

# POWERLUX

## 720 W STREETLIGHT



EFFICIENCY  
2,8  $\mu\text{mol/J}$



PPF  
2016  $\mu\text{mol}$



LIFETIME  
50000 hrs



WARRANTY  
2 YEARS

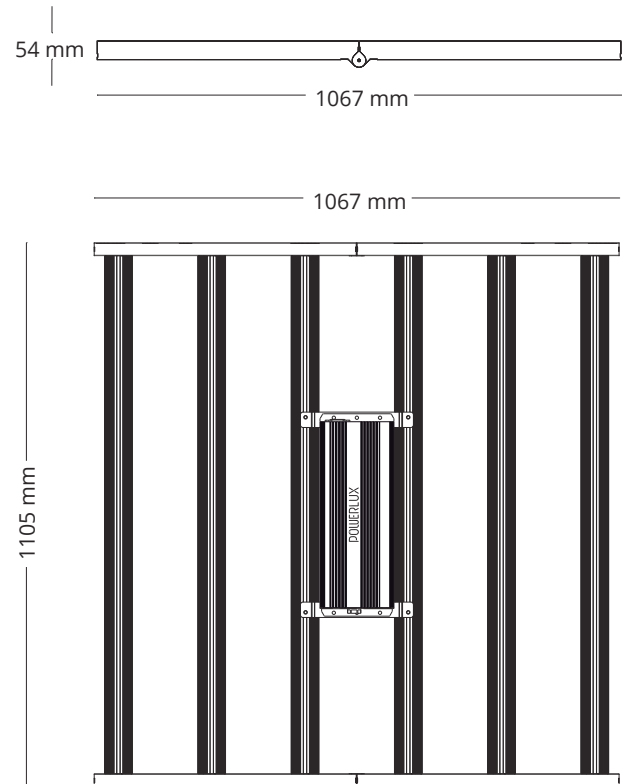
# 720 W STREETLIGHT

POWERLUX

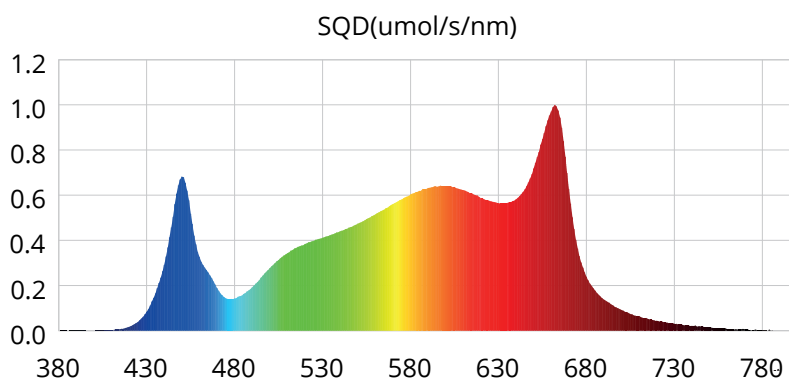
## SPECIFICATIONS

Max. Power Output:	720W (When used with POWERLUX 600W Digital Ballast)
Efficacy:	2.8 $\mu\text{mol/J}$ :
Maximum PPF:	2016 $\mu\text{mol/s}$
Number for light bars:	6 bar
Chip LED:	Samsung LM301B - Osram Oslon 660nm
Input Voltage:	220-240V
Frenquency:	50-60Hz
Light Distribution:	120°
Spectrum:	Full Spectrum
Thermal Management:	Passive
Lifetime:	>50,000hrs
Power Factor:	>95%
Colour Rendering Index:	88ra
Ambient Temperture:	-25~40°C
Dimensions:	1105 x 1067 x 54MM
Weight:	15.3KG
Recommended Cultivation Area:	1,50M x 1,50M
Recommended Distance to Canopy:	40 - 60CM
Warranty:	2 Years

## DIMENSIONS



## SPECTRUM



Our combination of white and red LEDs result in a relatively high ratio of blue light. Blue light keeps your crop compact in the vegetative stage and adds to an optimal morphogenesis and light interception by the plant. It maintains the photosynthetic system of the plant to optimize its photosynthetic potential and can shorten your flowering period.

Blue light also triggers stomatal opening during the light period. The spread of red LEDs in the array guarantees a uniformly mixed spectrum on your crop at short distance. A full spectrum increases the quality of your crop.

## FOLDABLE DESIGN

The foldable design feature can save your shipping cost.

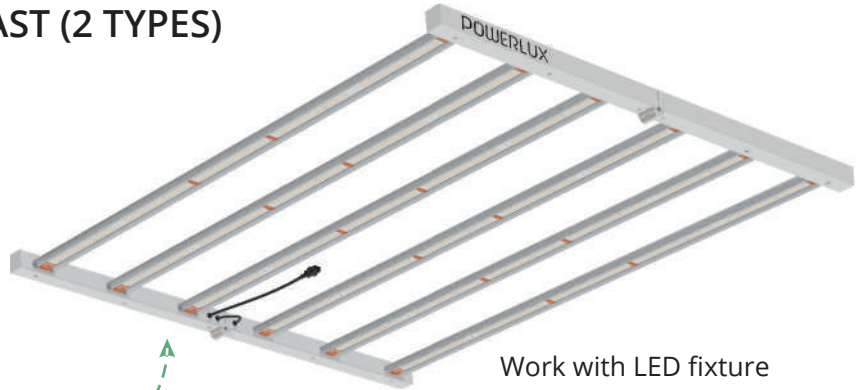


## DIGITAL BALLAST COMPATIBLE

Powered and controlled by the POWERLUX 600W Digital Ballast, this high-performing, high-efficiency LED 6 Bar Fixture can be used singly or as part of a lighting array.

## POWERLUX 600W DIGITAL BALLAST (2 TYPES)

TYPES 1: WITH PWM CONTROL



Work with LED fixture

TYPES 2: WITHOUT PWM CONTROL



Run a HPS lamp/  
shade or LED array

Work with HPS reflector



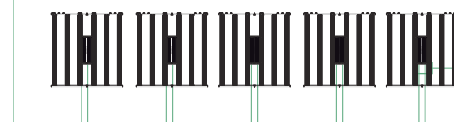
## PWM CONTROL SYSTEM

Built-in PWM control feature, through Smart Controller, simultaneous control up to 30 ballast.

PWM  
CONTROLLER



PWM  
CONTROL  
PORT



Up to 30  
LED fixture

## PAR DISTRIBUTION (4X4 FT COVERAGE)

Mounting Height: 12" / 30CM

521	545	578	571	543	522
678	1023	1020	1029	1014	687
852	1273	1297	1299	1213	774
892	1290	1301	1306	1233	770
688	1053	1079	1070	1011	691
530	560	576	564	541	524

Mounting Height: 24" / 60CM

443	447	461	462	458	435
643	773	794	784	790	644
697	849	940	939	856	692
647	799	871	869	789	641
637	783	785	776	786	642
443	452	458	451	446	433

Mounting Height: 35" / 90CM

403	428	426	436	414	407
542	523	541	524	533	543
595	659	541	682	628	546
544	614	657	641	596	513
503	534	552	550	513	481
415	416	430	433	412	402