

# Product Information Sheet

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

**Supplier's name or trade mark:** FERMOB

**Supplier's address:** SERVICE RELATION CLIENT, PARC ACTIVAL, 01140 THOISSEY, FR

**Model identifier:** 3622-BALAD-LAMPE H.38 CM

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Diffuseur polyéthylène		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	Yes	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	Yes	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	3	Energy efficiency class	E
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°)	150 in Sphere (360°)	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	2 200 or 4 000 or 6 500
On-mode power ( $P_{on}$ ), expressed in W	2,5	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	84
Outer dimensions without separate control gear, lighting control	Height	404	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	283	
	Depth	275	
			See image in last page

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)	0,495 0,406
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	21	Survival factor	1,00
the lumen maintenance factor	0,97		

(a) : not applicable;

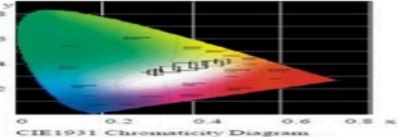
(b) : not applicable;



Attachment No. 1: Photometric test record of one lamp at initial measurement  
For Model No.: H38(6500K)

Photometric test record of one lamp at initial measurement

Spectroradiometric Parameters



Chromaticity Coordinates:  $x=0.3124$   $y=0.3336$   $u'=0.1959$   $v'=0.4707$   
 Correlated Color Temperature: 6488 K  
 Colour Fidelity Index:  $Rf=80$   
 Luminous Flux: 320.90 lm  
 Chromaticity Difference:  $\pm 0.0056$  Duv  
 Color Ratio:  $Kr=29.8\%$   $Kg=57.0\%$   $Kb=13.2\%$   
 Bandwidth: 21.1nm  
 Photosynthetically Active Radiation(PAR): 0.87W  
 Rendering Index:  $Ra=S1.5$   
 R1=79 R2=86 R3=91 R4=S1 R5=S0 R6=S1 R7=S7 RS=67  
 R9=-4 R10=67 R11=80 R12=57 R13=S2 R14=95 R15=73 Re=74

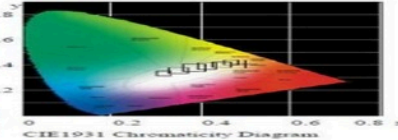
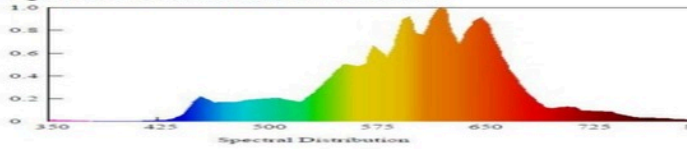
Dominant Wavelength: 491.0 nm(E)  
 Gamut Index:  $Rg=93$   
 Purity: 0.0713  
 Peak Wavelength: 450.0 nm  
 Color Tolerance(SDCM): 1.9697  
 Radiant Flux: 0.882 W  
 Photosynthetic Photon Flux(PPF): 3.93 $\mu$ mol/s



Attachment No. 1: Photometric test record of one lamp at initial measurement  
For Model No.: H38(2200K)

Photometric test record of one lamp at initial measurement

Spectroradiometric Parameters



Chromaticity Coordinates:  $x=0.4958$   $y=0.4068$   $u'=0.2879$   $v'=0.5314$   
 Correlated Color Temperature: 2240 K  
 Colour Fidelity Index:  $Rf=S2$   
 Luminous Flux: 173.61 lm  
 Chromaticity Difference:  $-0.00275$  Duv  
 Color Ratio:  $Kr=52.7\%$   $Kg=41.7\%$   $Kb=5.6\%$   
 Bandwidth: 98.6nm  
 Photosynthetically Active Radiation(PAR): 0.49W  
 Rendering Index:  $Ra=S4.4$   
 R1=S4 R2=97 R3=93 R4=78 R5=S4 R6=96 R7=S1 RS=63  
 R9=S1 R10=91 R11=74 R12=S6 R13=S7 R14=97 R15=79 Re=S1

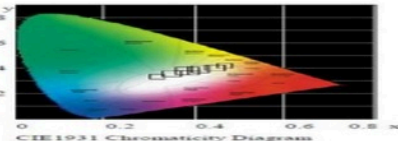
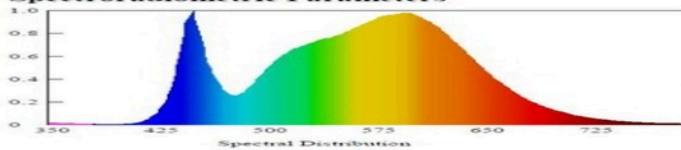
Dominant Wavelength: 586.0 nm(E)  
 Gamut Index:  $Rg=95$   
 Purity: 0.7165  
 Peak Wavelength: 620.0 nm  
 Color Tolerance(SDCM):  
 Radiant Flux: 0.514 W  
 Photosynthetic Photon Flux(PPF): 2.45 $\mu$ mol/s



Attachment No. 1: Photometric test record of one lamp at initial measurement  
For Model No.: H38(4000K)

Photometric test record of one lamp at initial measurement

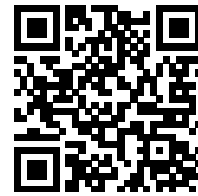
Spectroradiometric Parameters



Chromaticity Coordinates:  $x=0.3827$   $y=0.3821$   $u'=0.2245$   $v'=0.5043$   
 Correlated Color Temperature: 3978 K  
 Colour Fidelity Index:  $Rf=S2$   
 Luminous Flux: 347.19 lm  
 Chromaticity Difference:  $+0.00182$  Duv  
 Color Ratio:  $Kr=38.0\%$   $Kg=52.6\%$   $Kb=9.4\%$   
 Bandwidth: 24.7nm  
 Photosynthetically Active Radiation(PAR): 0.85W  
 Rendering Index:  $Ra=S2.5$   
 R1=S1 R2=S8 R3=94 R4=S2 R5=S1 R6=S4 R7=S6 RS=64  
 R9=6 R10=72 R11=S2 R12=63 R13=S3 R14=97 R15=74 Re=76

Dominant Wavelength: 577.0 nm(E)  
 Gamut Index:  $Rg=96$   
 Purity: 0.2954  
 Peak Wavelength: 450.0 nm  
 Color Tolerance(SDCM): 1.2602  
 Radiant Flux: 0.867 W  
 Photosynthetic Photon Flux(PPF): 3.99 $\mu$ mol/s

Model placed on the Union market from 01/11/2018



**EPREL registration number:** 797725

<https://eprel.ec.europa.eu/qr/797725>

**Supplier:** FERMOB SA (Manufacturer)

**Website:** [www.fermob.com](http://www.fermob.com)

**Customer care service:**

**Name:** SERVICE RELATION CLIENT

**Website:** [www.fermob.com](http://www.fermob.com)

**Email:** [info@fermob.com](mailto:info@fermob.com)

**Phone:** 0826625313

**Address:**

PARC ACTIVAL  
01140 THOISSEY  
France