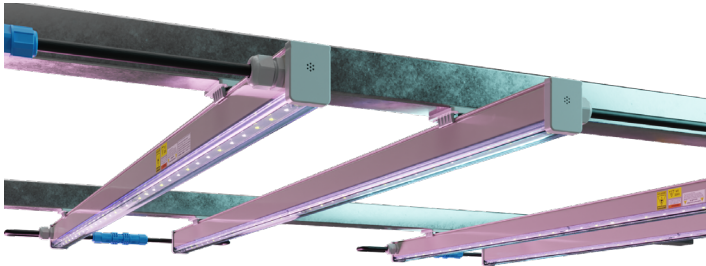


Arize Life²

Enabling efficient growth at an industrial scale



Features

- Grow vertically. Grow sustainably. Grow more.
- Vertical and multi-tier indoor cultivators can reach new heights of productivity with Arize Life², our latest generation of daisychainable, high-efficiency LED horticultural light bars. Designed specifically to meet the needs of vertical and multitier indoor cultivators, Arize Life² offers a sustainable, efficient and scalable horticultural lighting solution.
- Applications include Indoor stacked and non-stacked, top light, sole source lighting

Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. [Click here for Acrylic-Polycarbonate Compatibility table](#) for suitable uses.

Certain airborne contaminants may adversely affect the functioning of LEDs and other electronic components, depending on various factors such as concentrations of the contaminants, ventilation, and temperature at the end-user location. [Click here for a list of substances](#) that may not be suitable for interaction with LEDs and other electronic components.

Product specifications

Light source	LED
Input voltage	120 - 277V
Spectrum	Various - see chart
Photosynthetic Photon Flux PPF (High Output)	70-206 $\mu\text{mol/s}$
Efficacy	2.2 to 3.2 $\mu\text{mol/j}$
Dimming	0-10V (dim to off)
Distribution	126°
Power Factor	>0.9
Q90	>50,000 hours ⁶
Operating temperature	0°C to 40°C (32°F to 104°F)
Thermal Mgt	Passive
Listing	IP66, UL 8800 wet location, UL E492907, CE, UKCA, DLC
Lens	Polycarbonate
Mounting height	>6" (15.24 cm) above canopy
Limited Warranty	Five-year warranty

⁶Average rated life based on industry standard measurements

Warranty: 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

The product images shown are for illustration purposes only and may not be an exact representation of the product.

Catalog number	UPC	Spectrum	Max source current	Input watts	PPF (μMOL/S)	EFFICACY (μMOL/J)	Length	Job pack Qty.
VAL2 L48 PUR SEFY JP10	00197589992076	PUR	0.3mA 4 ft.	32	103	3.2	4 ft.	10
VAL2 L48 PUB SEFY JP10	00197589992120	PUB	0.3mA 4 ft.	32	97	3	4 ft.	10
VAL2 L48 PPF SEFY JP10	00197589992090	PPF	0.3mA 4 ft.	30	90	3	4 ft.	10
VAL2 L48 PPV SEFY JP10	00197589992151	PPV	0.3mA 4 ft.	32	90	2.7	4 ft.	10
VAL2 L48 PKR SEFY JP10	00197589974799	PKR	0.3mA 4 ft.	32	90	2.8	4 ft.	10
VAL2 L48 PKB SEFY JP10	00197589974805	PKB	0.3mA 4 ft.	32	90	2.7	4 ft.	10
VAL2 L48 PKR SEFY JP10	00197589992199	PKR	0.3mA 4 ft.	32	89	2.7	4 ft.	10
VAL2 L48 BRI SEFY JP10	00197589974812	BRI	0.3mA 4 ft.	32	77	2.3	4 ft.	10
VAL2 L48 BRV SEFY JP10	00197589974904	BRV	0.3mA 4 ft.	32	70	2.2	4 ft.	10
VAL2 L96 PUR SEFY JP10	00197589974904	PUR	0.6mA 8 ft.	64	206	3.2	8 ft.	10
VAL2 L96 PUB SEFY JP10	00197589992168	PUB	0.6mA 8 ft.	64	194	3	8 ft.	10
VAL2 L96 PPV SEFY JP10	00197589992212	PPV	0.6mA 8 ft.	64	180	2.7	8 ft.	10
VAL2 L96 PKB SEFY JP10	00197589974898	PKB	0.6mA 8 ft.	64	180	2.7	8 ft.	10
VAL2 L96 PKR SEFY JP10	00197589974775	PKR	0.6mA 8 ft.	64	180	2.8	8 ft.	10

Accessories	
VALWB J12	Standard mounting clip
VALWBN J12	Slim mounting clip
VALCNPQD4CD10FT	10' M19 leader cable, dimming
VALCPQDSB 5-15P	6' m19 leader cable, wall plug, non-dimming
VALCPQDTL20A L6-20P	6' M19 leader cable, L6-20P 240V twist-lock plug, non-dimming
VALCPQDTL20A L7-20P	6' M19 leader cable, L7-20P 277V twist-lock plug, non-dimming
VALEX2FT	2' M19 jumper cable, dimming (18AWG / 6A)
VALEX1M5F4CD4FT	4' splitter, 1 M19 male to 5 M19 female connectors, dimming
VALC CLIP J100	Cable clamps to secure fixture connection cables
VALMBINV J20	Subcanopy Mounting Bracket
VALCNPQDAC	6' (1.8m) M19 leader cable, no plug, non-dimming (NA)
VALEX1M5F4CD15A4FT	8ft (2.4m) Splitter with 1 M25 male to 5 M19 female connectors with dimming
VALCNPQD4CD15A	6ft (1.8m) M25 Leader with dimming, 15A, NA
VALEX15A2FT	2ft (0.6m) M25 Jumper with dimming (14AWG / 15A)
VALCNPQD4CD	6' (1.8m) M19 leader cable, no plug, dimming (NA)
VALCNPQD4CD25FT	25' (1.8m) M19 leader cable, no plug, dimming (NA)
VALCNPQDAC10FT	10' (1.8m) M19 leader cable, no plug, non-dimming (NA)

Spectrum Photon Distribution				
Ratio	Blue PF	Green PF	Red PF	Far Red PF
PUR	10%	0%	90%	0%
PUB	20%	0%	80%	0%
PPV	40%	0%	60%	0%
PPF	11%	0%	84%	5%
PKR	8%	15%	77%	0%
PKB	16%	15%	69%	0%
PKF	8%	15%	72%	5%
BRI	15%	38%	47%	0%
BRH	25%	38%	37%	0%

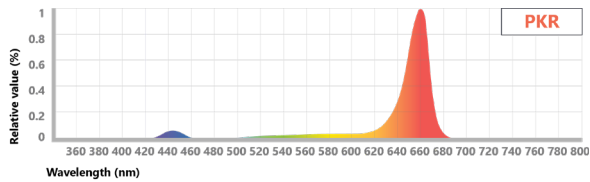
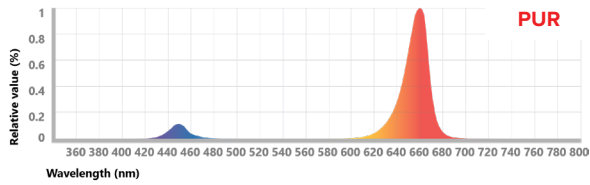
Fixture Length	Maximum Bars Per Leader Cable				Qty of Mounting Clips	Electrical Loading Detail Typical Current (A)			
	120VAC	208VAC	230VAC	277VAC		120VAC	208VAC	230VAC	277VAC
4 ft	14	20	26	26	2	0.30	0.17	0.16	0.14
8 ft	7	10	13	13	3	0.60	0.34	0.32	0.28

Operational Data				
FIXTURE LENGTH	SPECTRUM	ELECTRICAL POWER (W)	PPF (μMOL/S)	EFFICACY (μMOL/J)
L48	PUR	32	103	3.2
L48	PUB	32	97	3
L48	PPF	30	90	2.3
L48	PPV	32	90	2.7
L48	PKR	32	90	2.8
L48	PKB	32	90	2.7
L48	PKF	32	89	2.7
L48	BRI	32	77	2.3
L48	BRH	32	70	2.2
L96	PUR	64	206	3.2
L96	PUB	64	194	3
L96	PPV	64	180	2.7
L96	PKB	64	180	2.7
L96	PKR	64	180	2.8

Photometric Data

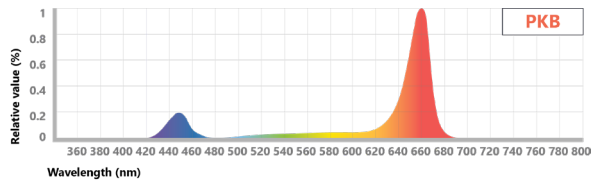
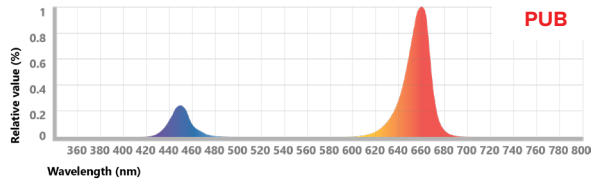
Type R

High red light to optimize plant growth and photosynthesis



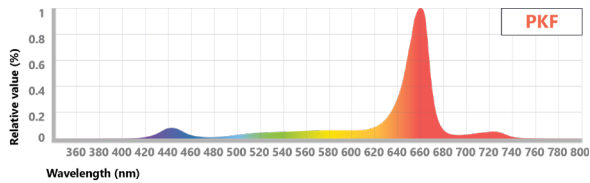
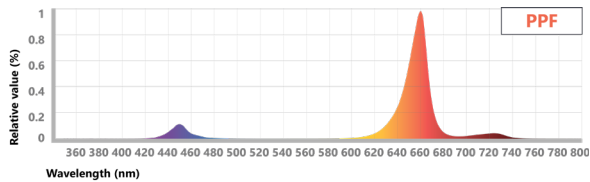
Type B

Light that supports biomass and secondary metabolite production



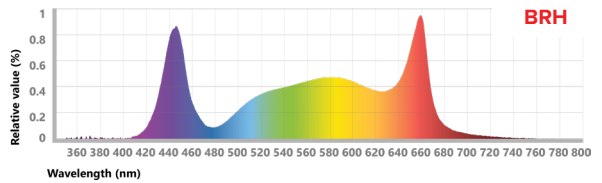
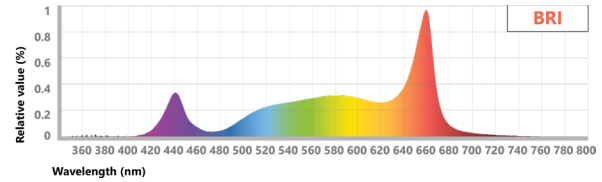
Type F

Encourages a stretching and expansion response for more robust growth



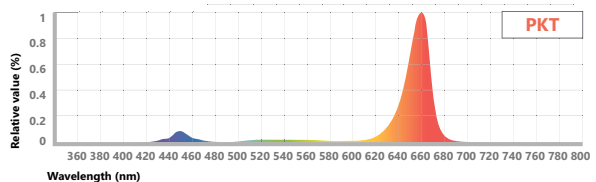
Type BR

Increased blue ratio boosts secondary metabolite production to promote crop quality and phytochemical profile



Type T

Increased blue and green ratios boost secondary metabolite production to promote crop quality and phytochemical profile



Dimensions and Weight		
	4 ft.	8 ft.
L x W x H	47.3" x 1.5" x 2.0"	95.0" x 1.5" x 2.0"
	120.1 x 3.8 x 5.1 cm	241.3 x 3.8 x 5.1 cm
Weight	2.75 lbs (1.25 kg)	5.29 lbs (2.40 kg)