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: 633025000

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

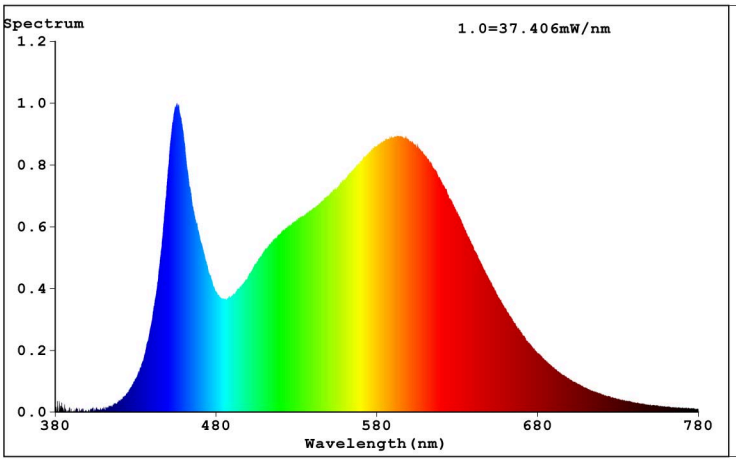
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	20	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 700 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	20,0	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	110	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	80		
Depth	30		

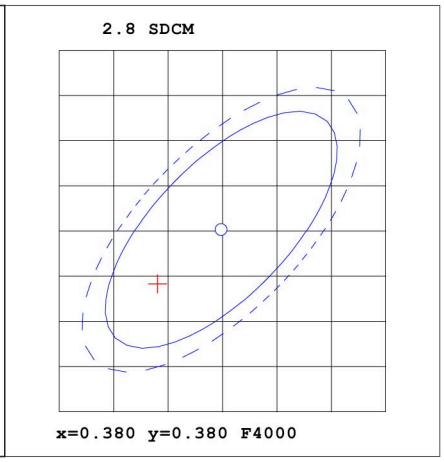
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,380 0,380
Parameters for directional light sources:				
Peak luminous intensity (cd)		798	Beam angle in degrees, or the range of beam angles that can be set	100
Parameters for LED and OLED light sources:				
R9 colour rendering index value		5	Survival factor	0,90
the lumen maintenance factor		0,96		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,70	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=0.3741 y=0.3739/u'=0.2220 v'=0.4994

CCT=4156K(Duv=0.0006) Dominant WL:Ld =578.1nm Purity=24.5%

Ratio:R=17.9% G=77.7% B=4.4% Peak WL:Lp=455.8nm FWHM=28.2nm

Render Index:Ra=83.5

R1 =82	R2 =93	R3 =95	R4 =79	R5 =82	R6 =89	R7 =84	
R8 =63	R9 =8	R10=82	R11=78	R12=63	R13=86	R14=98	R15=76

Photo Parameters:

Flux = 1914 lm Eff. : 97.22 lm/W Fe = 5.848 W

Electrical parameters:

V = 229.93 V I = 0.08592 A P = 19.68 W PF = 0.9963

LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 161 ms Ip = 38465 (59%)

Model:	No. 20W-230V
Tester:	Date:2026-04-21
Temperature:Deg	Humidity:65.0%
Manufacturer:	Remark:

EPREL registration number: 2698599 Model placed on the Union market from 01/09/2026.	https://eprel.ec.europa.eu/qr/2698599

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

Customer care service:

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

Email: compliance@thansen.dk **Phone:** +45 31 31 31 31

Address:
Stensgårdvej 1
DK5500 Middelfart
Denmark