LUMEN KING LED
GROW LIGHT 1000 W

LUMEN-KING ®

TECHNICAL SPECIFICATIONS

Light Source	LED
Spectrum	Full Spectrum
PPF	2900 µmol/s
Input Power	1000W
Efficacy	2.9 µmol/J
Input Voltage	220-240V
Mounting Height	≥ 6 Above Canopy
Thermal Management	Passive
Dimming	PWM/Manual dimming
Beam Angle	120°
Power Factor	>90 %
Certifications	CE/UKCA/ROHS
Diodes Brand	Optimum Brand
Drivers Brand	Optimum 1000W Integrated driver
Waterproof rating	IP44
Operation Temperature	-25-40°C
Operation Humidity	10%-95% RH
Storage Temperature	-20° - 80°C
Storage Humidity	10%-95% RH
Warrantly Time	3 years

SPECTRUM

Measurements of Normalized Photosynthetic Photon Flux

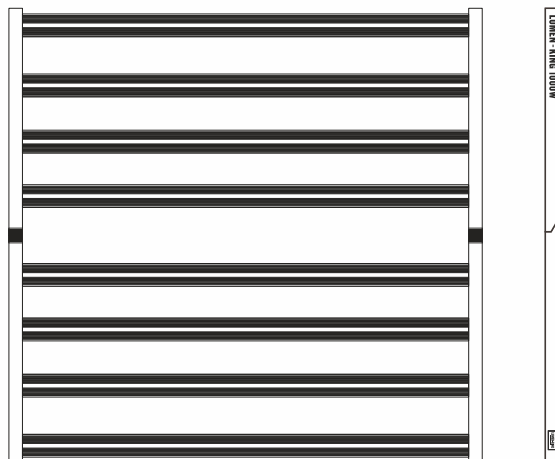FULLSPECTRUM FOR SEEDING, VEGETING, BLOOMING

Wavelength nm
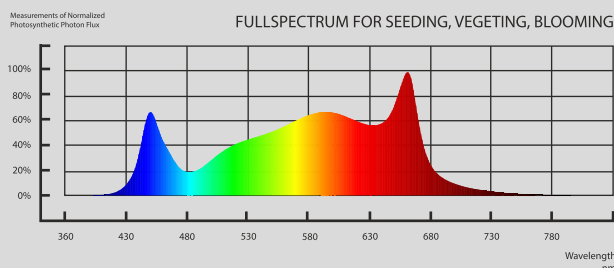
ITEMS INCLUDED IN THE BOX

- 8 x Lumen King 1000W 2.9 Full Spectrum LED Light Bars
- 2 x 1/8" Lumen King Rope ratchets
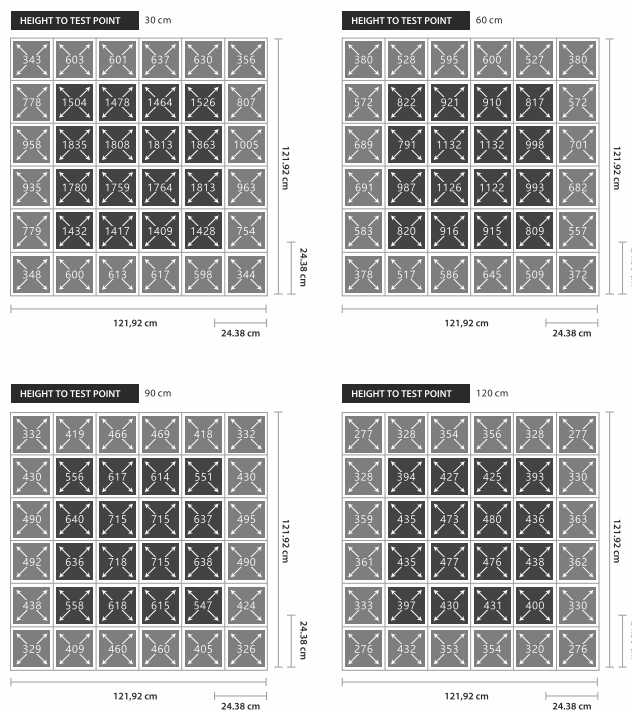- 1 x EU Power Cord
- 1 x RJ Input Network cable

DIMENSIONS

Part	LENGTH	WIDTH	HEIGHT	WEIGHT
LUMEN KING LIGHT FIXTURE	1067mm	1105mm	54mm	8.6kg
LUMEN KING PACKAGE SIZE	1200mm	100mm	600mm	11,5kg

PRODUCT DIMENSIONS

PPFD TESTING REPORT

HEIGHT TO TEST POINT 30 cm

343	603	601	637	630	356
778	1504	1478	1464	1526	807
958	1835	1808	1813	1863	1005
935	1780	1759	1764	1813	963
779	1432	1417	1409	1428	754
348	500	513	517	598	344

121.92 cm / 24.38 cm

HEIGHT TO TEST POINT 60 cm

380	528	595	600	527	380
572	822	921	910	817	572
689	791	1132	1132	998	701
691	987	1126	1122	993	682
583	820	916	915	809	557
378	517	586	645	509	372

121.92 cm / 24.38 cm

HEIGHT TO TEST POINT 90 cm

332	419	466	469	418	332
430	556	617	614	551	430
490	640	715	715	637	495
492	636	718	715	638	490
438	558	618	615	547	424
329	409	460	460	405	326

121.92 cm / 24.38 cm

HEIGHT TO TEST POINT 120 cm

277	328	354	356	328	277
328	394	427	425	393	330
359	435	473	480	436	363
361	435	477	476	438	362
333	397	430	431	400	330
276	432	353	354	320	276

121.92 cm / 24.38 cm

INFORMATION

PPF calculations complied using our in-house integrating sphere measurements and typical spectroadiometric data for each LED fixture performance.

Watts Value are typical expected values. Tolerance allow +/- 10% range on flux and power consumption.

CE UKCA RoHS

Contact LUMENKING @
info@lumen-king.com ✉
www.lumen-king.com/led-grow-lights 🌐