



The JACKSON ⚡ 150w.

The Jackson 150W

Luminaire for indoor intensive cultivation.

Made in Spain

Years Warranty **3**



Ref: JACKSONV1

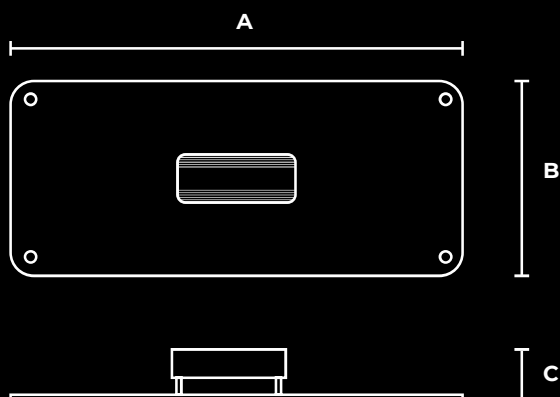


⚡ Electric features

Power	150W
Tolerance of power	10%
Voltage	100-240V AC
Input current	0,63A
Power factor	>0,95
Frecuency	50/60 Hz
Voltage of PCB	<60V SELV
Equivalent power	300W HPS
Switching time	<0,1 sec
Dimming and control	Optional
Max. lights/circuit breaker C10	8
Max. lights/circuit breaker C16	12

⚡ Size

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

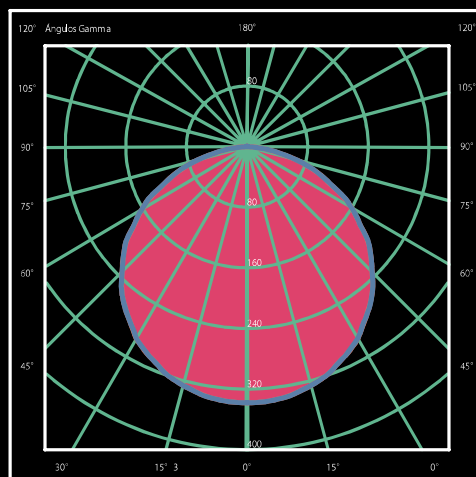


⚡ General features

Type of connection	Phase, Neutral and Grown
Lifespan	60.000 h
LED model	SMD Samsung + Osram
Driver model	Inventronics / Moso 150W IP67
Index protection	IP20
IEC protection	Class I
Impact resistance	IK01
Heatsink material	Aluminium
Protection by SELV	Yes, extra low voltage

⚡ Light features

Color temperature	Full Spectrum
Beam Angle	120°
Micromoles	303,87 micromol/sec
PAR micromol	278,62 micromol/sec
CRI	>95
Luminaire efficiency	1,94 micromol/joule
LED efficiency	2,02 micromol/joule

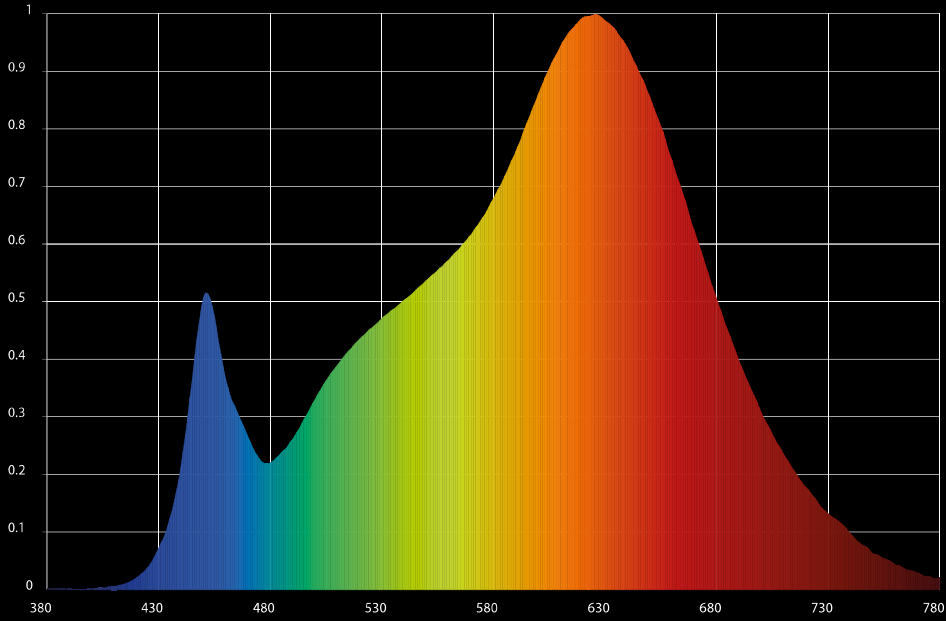




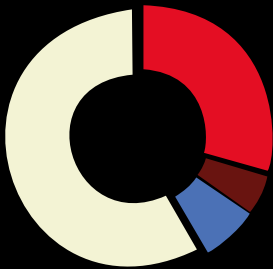
the Jungle

Wavelenght

Datos sujetos a cambios January, 2022



Color Ratio



- Red: 32,34%
- Far Red: 5,44%
- Blue: 7,58%
- Other: 54,64%

PPF per 10nm for UL8800		
Wavelength Range (nm)	PPF (µmol/s)	
350-359	0,0000	
360-369	0,1767	
370-379	0,1270	
380-389	0,0519	
390-399	0,0244	
400-409	0,0511	
410-419	0,1636	
420-429	0,5132	
430-439	1,6028	
440-449	4,9961	
450-459	6,3837	
460-469	4,2951	
470-479	3,0438	
480-489	3,0313	
490-499	3,8442	
500-509	5,0200	
510-519	6,1145	
520-529	7,0920	
530-539	7,9771	
540-549	8,8069	
550-559	9,6274	
560-569	10,5615	
570-579	11,6621	
580-589	12,9703	
590-599	14,5979	
600-609	16,4167	
610-619	18,0001	
620-629	19,0156	
630-639	19,1849	
640-649	18,4334	
650-659	17,0062	
660-669	15,0740	
670-679	12,9088	
680-689	10,7341	
690-699	8,7188	
700-709	6,9034	
710-719	5,3651	
720-729	4,1235	
730-739	3,1268	
740-749	2,3531	
750-759	1,7361	
760-769	1,2925	
770-779	0,9641	
780-789	0,0829	
790-799	0,0000	
UV	0,3800 µmol/s	0,12%
Blue	27,9249 µmol/s	9,18%
Green	94,4297 µmol/s	31,04%
Red	155,4926 µmol/s	51,12%
Far Red	25,9476 µmol/s	8,53%