

# 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:** 2-470-01-2

## 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:	Yes

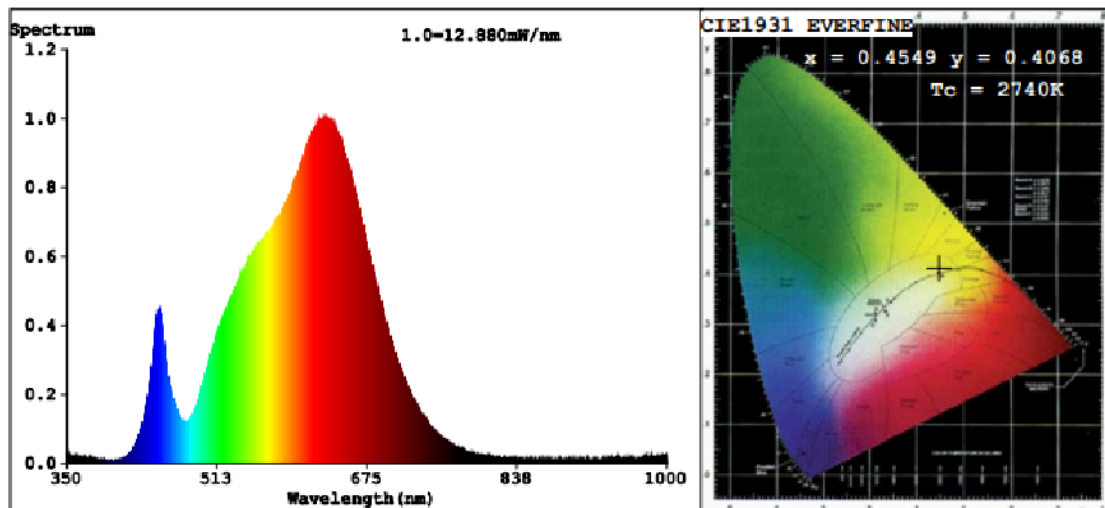
## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	709 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	9,0	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	930	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	850	
	Depth	850	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,459 0,406
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	1 599	Beam angle in degrees, or the range of beam angles that can be set	113
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	72	Survival factor	1,00
the lumen maintenance factor	0,96		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	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:  $x=0.4549$   $y=0.4068$   $u'=0.2610$   $v'=0.5252$

$T_c=2740K$  ( $Duv=-0.0010$ ) Dominant WL:  $L_d = 584.3nm$  Purity=58.7%

Red Ratio:  $R=27.7\%$  Peak WL:  $L_p=628.3nm$  HWL:  $L_{hd}=155.6nm$

Render Index:  $R_a=91.7$

R1 =93	R2 =94	R3 =91	R4 =92	R5 =91	R6 =91	R7 =94	
R8 =87	R9 =69	R10=83	R11=92	R12=77	R13=93	R14=94	R15=91

**Photo Parameters:**

Flux = 583.0 lm Eff. : 66.22 lm/W Fe = 2.135 W

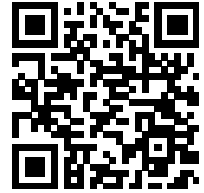
**Electrical parameters:**

V = 17.60 V I = 0.5001 A P = 8.804 W PF = 1.000

LEVEL:OUT WHITE:ANSI\_2700K

Status: Integral T = 67 ms Ip = 51552 (79%)

Model placed on the Union market from 01/09/2020



**EPREL registration number:** 917984

<https://eprel.ec.europa.eu/qr/917984>

**Supplier:** Antidark Aps (Importer)

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