

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: Svedbergs i Dalstorp AB

Supplier's address: Kundtjänst, Verkstadsvägen 1, 51463 Dalstorp, SE

Model identifier: 451060

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	NMLS		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

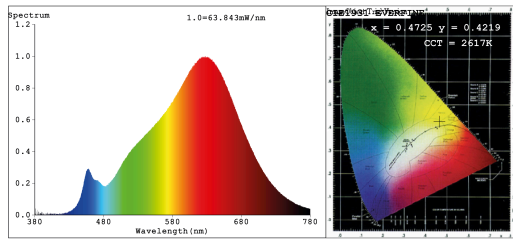
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	33	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	3 278 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	2700...6400
On-mode power (P_{on}), expressed in W	32,4	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	85
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,440 0,403	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	1	Survival factor	0,90	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,00	Colour consistency in McAdam ellipses	0	
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)	0,0	Stroboscopic effect metric (SVM)	0,0	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4725$ $y=0.4219$ $u'=0.2655$ $v'=0.5335$

CCT=2617K(Duv=0.0031) Dominant WL:Ld =583.7nm Purity=68.5%

Ratio:R=27.0% G=70.8% B=2.3% Peak WL:Lp=628.2nm FWHM=147.7nm

Render Index:Ra=93.1

R1 =93 R2 =96 R3 =98 R4 =93 R5 =92 R6 =97 R7 =93

R8 =83 R9 =62 R10=90 R11=94 R12=81 R13=94 R14=98 R15=88

Photo Parameters:

Flux = 2832 lm Eff. : 83.27 lm/W Fe = 10.18 W

Electrical parameters:

V = 12.000 V I = 2.834 A P = 34.01 W PF = 1.000

LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 196 ms Ip = 33012 (50%)

Model:451060-2700K-LED(576PCS)

Tester:ZW

Temperature:25.3Deg

Manufacturer:GB

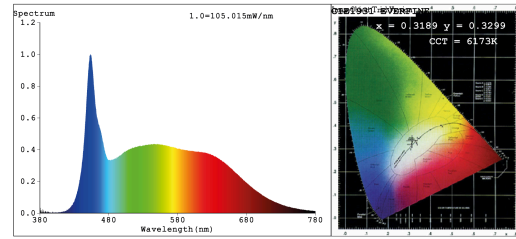
Number:26

Date:2022-03-23

Humidity:65.0%

Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3189$ $y=0.3299$ $u'=0.2018$ $v'=0.4697$

CCT=6173K(Duv=0.0006) Dominant WL:Ld =488.6nm Purity=5.1%

Ratio:R=15.8% G=77.4% B=6.8% Peak WL:Lp=453.6nm FWHM=24.4nm

Render Index:Ra=94.9

R1 =96 R2 =99 R3 =97 R4 =93 R5 =94 R6 =94 R7 =94

R8 =92 R9 =84 R10=96 R11=95 R12=69 R13=99 R14=99 R15=95

Photo Parameters:

Flux = 3122 lm Eff. : 93.12 lm/W Fe = 11.28 W

Electrical parameters:

V = 12.000 V I = 2.794 A P = 33.53 W PF = 1.000

LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 196 ms Ip = 36037 (55%)

Model:451060-6400K-LED(576PCS)

Tester:ZW

Temperature:25.3Deg

Manufacturer:GB

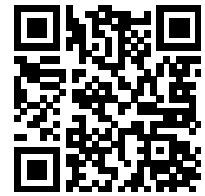
Number:25

Date:2022-03-23

Humidity:65.0%

Remarks:

Model placed on the Union market from 01/02/2021



EPREL registration number: 1174894

<https://eprel.ec.europa.eu/qr/1174894>

Supplier: Svedbergs i Dalstorp AB (Manufacturer)

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