

# 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:** 2-281-02

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

## Product parameters

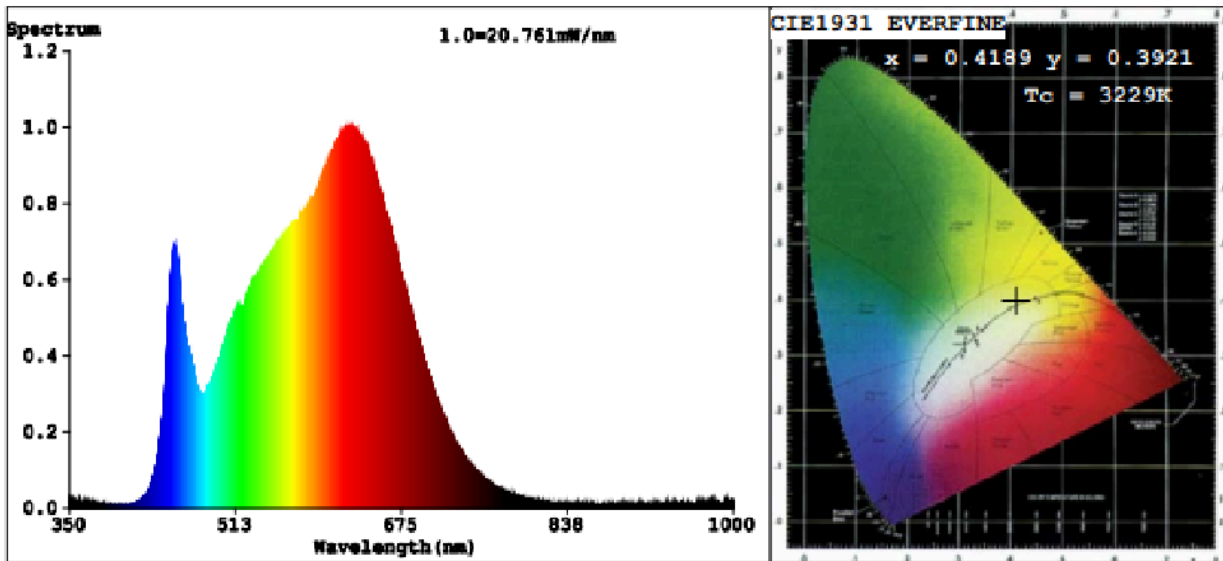
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	23	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 415 in Sphere (360°)	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	1800...3000
On-mode power ( $P_{on}$ ), expressed in W	22,9	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	135	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	290	
	Depth	135	
			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)	0,418 0,392
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	197	Beam angle in degrees, or the range of beam angles that can be set	45
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	90	Survival factor	1,00
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;

# Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.4189$   $y=0.3921$   $u'=0.2440$   $v'=0.5139$

$T_c=3229K$  ( $Duv=-0.0021$ ) Dominant WL:  $L_d=582.7nm$  Purity=43.4%

Red Ratio:  $R=25.0\%$  Peak WL:  $L_p=622.7nm$  HWL:  $L_{hd}=175.1nm$

Render Index:  $R_a=96.2$

R1 =97	R2 =99	R3 =98	R4 =96	R5 =97	R6 =96	R7 =95	
R8 =91	R9 =80	R10=96	R11=96	R12=81	R13=98	R14=98	R15=96

## Photo Parameters:

Flux = 1057 lm Eff. : 45.99 lm/W  $F_e = 3.844 W$

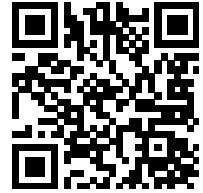
## Electrical parameters:

$V = 221.3 V$   $I = 0.1080 A$   $P = 22.99 W$  PF = 0.9623

LEVEL:OUT WHITE:ANSI\_3500K

Status: Integral T = 38 ms  $I_p = 47993 (73\%)$

Model placed on the Union market from 20/06/2023



**EPREL registration number:** 1627463

<https://eprel.ec.europa.eu/qr/1627463>

**Supplier:** Antidark Aps (Importer)

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