

# Phoenix 1050W

SKPHX-X10-000-F1-XX-XXX-XXXX-XXXX

Spec Sheet Rev 1.0

## Product Description

Spectrum King Phoenix 1050W is the pinnacle of LED technology delivering 73% more output and 60% more photons per watt than a DE 1000W HPS system.

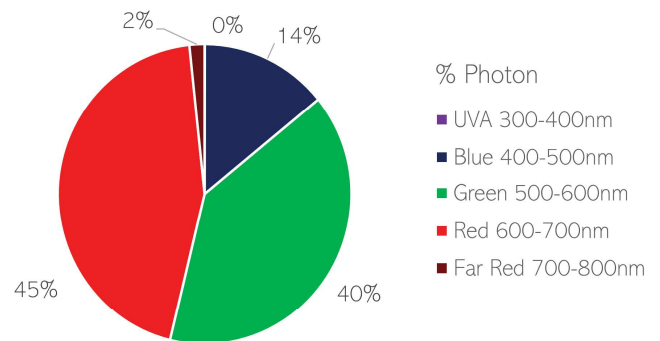
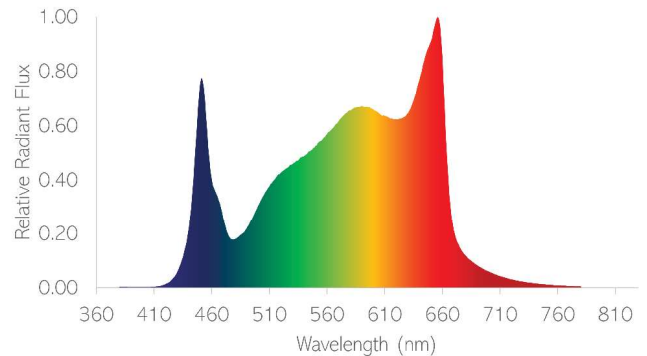
Weighing up to 50% less than the nearest competitor, SK Cryo-Therm cooling technology enables industry leading performance, reliability, and weight. Optimized for high intensity cultivation or for wider spaced lighting layouts.

DLC 2.1 listed and qualified for additional local rebates.



## Performance Summary

PPF (400-700nm) <sup>1</sup>	2940 umol/s
PPE (400-700nm)	2.80 umol/J
Input VAC (50/60 Hz)	200-277V
Input Power @ 277VAC	1050W
Cooling BTU @ 277VAC	3582
Operating Temp	-4 to 113°F (-20 to 45°C)
IP Rating	65, Wet Location
LED Lifetime	Q90 = 62,000hrs
Warranty <sup>2</sup>	5 yrs
Weight (Frame + Driver)	27 lbs (12.2kg)
Min Height	6" (152mm)
Dimmable <sup>3</sup>	Dim to Off, 10-100% Resistive
Beam Angle	120°
Dimensions (lwh)	47x43x4.3" 1195x1095x109mm
Dual Surge Immunity	10kV Driver 1.5kW per Board
Certifications	DLC, ETL, CE



Depicted spectrum is a visual representation of the F1 spectrum. Results will vary.

<sup>1</sup> 7% Tolerance

<sup>2</sup> Limited Warranty can be found at: [www.spectrumkingled.com/warranty](http://www.spectrumkingled.com/warranty)

<sup>3</sup> Requires compatible 0-10V Controller or Manual Dimmer Knob (sold separately)



## Photometrics

Lumen <sup>1</sup>	178,500 lm
Efficacy	170 lm/W
CCT	3500K
CRI	90

1 7% Tolerance

## Dimming Curve



## AC Input Table (200-277VAC)

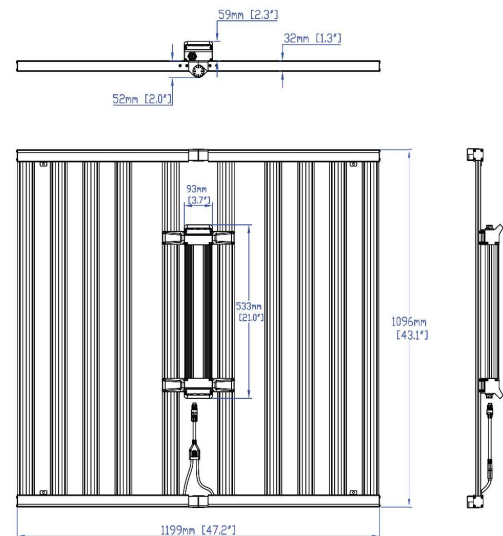
VAC	208	220	240	277
AC Current	5.1	4.8	4.4	3.8
AC Wattage	1063	1060	1055	1050
PF	0.99	0.99	0.99	0.98
Input Freq	50/60	50/60	50/60	50/60
BTU	3625	3615	3598	3581

## Dimming @ 277VAC, 60 Hz (200-277VAC)

Dimming	100%	90%	80%	40%	10%
Wattage	1050	925	816	404	110
PF	0.98	0.97	0.97	0.91	0.63
PPF	2940	2639	2350	1206	340
PPE	2.80	2.85	2.88	2.98	3.09
BTU	3581	3154	2781	1379	376

## Fixture Dimensions

Description	Dimensions in (mm)	Weight lbs (kg)
Engine	47.2x43.1x2.0"	18 lbs
	1199x1096x52 mm	8.2 kg
Fixture	47.2x43.1x4.3"	27 lbs
	1199x1096x111 mm	12.2 kg
120-277V Driver	21.0x3.7x2.3"	8.6 lbs
	533x93x59 mm	3.9 kg
Box	45.2x25.5x3.5"	31 lbs
	1150x650x90 mm	14kg



## Part Number

Family		Watts		Model		Spectrum		Input Voltage		AC Power Cord		AC Plug		DC Ext Cord		Mounting Hardware		Packaging		Internal Order Code	
Code	Name	Code	Name	Code	Name	Code	Name	Code	Name	Code	Name	Code	Name	Code	Name	Code	Name	Code	Name	Code	Name
SKPHX	Phoenix	X10	1050	000	Standard	F1	SK Flower	01	120-277	0	10 ft	0	NEMA 5-15p	0	None	CT	Cable Ties/Pulley	00	Single Pack	0000	
										1		1	NEMA 6-15P	6	6ft	RM	Driver Hangers				
										2		2	NEMA L7-15P								
										3		3	NEMA L7-20P								