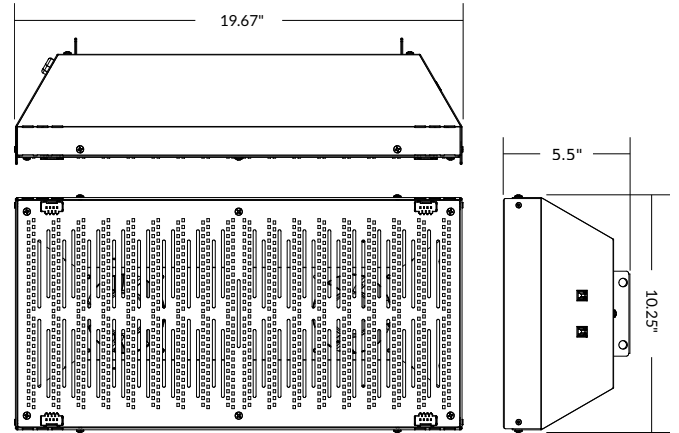




# ONE4ONE-BR50

Efficiency Optimized

✕ Craft to commercial, we grow better plants



## KEY FEATURES

**1591**  
UMOL/S

**2.7**  
UMOL/J

**594**  
WATTS

**5 Year**  
WARRANTY

**< 13.5 lbs**  
LIGHTWEIGHT

The original 1:1 HPS replacement for greenhouse and indoor growers. Combining patented spectral technology in a lightweight and compact form factor like no other, the ONE4ONE sets a new standard in efficient top lighting. Experience the difference from install to harvest.

Proudly Designed and Manufactured in Spokane, WA

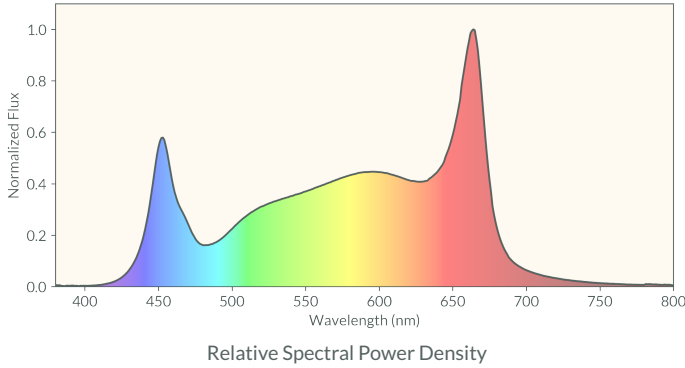
## SPECIFICATIONS

Dimensions (L x W x H)	19.67" x 10.25" x 5.5"
Weight	13.5 lbs
Input Power	594 W
Input Voltage Range	120-277 Vac, 50/60 Hz
Power Factor / THD	> 90% / < 20%
Spectrum	BR50
Output Flux	1591 umol/s
Output Efficiency	2.7 umol/J
Lifetime Q70 / Q90	76000 hrs / 50000 hrs
Operating Temperature	-40 to 40 °C / -40 to 104 °F
Rec. Minimum Mounting	> 36 in
Certifications	UL, DLC
Warranty	5 years, 90% output

## ORDERING TABLE

Series	Power Class	Spectrum	Input Range
CT141	640	BR50	ST
CABA TECH ONE4ONE	Series Wattage	High Red CEA Spectrum	120-277 Vac

# SPECTRUM INFORMATION



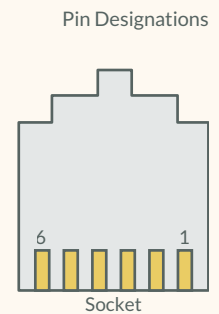
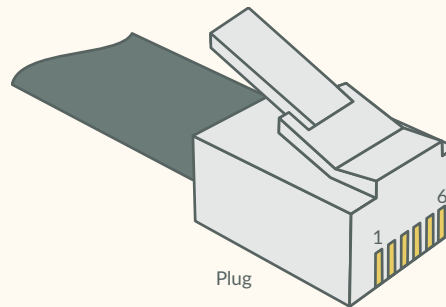
## BR50 Spectrum

Output	1591 umol/s
Efficacy	2.7 umol/J
Blue:Red Ratio	0.3
Red:Far Red Ratio	21.66
UV Content	0%

# DIMMING INTERFACE

Fixture Dimming Interface	Fixture Mounted RJ12 Socket
Supported Protocols	0-10V, PWM, Resistive
Compatible Cables	Straight Wired RJ12 or RJ11
Dimming Range	Dim-to-Off
Tunable Spectrum	2CH Tunable Spectrum

Pin	Function
1	N/A
2	CH1 +
3	CH1 -
4	CH2 +
5	CH2 -
6	N/A



# DLC PRODUCT INFORMATION

DLC Product Category	Horticultural Lighting Fixture
Controlled Environment	Indoor (Stacked), Greenhouse
Lighting Scheme (Position)	Top Light
Lighting Scheme (Usecase)	Sole-Source, Supplemental

# CORD OPTIONS

Comes standard with a 10ft IP68 cable, equipped with a NEMA 6-15P plug. Adapter included for NEMA 5-15P. For additional customization, please contact us.



Spokane Valley, WA