Product Information Sheet

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

Supplier's name or trade mark: Byron's

Supplier's address: Compliance Service, Stensgårdvej 1, DK5500 Middelfart, DK

Model identifier: 633025002

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	LED Driver		
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

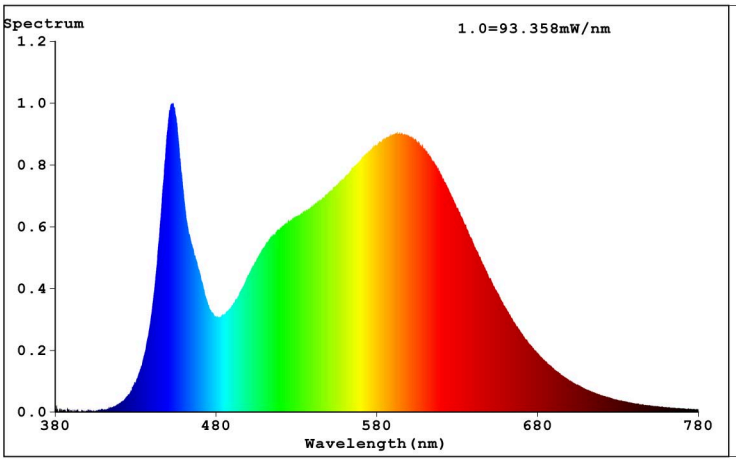
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	50	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	4 250 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	4 000
On-mode power (P_{on}), expressed in W	50,0	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	80
Outer dimensions without separate control gear, lighting control — Height	175	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	125		
Depth	30		

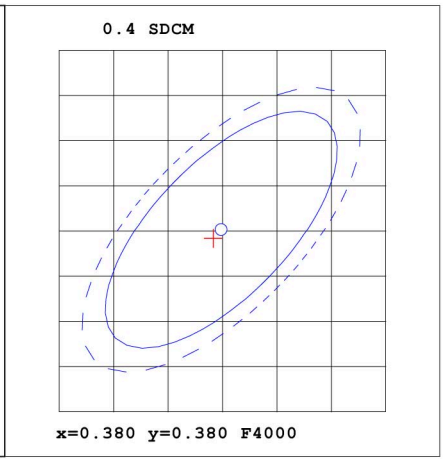
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,380 0,380
Parameters for directional light sources:				
Peak luminous intensity (cd)		1 751	Beam angle in degrees, or the range of beam angles that can be set	112
Parameters for LED and OLED light sources:				
R9 colour rendering index value		4	Survival factor	0,90
the lumen maintenance factor		0,96		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,90	Colour consistency in McAdam ellipses	6
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)	0,4

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3792 y=0.3790/u'=0.2234 v'=0.5024

CCT=4051K(Duv=0.0014) Dominant WL:Ld =578.1nm Purity=27.6%

Ratio:R=18.1% G=77.9% B=3.9% Peak WL:Lp=453.3nm FWHM=23.9nm

Render Index:Ra=83.3

R1 =82	R2 =91	R3 =96	R4 =81	R5 =82	R6 =87	R7 =85	
R8 =63	R9 =6	R10=78	R11=80	R12=62	R13=84	R14=98	R15=75

Photo Parameters:

Flux = 4822 lm Eff. : 98.40 lm/W Fe = 14.51 W

Electrical parameters:

V = 229.81 V I = 0.2141 A P = 49.01 W PF = 0.9960

LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 95 ms Ip = 57031 (87%)

Model:	No. 50W-230V
Tester:	Date:2026-04-21
Temperature:Deg	Humidity:65.0%
Manufacturer:	Remark:

EPREL registration number: 2698740 Model placed on the Union market from 01/09/2026.	https://eprel.ec.europa.eu/qr/2698740

Supplier: T. Hansen Gruppen A/S (Manufacturer) **Website:**

Customer care service:

Name: Compliance Service **Website:** thansen.dk

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