

TECHNICAL INFO SHEET SUNBLASTER

SUNBLASTER T5HO COMPARISON TO SUNBLASTER LED

Introduction

SunBlaster Lighting has recently introduced our SunBlaster LED Strip Lights into the horticultural industry. Following the path of our highly successful T5HO lighting kits and NanoTech T5 reflectors, these new LED Strip Lights offer a few major advantages to consider when switching from our existing T5 lighting systems, or when selecting a lighting source for your specific application.



Key Benefits of SunBlaster LED Strip Lights

- Long life, high performance, LED for the highest quality light source
- Standard construction incorporates Full Spectrum 6400K light output for growing
- High Power Factor - extremely efficient at converting power into useable light
- Inter changeable - 100% interchangeable with existing T5HO lighting kits
- Poly carbonite optically transparent LED protective Shield
- Sleek, rugged aluminum housing
- Self-Cooling Technology
- Dust and splash resistant
- Zero Mercury content
- No moving parts, silent operation

SUNBLASTER LED STRIP LIGHTS	4'	3'	2'	18"	12"
Spectrum	6400K	6400K	6400K	6400K	6400K
Power	48W	36W	24W	18W	12W
Lumens per watt	107	108	106	108	104
Lumen Output	5150	3900	2550	1950	1250
LED Count	96	72	48	36	24
Mercury Content	0	0	0	0	0
Lamp Life expected	50K hrs.	50K hrs.	50K hrs.	50K hrs.	50K hrs.

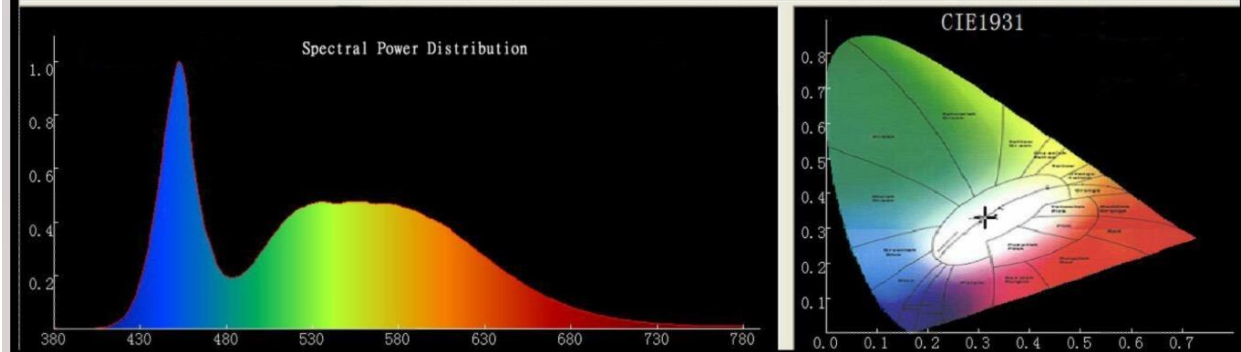
SUNBLASTER T5HO	4'	3'	2'	18"	12"
Spectrum	6400K	6400K	6400K	6400K	6400K
Power	54W	39W	24W	17W	11W
Lumens per watt	78	77	77	70	64
Lumen Output	4150	2850	1650	1180	720
Mercury Content	≤5.0mg	≤5.0mg	≤3.0mg	≤2.8mg	≤2.8mg
Lamp Life expected	10K hrs.	10K hrs.	10K hrs.	10K hrs.	10K hrs.

Additional information will be made available on our website or by contacting a SunBlaster Sales or Marketing Executive as that information becomes available.

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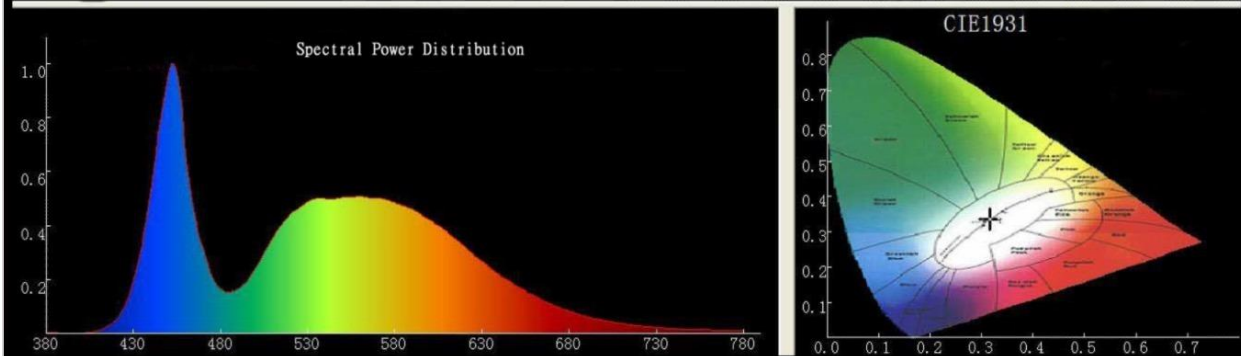
SUNBLASTER LED - 4'

Colorimetric Parameter	Photoelectric Parameters	Instrument Status	Product Characteristics
x=0.3119 y=0.3280 CRI: Ra = 77.1	Flux: 4730.11m	NHV: 303	Name: QGHOGCLED-48-120
u=0.1977 v=0.3118 R1 =78 R2 =85 R3 =88	Efficacy: 100.21m/W	Main Peak: 12681	Ball Inside Temp: 26.2°C
CCT: 6555K R4 =79 R5 =78 R6 =78	Voltage: U =119.4V	ID: 6	Ball Outside Temp: 26°C
Peak Wave: 453nm R7 =88 R8 =68 R9 =-1	Current: I =0.398A	REF: 3	Humidity: 65%
Half Width: 24.0nm R10=62 R11=77 R12=48	Power: P =47.2W	Max F.: -1.8%	Test Date: 2016-07-02
Domi Wavel: 489.4nm R13=80 R14=94 R15=74	Power Factor: Pf=0.993	Interval: 5nm	
Color Purity 7.6 % Color Index R=14.3% G=0.0% B=0.0%	Radiant Power: 16.067W	Scan Range: 380-780nm	



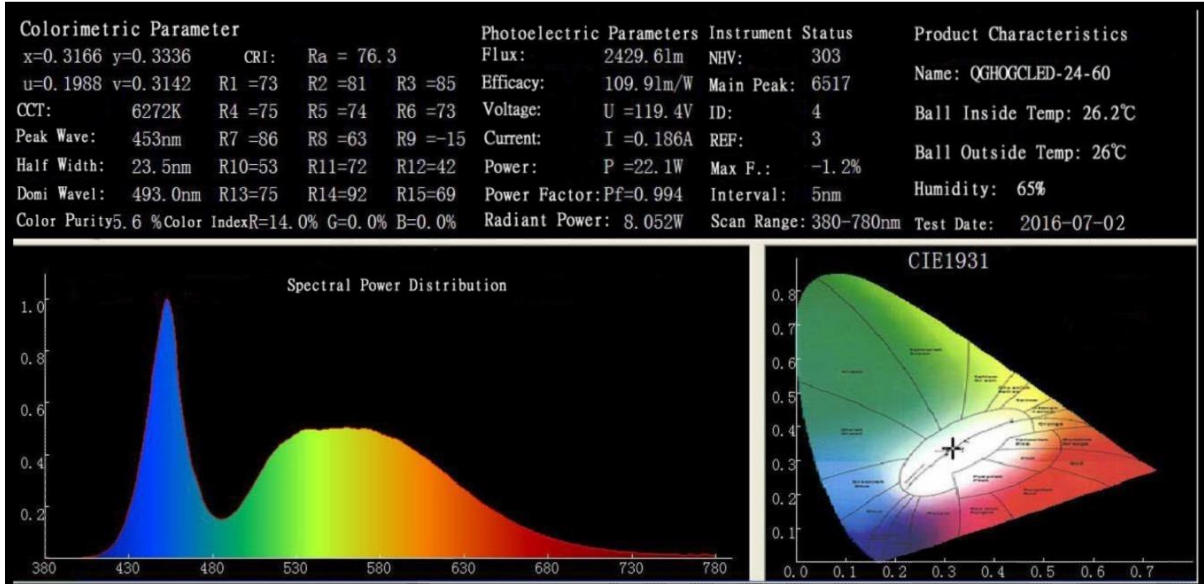
SUNBLASTER LED - 3'

Colorimetric Parameter	Photoelectric Parameters	Instrument Status	Product Characteristics
x=0.3156 y=0.3323 CRI: Ra = 76.4	Flux: 3667.81m	NHV: 303	Name: QGHOGCLED-36-90
u=0.1986 v=0.3137 R1 =74 R2 =81 R3 =85	Efficacy: 103.31m/W	Main Peak: 9855	Ball Inside Temp: 26.2°C
CCT: 6330K R4 =76 R5 =74 R6 =73	Voltage: U =119.4V	ID: 4	Ball Outside Temp: 26°C
Peak Wave: 453nm R7 =86 R8 =64 R9 =-15	Current: I =0.300A	REF: 3	Humidity: 65%
Half Width: 24.1nm R10=53 R11=72 R12=42	Power: P =35.5W	Max F.: -1.1%	Test Date: 2016-07-02
Domi Wavel: 492.0nm R13=75 R14=91 R15=69	Power Factor: Pf=0.993	Interval: 5nm	
Color Purity 6.1 % Color Index R=14.0% G=0.0% B=0.0%	Radiant Power: 12.193W	Scan Range: 380-780nm	

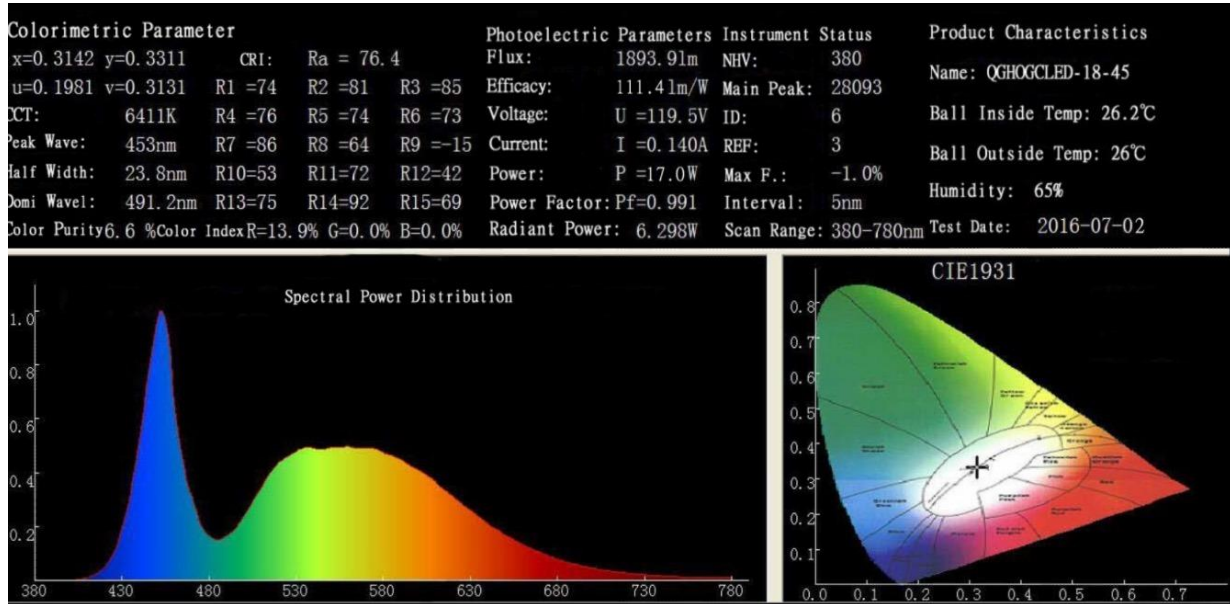


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SUNBLASTER LED - 2'

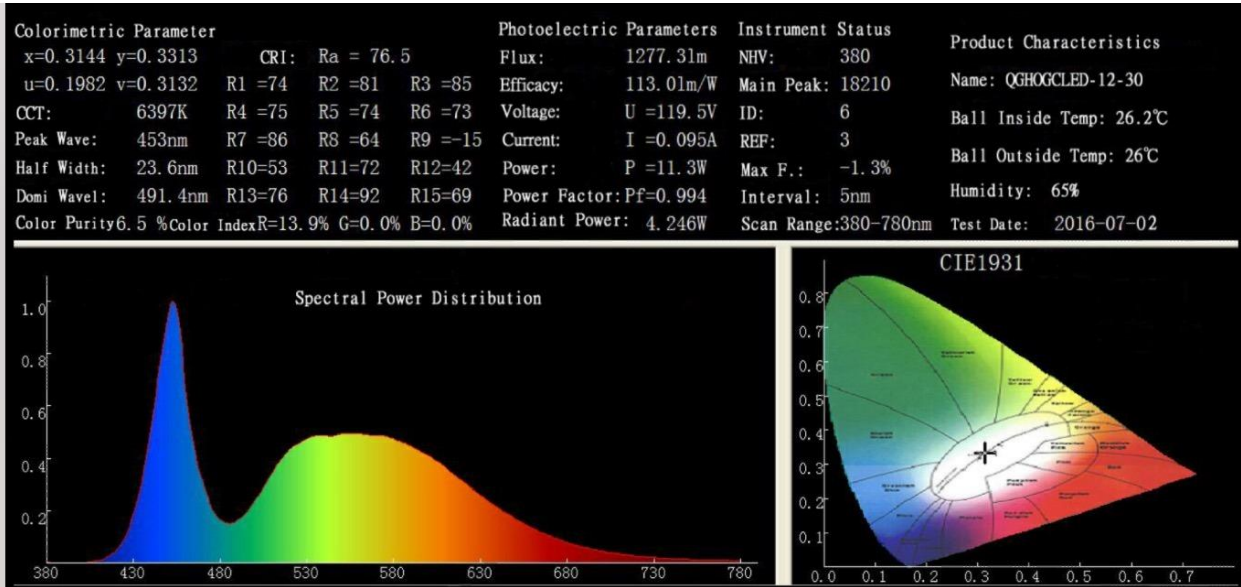


SUNBLASTER LED - 18"



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SUNBLASTER LED - 12"



SUNBLASTER LED ON THE TEST BENCH



CLEAR, BRIGHT, BRILLIANT LIGHT, SEE WHAT YOU ARE GROWING