

CUSTOMER NAME

PROJECT NAME

DATE

TYPE

CATALOG NUMBER

Arize® Life²

HORT144EU

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 daisy-chainable, high-efficiency LED horticultural light bars. Designed specifically to meet the needs of vertical and multi-tier indoor cultivators, Arize Life² offers a sustainable, efficient and scalable horticultural lighting solution.

Optical System

Light Distribution	126°
Spectrums	PPR, PPB, PPF, PPV, PKR, PKB, PKF, BRI, BRV

Ambient Temperature

TYPE	TEMPERATURE RATING
Operating Temperature	0°C to 40°C (32°F to 104°F)

¹ Tested at 40°C per TM-21

Electrical

Input voltage	120-277V
Max source current	0.3mA 4 ft., 0.6mA 8 ft.
Dimming voltage	0-10V
Dimming range	10% - 100%
Power factor	>0.9
Efficacy Range	2.2 to 3.2 µmol/j
IP rating	IP66, UL 8800 wet location
Cooling	Passive

¹ Tested at 40°C per TM-21

Mounting Height

>6" (15.24 cm) above canopy

Rated Lifetime

L90: >54,000 hours¹

Box Quantity

10 per box

Certifications & Warranty

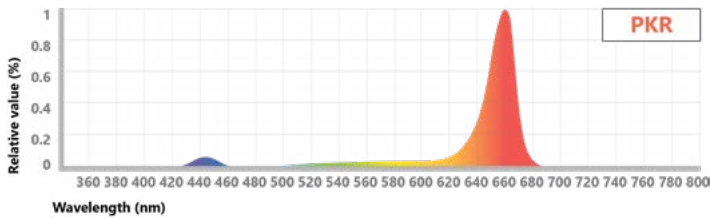
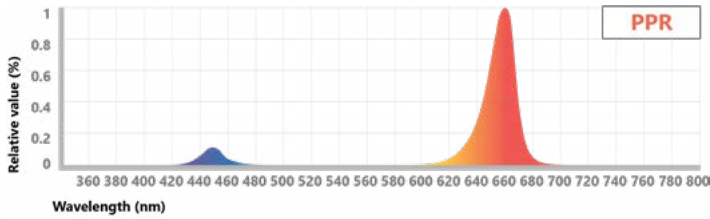
Five-year limited warranty
UL E492907, CE, UKCA



Spectra

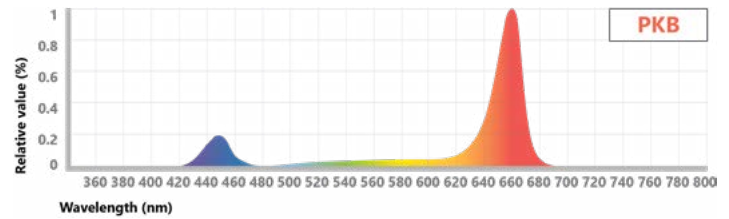
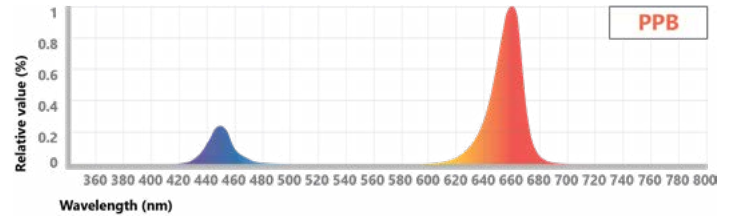
Type R

High red light to optimize plant growth and photosynthesis



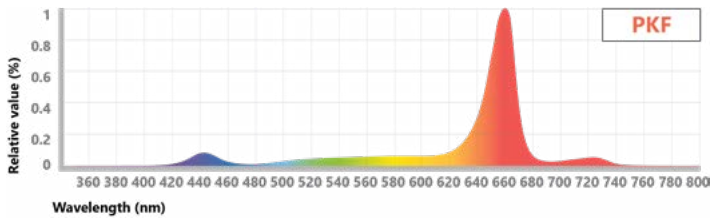
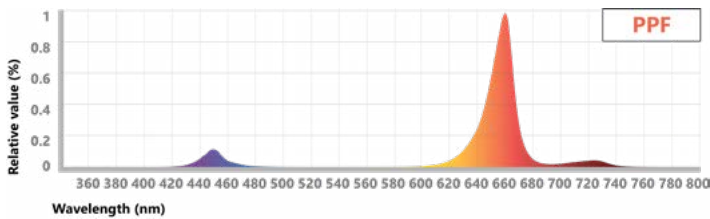
Type B

Light that supports biomass and secondary metabolite production



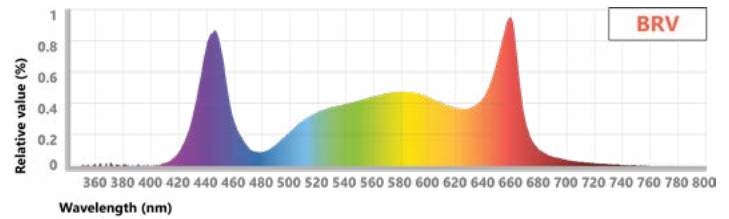
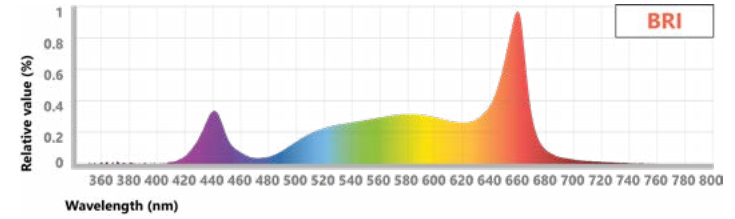
Type F

Encourages a stretching and expansion response for more robust growth



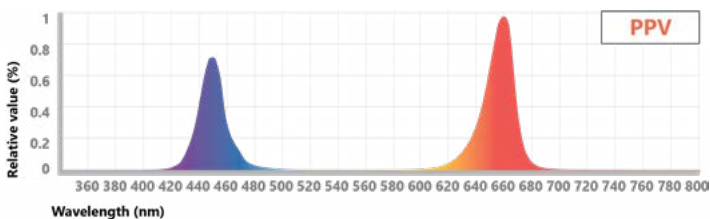
Type BR

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



Type V

Lowest red light for secondary metabolite production to promote plant structure and leaf mass



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SPECTRUM PHOTON DISTRIBUTION

Ratio	Blue PF	Green PF	Red PF	Far Red PF
PPR	10%	0%	90%	0%
PPB	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%
BRV	25%	38%	37%	0%

Installation options

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
1.22 m/4 ft	14	20	26	26	2	0.30	0.17	0.16	0.14
2.44 m/8 ft	7	10	13	13	3	0.60	0.34	0.32	0.28

Specifications

SKU	DESCRIPTION	SPECTRUM	ELECTRICAL POWER (W) ²	PPF (μMOL/S) ¹	EFFICACY (μMOL/J) ²	LENGTH
93137762	GEHL48HPPR3	PPR	32	103	3.2	1.22 m/4 ft
93137764	GEHL48HPPB3	PPB	32	97	3.0	1.22 m/4 ft
93137763	GEHL48HPPF3	PPF	30	90	3.0	1.22 m/4 ft
93137765	GEHL48HPPV3	PPV	32	90	2.7	1.22 m/4 ft
93137936	GEHL48HPKR3	PKR	32	90	2.8	1.22 m/4 ft
93137938	GEHL48HPKB3	PKB	32	90	2.7	1.22 m/4 ft
93137937	GEHL48HPKF3	PKF	32	89	2.7	1.22 m/4 ft
93137939	GEHL48HBRI3	BRI	32	77	2.3	1.22 m/4 ft
93137940	GEHL48HBRV3	BRV	32	70	2.2	1.22 m/4 ft
93137941	GEHL96HPPR3	PPR	64	206	3.2	2.44 m/8 ft
93137942	GEHL96HPPB3	PPB	64	194	3.0	2.44 m/8 ft
93137943	GEHL96HPPV3	PPV	64	180	2.7	2.44 m/8 ft
93137945	GEHL96HPKB3	PKB	64	180	2.7	2.44 m/8 ft
93137944	GEHL96HPKR3	PKR	64	180	2.8	2.44 m/8 ft

¹ Typical PPF +/-10% ² Tested at maximum input voltage

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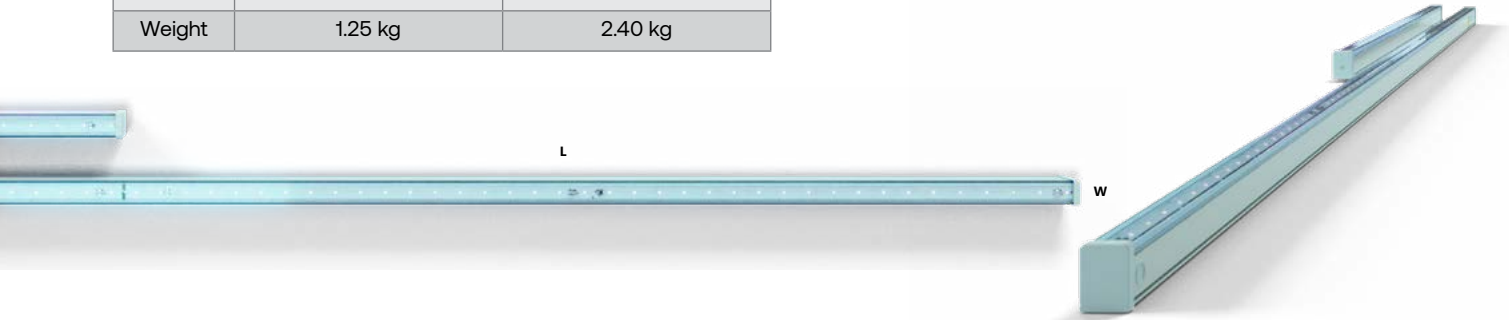
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Dimensions

	1.22 M/4 FT	2.44 M/8 FT
L x W x H	120 x 4 x 5 cm	241 x 4 x 5 cm
Weight	1.25 kg	2.40 kg



Accessories

SKU	PRODUCT CODE	DESCRIPTION	PACKAGE QUANTITY
88818	Wet Clip Standard	Standard Mounting Clip	12 clips per bag
10734	Wet Clip Slim	Slim Mounting Clip	12 clips per bag
93142234	GECA30A18-BB10B	10' (3m) M19 leader cable, dimming	1 cable per bag
93142232	GECA30A18-BB06B	6' (1.8m) M19 leader cable, wall plug, non-dimming	1 cable per bag
93142246	GECA30A18-BC06B	6ft (1.8m) Leader with dimming	1 cable per bag
93142248	GECA30A18-BC10B	10ft (3.0m) Leader with dimming	1 cable per bag
93142252	GECA30A18-CF02B	2' M19 jumper cable, dimming	1 cable per bag
93142254	GECA30A14-BG06B	6ft (1.8m) Leader with dimming, 15A, EU	1 cable per bag
93142255	GECA30A14-CH02B	2ft (0.6m) Jumper with dimming	1 cable per bag
93142256	GECA30A14-CI04B	4' splitter, 1 M19 male to 5 M19 female connectors, dimming	1 cable per bag
93142257	GECA30A14-CJ08B	8ft (2.4m) Splitter with 1 M25 male to 5 M19 female connectors with dimming.	1 cable per bag
35-414067-01	Nylon Wire Clip	Cable clamps to secure fixture connection cables	100 clamps per bag

Optimized

Four all-new spectra complete our 9 spectral offerings, for every stage from propagation through harvest

Sustainable

Efficiency levels hitting 3.2 µmol/J lets you grow more while consuming less than ever before

Effortless

Increased run lengths and simplified connectors make the Life² even easier to install than the previous generation

Awarded

A 2021 Center of Excellence for Indoor Agriculture 'Best in Class'™ Award winner in the LED Light Fixture category.