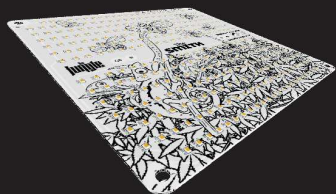




The SMITH ⚡ 150w.

5000K



The Smith 150W 5000K

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	SMD Samsung
Driver model	Inventronics / Moso 150W 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	5000k
Beam Angle	120°
Micromoles	295,79 micromol/sec
PAR micromol	289,445 micromol/sec
CRI	>80
Luminaire efficiency	2,07 micromol/joule
LED efficiency	2,27 micromol/joule

Ref: SMITH1505V1B



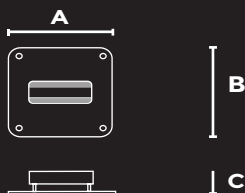
CASAMBI
Bluetooth™

⚡ 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	Yes, Casambi Bluetooth
Max. lights/circuit breaker C10	8
Max. lights/circuit breaker C16	12

⚡ Size

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

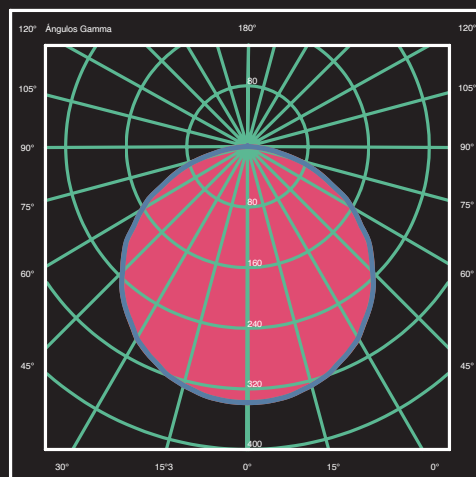


📶 App for Bluetooth

App for Android



App for iOS

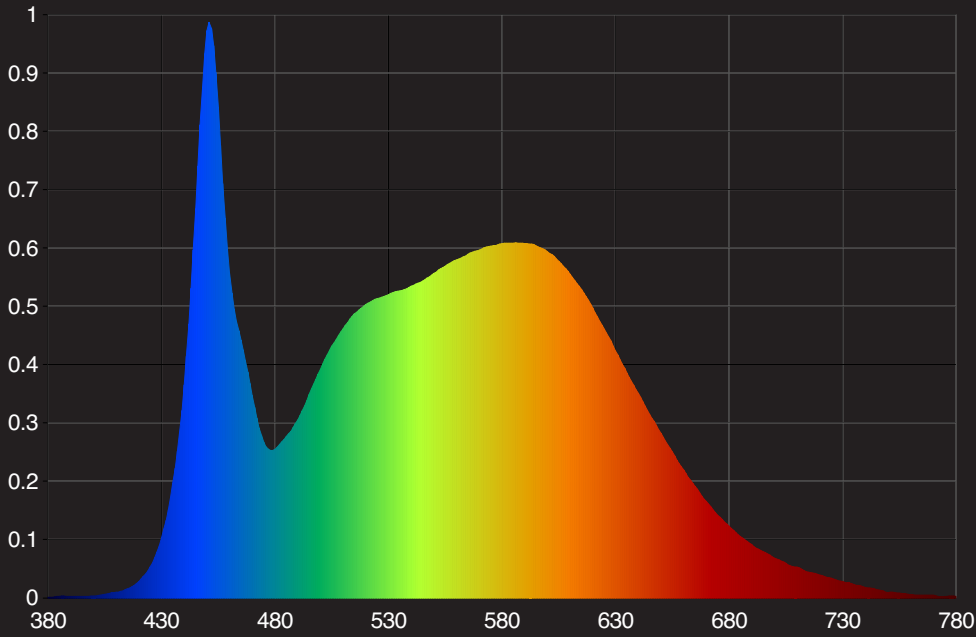




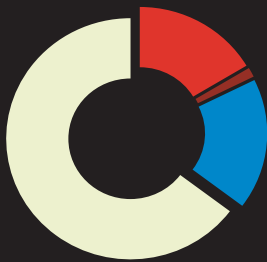
The Jungle

Wavelength

Datos sujetos a cambios March, 2021



Color Ratio



- Red: 16,43%
- Far Red: 1,29%
- Blue: 17,55%
- Other: 64,74%

PPF per 10nm for UI8800		
Wavelength Range (nm)	PPF (µmol/s)	
350-359	0,0000	
360-369	0,0486	
370-379	0,0323	
380-389	0,0267	
390-399	0,0340	
400-409	0,0500	
410-419	0,1884	
420-429	0,8191	
430-439	3,9124	
440-449	14,8387	
450-459	16,5985	
460-469	8,9125	
470-479	5,2327	
480-489	5,1965	
490-499	6,9630	
500-509	9,2034	
510-519	10,9328	
520-529	12,1230	
530-539	12,9950	
540-549	13,8035	
550-559	14,6148	
560-569	15,3932	
570-579	16,0755	
580-589	16,5693	
590-599	16,8260	
600-609	16,0308	
610-619	14,8742	
620-629	13,2660	
630-639	11,3033	
640-649	9,2848	
650-659	7,4081	
660-669	5,7830	
670-679	4,4171	
680-689	3,3400	
690-699	2,4988	
700-709	1,8587	
710-719	1,3735	
720-729	1,0103	
730-739	0,7438	
740-749	0,5461	
750-759	0,4101	
760-769	0,3111	
770-779	0,2365	
780-789	0,0179	
790-799	0,0000	
UV		0,1417 µmol/s 0,05%
Blue		62,6919 µmol/s 21,19%
Green		138,3365 µmol/s 46,76%
Red		88,2060 µmol/s 29,81%
Far Red		6,4980 µmol/s 2,20%