

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: 458060

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

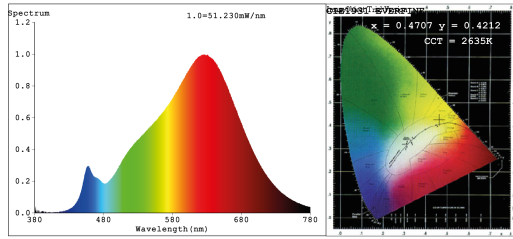
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	26	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 650 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	25,7	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: $x=0.4707$ $y=0.4212$ $u'=0.2647$ $v'=0.5329$
CCT=2635K(Duv=0.0030) Dominant WL:Ld =583.6nm Purity=67.7%

Ratio:R=26.8% G=70.9% B=2.3% Peak WL:Lp=626.9nm FWHM=147.4nm

Render Index:Ra=92.9

R1 =93 R2 =96 R3 =99 R4 =92 R5 =92 R6 =96 R7 =93
R8 =82 R9 =61 R10=90 R11=93 R12=81 R13=94 R14=98 R15=88

Photo Parameters:

Flux = 2297 lm Eff. : 82.01 lm/W Fe = 8.212 W

Electrical parameters:

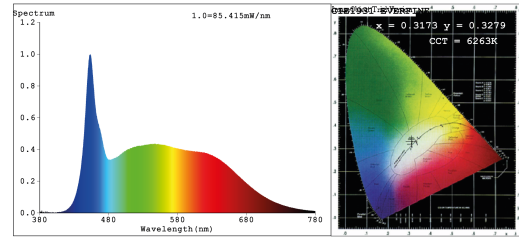
V = 12.000 V I = 2.334 A P = 28.00 W PF = 1.000

LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 318 ms Ip = 49845 (76%)

Model:458060-2700K-LED(372PCS) Number:12
Tester:ZW Date:2022-03-23
Temperature:25.3Deg Humidity:65.0%
Manufacturer:GB Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3173$ $y=0.3279$ $u'=0.2015$ $v'=0.4684$
CCT=6263K(Duv=0.0003) Dominant WL:Ld =487.2nm Purity=5.8%

Ratio:R=15.7% G=77.4% B=6.8% Peak WL:Lp=453.6nm FWHM=24.7nm

Render Index:Ra=95.0

R1 =96 R2 =99 R3 =97 R4 =94 R5 =94 R6 =93 R7 =94
R8 =92 R9 =84 R10=96 R11=95 R12=70 R13=99 R14=99 R15=95

Photo Parameters:

Flux = 2539 lm Eff. : 92.49 lm/W Fe = 9.193 W

Electrical parameters:

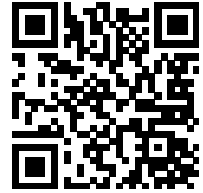
V = 12.000 V I = 2.288 A P = 27.46 W PF = 1.000

LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 318 ms Ip = 54903 (84%)

Model:458060-6400K-LED(372PCS) Number:11
Tester:ZW Date:2022-03-23
Temperature:25.3Deg Humidity:65.0%
Manufacturer:GB Remarks:

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



EPREL registration number: 1175031

<https://eprel.ec.europa.eu/qr/1175031>

Supplier: Svedbergs i Dalstorp AB (Manufacturer)

Website: www.svedbergs.se

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