

# 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
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	23	Energy efficiency class	D
Useful luminous flux ( $\phi_{use}$ ), 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	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 <sup>(a)</sup>	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,371 0,366	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	25	Survival factor	0,90	
the lumen maintenance factor	0,80			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	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 :

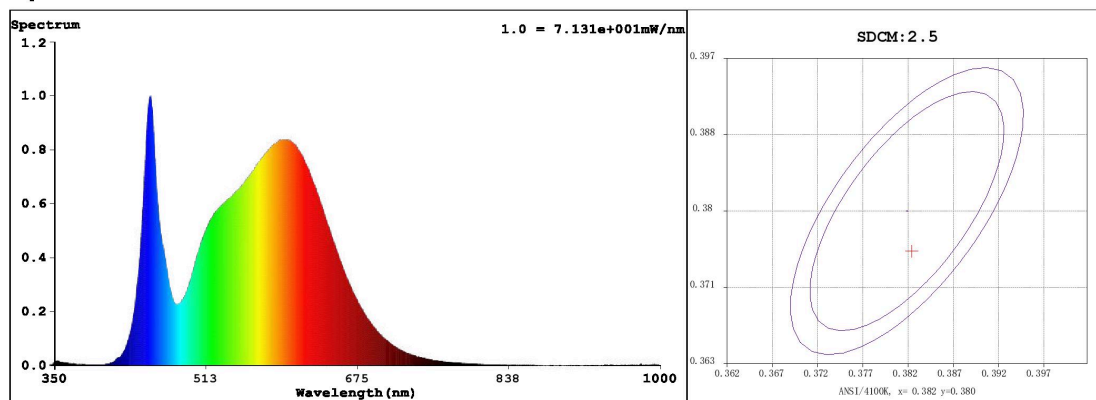
Date : 2021-10-29 13:11:48  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by :  
Assessor : damin

### 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

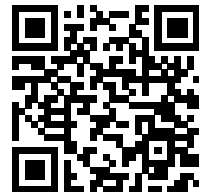
### Photometric & Radiometric Parameters

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.etera-lighting.co.uk/about-etera-ireland/>

**Customer care service:**

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