

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: BATLED4FT

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:	Yes	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	23	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°)	3 437 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	23,0	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	86
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	1 170	
	Depth	60	
			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)	0,371 0,366
Parameters for LED and OLED light sources:			
R9 colour rendering index value	25	Survival factor	0,90
the lumen maintenance factor	0,80		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,91	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)	0,0	Stroboscopic effect metric (SVM)	0,0

(a)-: not applicable;

(b)-: not applicable;

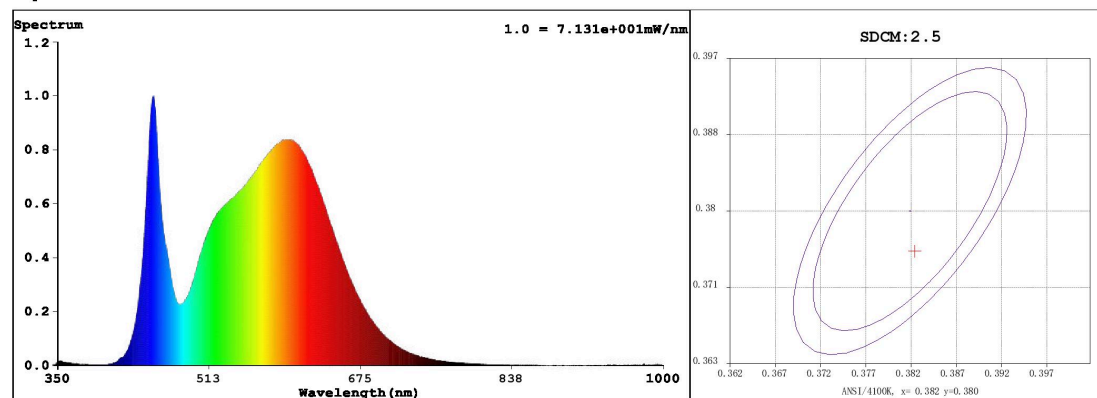
Spectrum Test Report

Sample :
Specification : BATLED4FT
Sample No. : 69
Manufacturer :
Date : 2021-10-29 13:11:48
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 : 53224 (81%)
T : 130 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3824$ $y = 0.3753$ / $u' = 0.2270$ $v' = 0.5012$ ($duv = -1.25e-03$)

CCT= 3937K Prcp WL: Ld=580.0nm Purity=27.4%

Peak WL: Lp=453nm FWHM: =20.5nm Ratio:R=18.9% G=77.6% B=3.5%

Render Index: Ra = 84.3

R1 =83 R2 =90 R3 =95 R4 =83 R5 =83 R6 =86 R7 =87
R8 =67 R9 =17 R10=76 R11=82 R12=62 R13=85 R14=97 R15=78

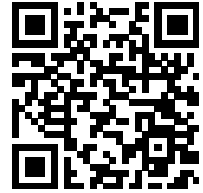
Photometric & Radiometric Parameters

Flux = 3437.5 lm Eff. : 151.14 lm/W Fe = 10.590 W

Electrical parameters

V = 230.3 V I = 0.1070 A P = 22.74 W PF = 0.9234 F=49.99 Hz

Model placed on the Union market from 06/03/2020



EPREL registration number: 801228

<https://eprel.ec.europa.eu/qr/801228>

Supplier: O'Neills Electrical Ltd (Authorised representative)

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

Customer care service:

Name: Technical Department

Website: www.eterna-lighting.co.uk

Email: technical@eterna-lighting.co.uk

Phone: 01933673144

Address:

Airport Business Park Unit B4D
K67 X7H9
Ireland