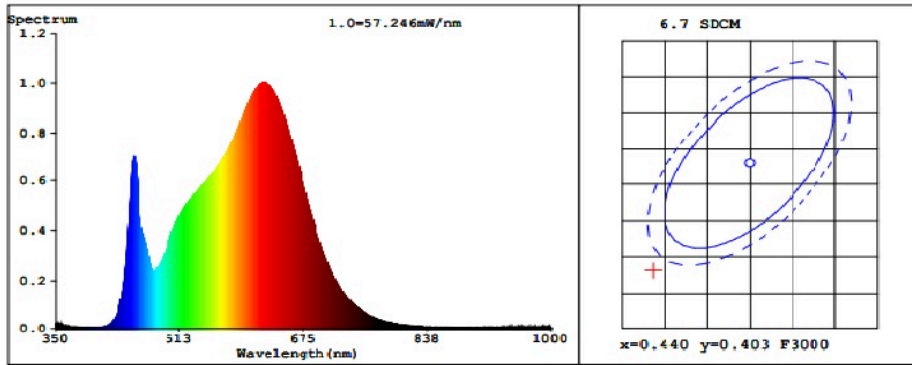
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	45	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 836 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	45,0	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	80	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	1 464	
	Depth	8	
			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)	0,460 0,407
Parameters for directional light sources:			
Peak luminous intensity (cd)	526	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	90	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)	0,5

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4287$ $y=0.3881$ $u'=0.2522$ $v'=0.5137$

$T_c=3009K$ ($Duv=-0.0054$) Dominant WL: $L_d=585.0nm$ Purity= 45.2%

Ratio: $R=25.0\%$ $G=71.8\%$ $B=3.2\%$ Peak WL: $L_p=621.7nm$ FWHM= $160.6nm$

Render Index: $R_a=95.2$

$R1=97$ $R2=99$ $R3=98$ $R4=96$ $R5=97$ $R6=95$ $R7=92$

$R8=87$ $R9=73$ $R10=97$ $R11=96$ $R12=84$ $R13=99$ $R14=99$ $R15=95$

Photo Parameters:

Flux = 2765 lm Eff. : 61.80 lm/W $E_e = 10.00$ W

Electrical parameters:

$V = 219.47$ V $I = 0.2063$ A $P = 44.75$ W PF = 0.9884

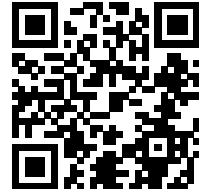
LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 19 ms $I_p = 47342$ (72%)

Model:342150
Tester:hairun
Temperature:25.3Deg
Manufacturer:HAIRUN

Number:01
Date:2021-07-14
Humidity:65.0%
Remarks:

Model placed on the Union market from 27/05/2021



EPREL registration number: 910415

<https://eprel.ec.europa.eu/qr/910415>

Supplier: Antidark Aps (Importer)

Website: www.antidark.dk

Customer care service:

Name: Antidark Aps

Website:

Email: tj@scanstudio.dk

Phone: +4540187474

Address:

damgårdvej 2
5500 Middelfart
Denmark