

# 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:** 2-237-18-02

## 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

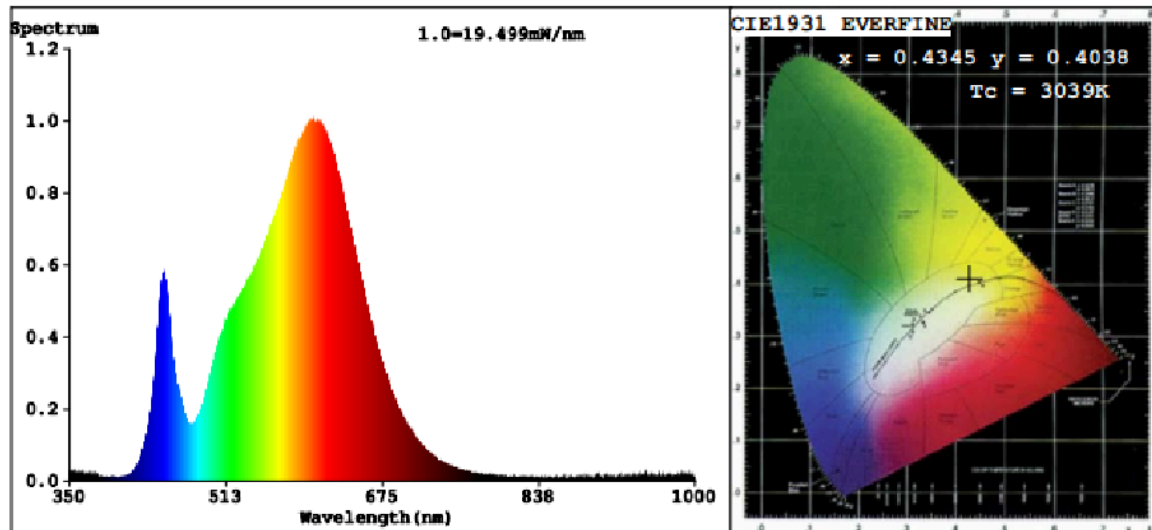
## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	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°)	1 639 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	3 000
On-mode power ( $P_{on}$ ), expressed in W	17,6	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, lighting control	Height	150	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	150	
	Depth	120	
			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)	0,434 0,403
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	1 713	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	9	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)	1,0

(a) '-': not applicable;

(b) '-': not applicable;



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4345$   $y=0.4038$   $u'=-0.2491$   $v'=-0.5209$

$T_c=3039K$  ( $Duv=0.0002$ ) Dominant WL:Ld =582.6nm Purity=51.6%

Red Ratio:R=24.4% Peak WL:Lp=603.3nm HWL:Lhd=133.1nm

Render Index:Ra=82.7

R1 =81	R2 =89	R3 =97	R4 =82	R5 =81	R6 =87	R7 =84	
R8 =61	R9 =9	R10=76	R11=81	R12=70	R13=83	R14=98	R15=74

**Photo Parameters:**

Flux = 964.1 lm Eff. : 54.48 lm/W Fe = 2.953 W

**Electrical parameters:**

V = 35.36 V I = 0.5004 A P = 17.70 W PF = 1.000

LEVEL:OUT WHITE:ANSI\_3000K

Status: Integral T = 40 ms Ip = 50249 (77%)