



The
**JACKSON
NEMESIS**

200W

The Jackson Nemesis 200W

Luminaire for indoor intensive cultivation.

Made in Spain

Years
Warranty **2**



General features

Type of connection	Phase, Neutral and Grown
Lifespan	60.000 h
LED model	Samsung LM301H and Osram
Driver model	Inventronics / Moso 240W IP67
Index protection	IP20
IEC protection	Class II
Impact resistance	IK01
Heatsink material	Aluminium
Protection by SELV	Yes, extra low voltage

Light features

Color temperature	Full Spectrum
Beam Angle	120°
Micromoles	572,56 micromol/sec
PAR micromol	534,14 micromol/sec
CRI	>95
Luminaire efficiency	2,87 micromol/joule
LED efficiency	3 micromol/joule

Ref: JACKSONNEMV1B



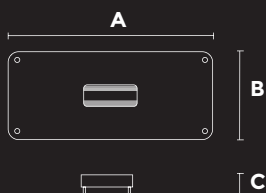
CASAMBI
Bluetooth™

Electric features

Power	200W
Tolerance of power	10%
Voltage	100-240V AC
Input current	0,89A
Power factor	>0,95
Frequency	50/60 Hz
Voltage of PCB	<60V SELV
Equivalent power	600W HPS
Switching time	<0.1 sec
Dimming and control	Yes, Casambi Bluetooth
Max. lights/circuit breaker C10	6
Max. lights/circuit breaker C16	9

Size

Size A	590 mm
Size B	280 mm
Size C	80 mm

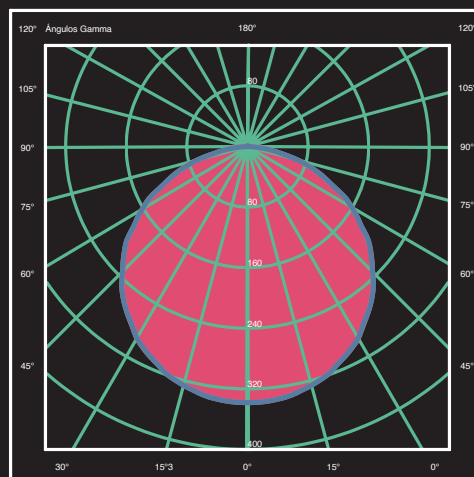


App for Bluetooth

App for Android



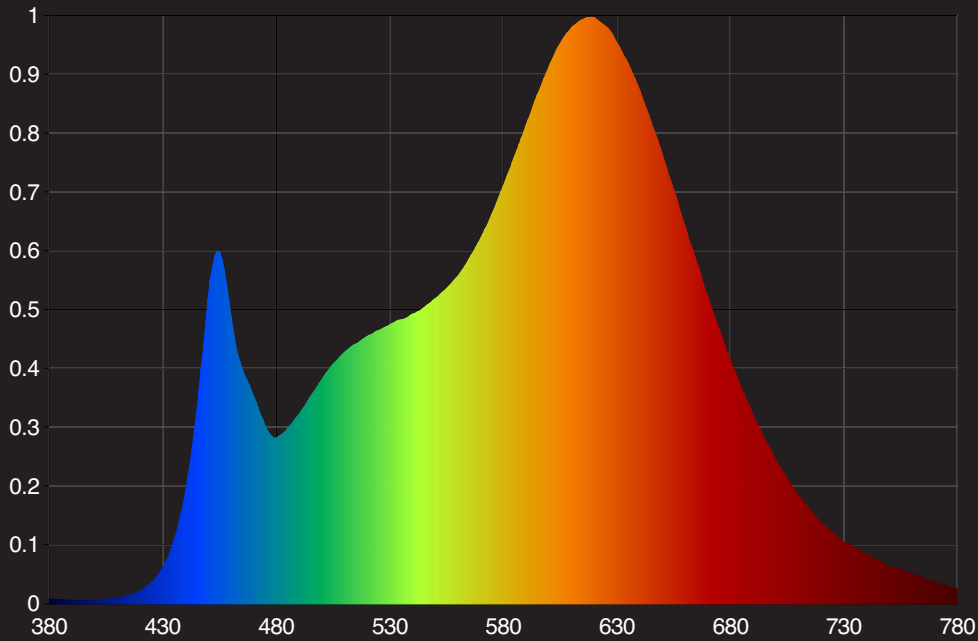
App for iOS





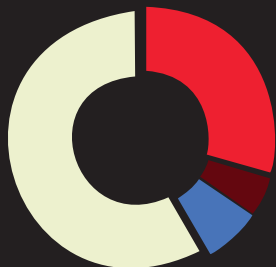
the Jungle

Wavelength



Datos sujetos a cambios March, 2021

Color Ratio



- Red: 31,32%
- Far Red: 4,30%
- Blue: 8,03%
- Other: 56,35%

PPF per 10nm for UL8800		
Wavelength Range (nm)	PPF (μmol/s)	
350-359	0,0000	
360-369	0,0000	
370-379	0,0000	
380-389	0,0509	
390-399	0,0505	
400-409	0,0588	
410-419	0,1355	
420-429	0,4727	
430-439	1,9248	
440-449	8,3987	
450-459	14,7508	
460-469	9,6226	
470-479	7,0743	
480-489	7,5246	
490-499	9,6199	
500-509	11,9272	
510-519	13,5000	
520-529	14,5935	
530-539	15,6093	
540-549	16,7520	
550-559	18,1555	
560-569	19,9119	
570-579	22,1486	
580-589	25,1316	
590-599	28,7477	
600-609	32,4322	
610-619	35,4506	
620-629	36,9820	
630-639	36,1914	
640-649	34,3366	
650-659	30,8214	
660-669	26,5367	
670-679	22,0781	
680-689	17,8647	
690-699	14,1563	
700-709	10,9770	
710-719	8,3165	
720-729	6,2664	
730-739	4,6723	
740-749	3,4413	
750-759	2,5216	
760-769	1,8618	
770-779	1,3757	
780-789	0,1167	
790-799	0,0000	
UV	0,1014 μmol/s 0,02%	
Blue	59,5878 μmol/s 10,41%	
Green	186,4774 μmol/s 32,57%	
Red	286,8502 μmol/s 50,10%	
Far Red	39,5593 μmol/s 6,91%	