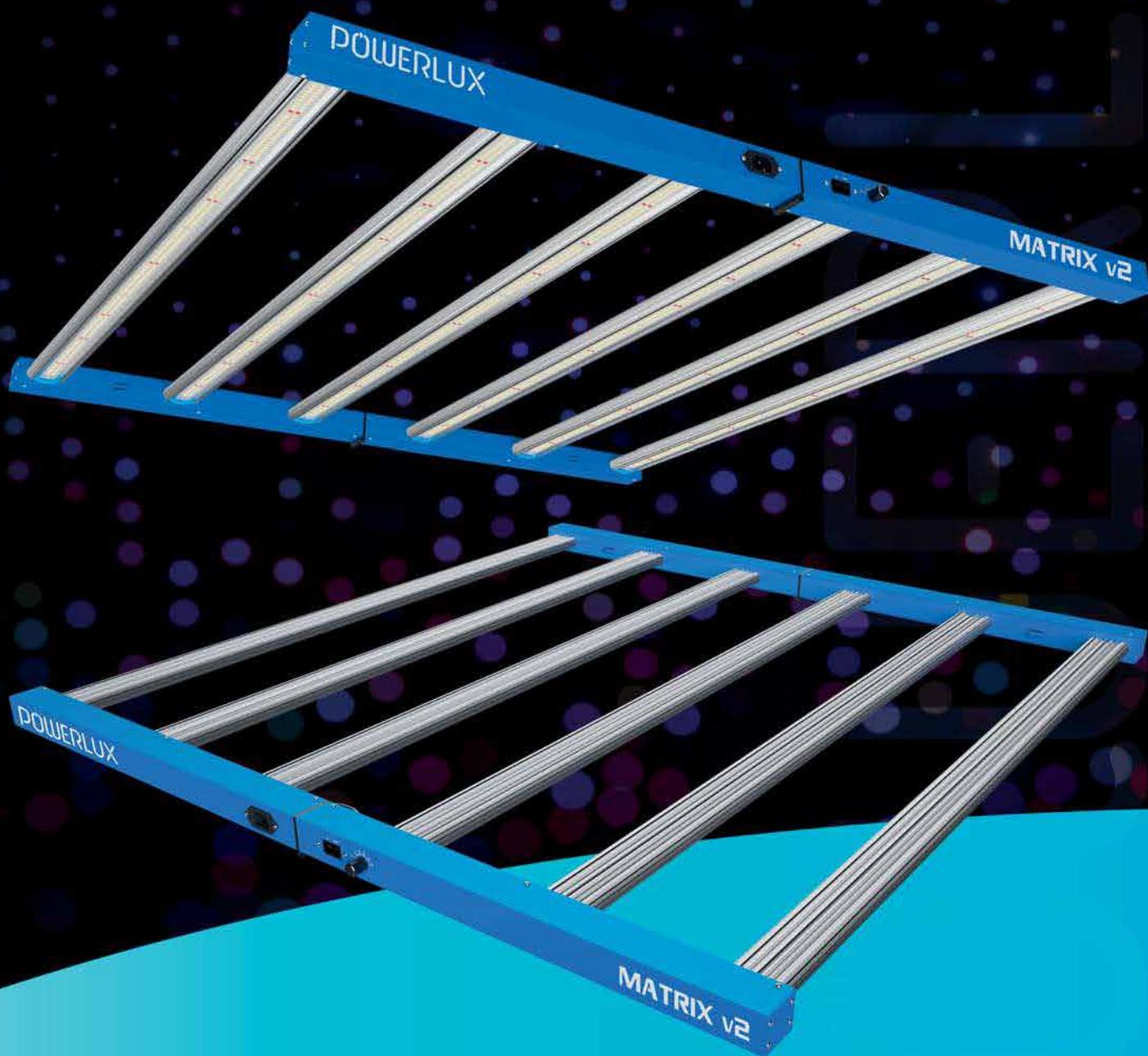


# POWERLUX MATRIX V2 2.9 720W



- Power: 720W.
- Dimensions: 1060 x 1120 x 38 mm.
- Recommended coverage: 1.5 x 1.5 meters.
- IP65 protection (resistant to moisture and dust).
- 14 red LEDs per bar.



EFFICIENCY:  
2.9  $\mu\text{mol}$



PPF  
2088  $\mu\text{mol}$



LIFETIME:  
50.000HRS

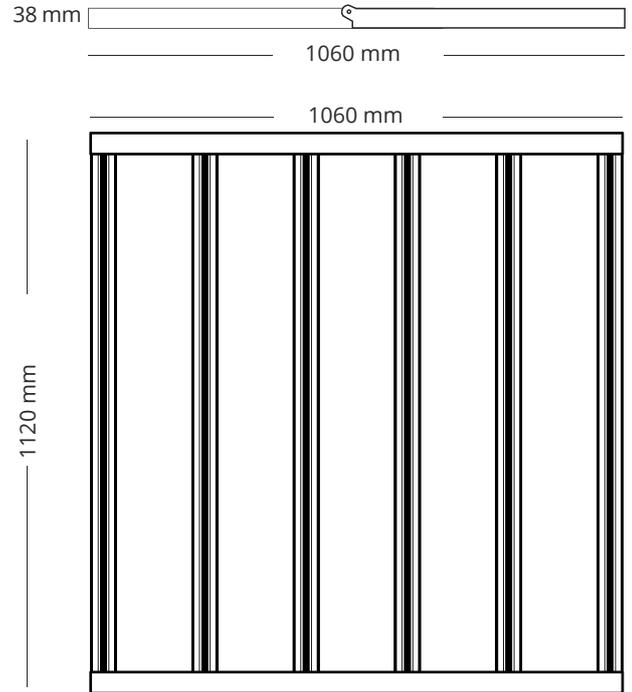


WARRANTY:  
2 YEARS

## SPECIFICATIONS

Maximum output power:	<b>720 W</b>
Efficiency:	<b>2.9</b>
Maximum output power factor (PPF):	<b>2088</b>
Number of light bars:	<b>6</b>
Red diodes per bar:	<b>14</b>
LED chip:	<b>Samsung 281B+ PRO &amp; Osram 660 nm LEDs.</b>
Input voltage:	<b>220-240 V</b>
Frequency:	<b>50-60 Hz</b>
Light distribution:	<b>120°</b>
Spectrum:	<b>Full spectrum</b>
Thermal management:	<b>Passive</b>
Lifetime:	<b>50,000 h</b>
Power factor:	<b>+95%</b>
Color rendering index:	<b>88 ra</b>
Ambient temperature:	<b>-25 – 40°</b>
Dimensions:	<b>1060 x 1120 x 38 mm.</b>
Weight:	<b>9 kg</b>
Recommended growing area:	<b>150 x 150</b>
Recommended distance from canopy:	<b>40-60 cm</b>
Warranty:	<b>2 years</b>

## DIMENSIONS



## EVEN DISTRIBUTION (4X4 FOOT COVERAGE)

Mounting Height: 12" / 30 cm

Mounting Height: 24" / 60 cm

Mounting Height: 36" / 90 cm

945	1037	1013	980	1010	1040	999	869
1161	1221	1214	1175	1200	1239	1203	1041
1245	1342	1324	1258	1291	1332	1282	1118
1267	1371	1360	1287	1324	1368	1311	1161
1340	1444	1420	1330	1357	1405	1338	1180
1239	1312	1303	1221	1258	1300	1254	1085
1044	1102	1104	1026	1040	1060	1017	859
761	801	790	747	764	770	720	642

883	893	924	940	935	900	871	826
953	967	987	990	989	965	939	899
1011	1028	1040	1047	1040	1009	985	946
1042	1067	1075	1077	1067	1023	1012	969
1025	1058	1064	1066	1055	1008	1001	953
956	994	1005	1009	997	966	935	881
863	894	909	920	914	889	851	796
805	807	803	797	810	767	769	690

788	811	830	845	860	841	811	773
805	830	853	863	866	860	837	816
836	857	875	885	886	873	850	827
838	859	875	894	893	886	862	835
833	859	875	884	882	872	845	820
805	831	848	860	857	846	817	789
766	795	810	817	822	805	774	735
733	757	760	763	747	765	738	672

## RECOMENDED SMART CONTROLLER

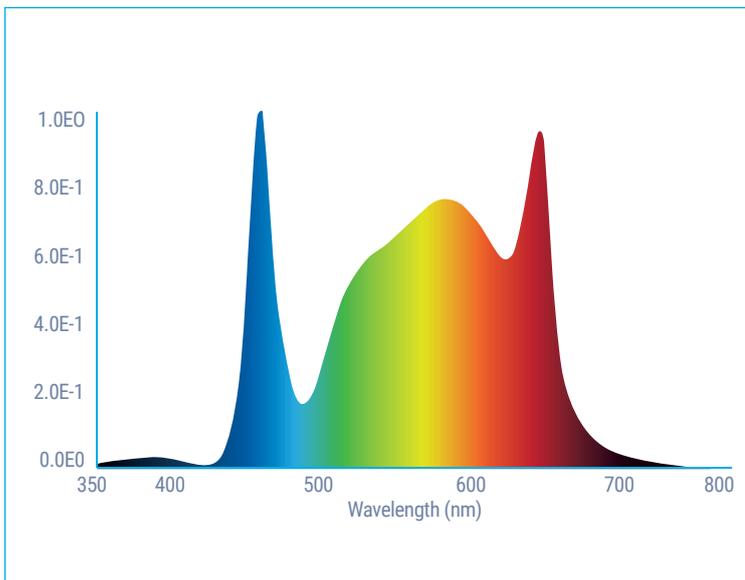
### MASTER CONTROLLER STEETLIGHT PWM



### MASTER CONTROLLER LED PLUS



## SPECTRUM DISTRIBUTION



### Perfect Spectrum for All Phases of Growth

The mix of white and red LEDs result in a relatively high ratio of bluish light.

Blue light keeps your crop tight and compact in the vegetative stage and adds to optimal morphogenesis and light uptake by the plant.

It maintains the photosynthetic system of the plant, which can shorten your flowering time.

Blue light also signals stomatal opening during the light-on period.

The **POWERLUX "Matrix" 720W v2 LED** is an efficient and economical lighting solution for plant cultivation. With six light bars and an efficiency of 2.9  $\mu\text{mol/J}$ , it offers an optimal spectrum thanks to its **Samsung** and **Osram** LEDs.

It is ideal for growers seeking high performance without compromising their budget, providing exceptional, long-lasting results at an affordable price.



**SAMSUNG**  
281B+ PRO



**OSRAM**  
OSLON SSL 660 nm