

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: 2-350-04-2

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:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	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°)	310 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	4,8	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	1 110	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	190	
	Depth	350	
			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)	0,457 0,412
Parameters for directional light sources:			
Peak luminous intensity (cd)	718	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	1,00		
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)	1,0

(a) '-': not applicable;

(b) '-': not applicable;

Lightsource Test Report

Product Information

Product Spec: 2-350-04-2
Submitted Unit: 中山市轩玥有限公司

Product Number: 2

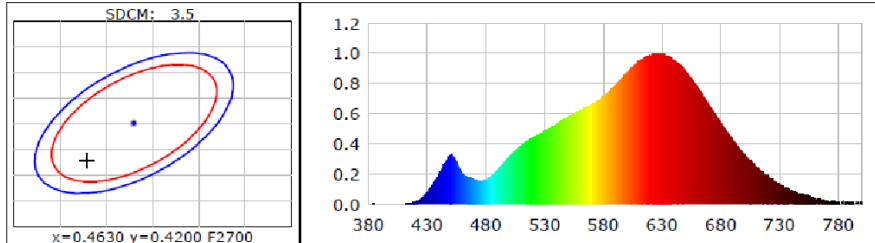
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4579$ $y=0.4127$ $u(u')=0.2603$ $v=0.3519$ $v'=0.5279$
CCT: $T_c=2744K$ ($duv=0.00095$) Color Ratio: R=0.262 G=0.714 B=0.024
Peak Wavelength: 624.2nm Half Bandwidth: 151.3nm
Dominant Wavelength: 583.7nm Color Purity: 0.613
CRI: Ra= 93.8 TM30: Rf= 93, Rg= 100

R1 =94	R2 =96	R3 =97	R4 =95	R5 =94	R6 =96	R7 =93	R8 =85
R9 =65	R10=90	R11=97	R12=87	R13=95	R14=97	R15=90	

Color Quality Scale: Qa= 92.0, Qf= 94.1, Qp= 94.2, Qg= 96.2

Q1 =89	Q2 =96	Q3 =91	Q4 =92	Q5 =93	Q6 =92	Q7 =92	Q8 =94
Q9 =97	Q10=94	Q11=94	Q12=94	Q13=94	Q14=88	Q15=88	



Photometric Parameters

Luminous Flux: 174.88 lm
EEI: 0.25

Efficiency: 33.96 lm/W
Energy Efficiency Class: B (EU 874-2012)

Radiant Power: 0.617 W

Electric Parameters

Voltage: 230.40V
Power Factor: 0.4950

Current: 0.0450A
Frequency: 49.99Hz

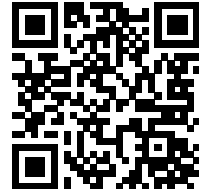
Power: 5.15W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 43179 (2909)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.00m, 4 π
CCD Integration Time: 1000.00 ms

Model placed on the Union market from 04/03/2021



EPREL registration number: 925768

<https://eprel.ec.europa.eu/qr/925768>

Supplier: Antidark Aps (Manufacturer)

Website: www.antidark.dk

Customer care service:

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