

# 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:** 2-512-04-1

## 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:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	Yes	Dimmable:	Yes

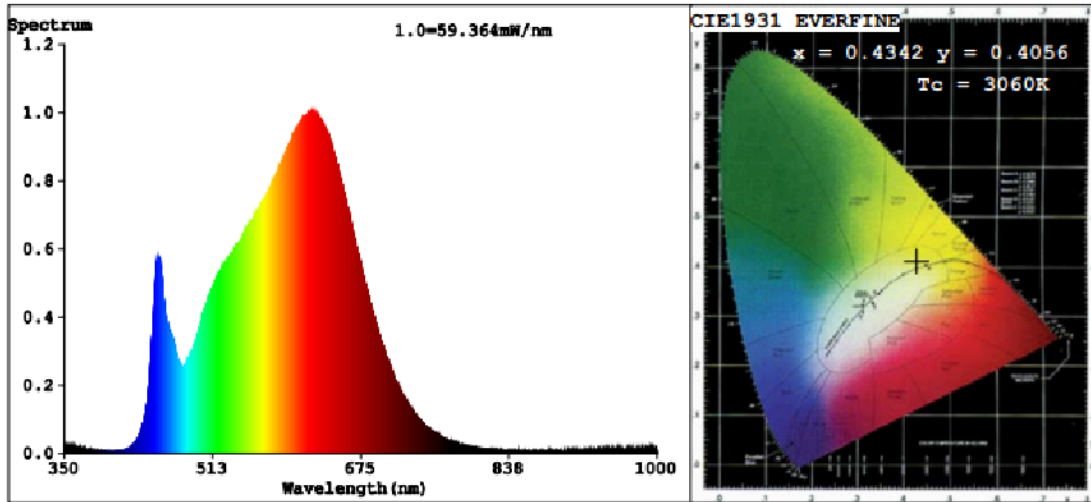
## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	35	Energy efficiency class	E
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°)	3 432 in Wide cone (120°)	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	34,5	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	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	450	
	Depth	450	
			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)	0,432 0,405
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	1 352	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	60	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:  $x=0.4342$   $y=0.4056$   $u'=0.2481$   $v'=0.5216$

$T_c=3060K$  (Duv=0.0010) Dominant WL:  $L_d = 582.2nm$  Purity=52.1%

Red Ratio:  $R=25.5\%$  Peak WL:  $L_p=624.0nm$  HWL:  $L_{hd}=164.2nm$

Render Index:  $R_a=93.1$

R1 -93    R2 -97    R3 -99    R4 -93    R5 -93    R6 -96    R7 -93

R8 -83    R9 -61    R10-91    R11-94    R12-78    R13-94    R14-99    R15-89

**Photo Parameters:**

Flux = 3003 lm    Eff. : 89.47 lm/W     $F_e = 10.38 W$

**Electrical parameters:**

$V = 31.96 V$      $I = 1.050 A$      $P = 33.56 W$     PF = 1.000

LEVEL:OUT    WHITE:ANSI\_3000K

Status: Integral T = 14 ms     $I_p = 51380 (78\%)$

Model: ..

Number:2-512-04-2