

Product Information Sheet

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

Supplier's name or trade mark: Eterna Lighting Ltd

Supplier's address: Technical Department, Airport Business Park Unit B4D, K67 X7H9, IE

Model identifier: BATLED5FT

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	N/A		
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	38	Energy efficiency class	D
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°)	5 501 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	4 200
On-mode power (P_{on}), expressed in W	38,0	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	83
Outer dimensions without separate control gear, lighting control	Height	73	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	1 460	
	Depth	67	
			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)	0,378 0,372
Parameters for LED and OLED light sources:			
R9 colour rendering index value	13	Survival factor	0,90
the lumen maintenance factor	0,80		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,97	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)	0,1	Stroboscopic effect metric (SVM)	0,0

(a)-: not applicable;

(b)-: not applicable;

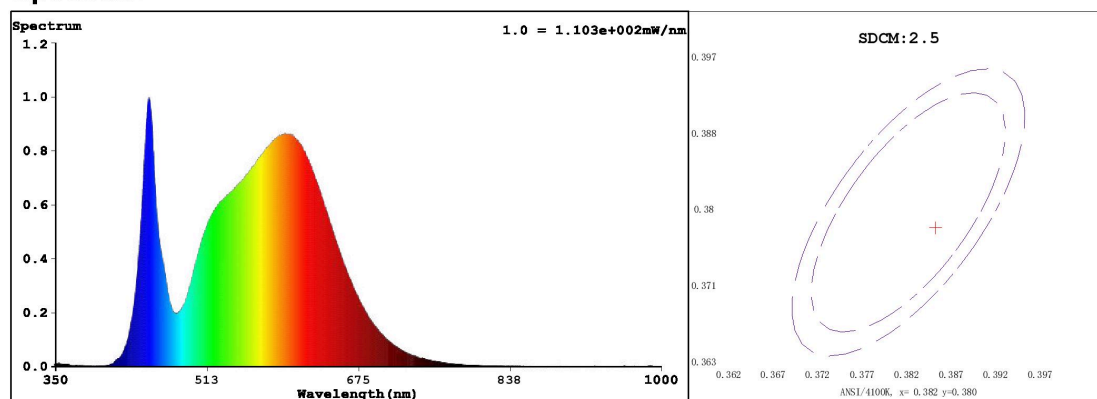
Spectrum Test Report

Sample :
Specification : BATLED5FT
Sample No. : 70
Manufacturer :
Date : 2021-10-29 13:27:10
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by :
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test
RH : 65.0%
IP : 42451 (65%)
T : 65 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3848$ $y = 0.3780$ / $u' = 0.2275$ $v' = 0.5028$ ($duv = -6.54e-04$)

CCT= 3893K Prcp WL: Ld=579.8nm Purity=28.9%

Peak WL: Lp=450nm FWHM: =19.7nm Ratio:R=18.9% G=77.9% B=3.2%

Render Index: Ra = 83.5

R1 =82 R2 =89 R3 =93 R4 =84 R5 =82 R6 =84 R7 =87
R8 =67 R9 =15 R10=73 R11=83 R12=62 R13=84 R14=96 R15=77

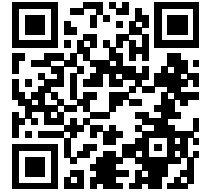
Photometric & Radiometric Parameters

Flux = 5501.2 lm Eff. : 144.18 lm/W Fe = 16.846 W

Electrical parameters

V = 230.3 V I = 0.1787 A P = 38.15 W PF = 0.9275 F=49.99 Hz

Model placed on the Union market from 10/03/2020



EPREL registration number: 801254

<https://eprel.ec.europa.eu/qr/801254>

Supplier: O'Neills Electrical Ltd (Authorised representative)

Website: <https://www.eterna-lighting.co.uk/about-eterna-ireland/>

Customer care service:

Name: Technical Department

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