Arize®

Arize® Integral
HORT167

Scalable lighting system for multi-layer cultivation

Adding supplemental LED lighting within the canopy of high wire crops is proven to encourage plant growth, accelerate fruit ripening speed and substantially increase yield. The Integral features a bidirectional 120° beam angle, immersing lower leaves on both sides of the fixture in light, and best-in-class efficacy of 3.5 µmol/J, for more sustainable growth.

Optical System

Light Distribution	120° per side
Spectrums	PPR

Electrical

THD	< 20%
Efficacy range	3.5 µmol/j
Power factor	> 0.94
IP rating	IP66
Cooling	Passive

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

Rated Lifetime

L90: >54,000 hours[2]

Box Quantity

10 per box

Certifications & Warranty

UL, CE, UKCA
5-year limited warranty

Specifications

SKU	ORDER CODE	INPUT VOLTAGE	POWER FACTOR	SPECTRUM	POWER[1] (W)	PPF[1] (µMOL/S)	EFFICACY[1] (µMOL/J)	LENGTH
93150990	GEHIHPPR8S7N1 LV	120-277VAC	0.94	PPR	99	346	3.5	7'9" (2.36m)
93151001	GEHIHPPR8S8N1 HV	277-480VAC	0.96	PPR	94	340	3.5	7'9" (2.36m)

[1] Ratings based on maximum input voltage. Typical performance +/- 5%

UL CERTIFIED

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Physical Specifications

DIMENSIONS AND WEIGHT				
FIXTURE (L1)	**LENS (L2)**	**WIDTH (W)**	**HEIGHT (H)**	**WEIGHT**
7'9" 2360mm	7'4" 2241mm	2.3" 58.6mm	2" 52mm	5.5 lbs 2.5 kg

Light Dispersion
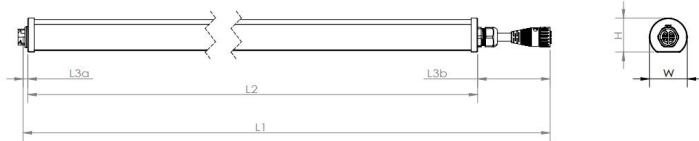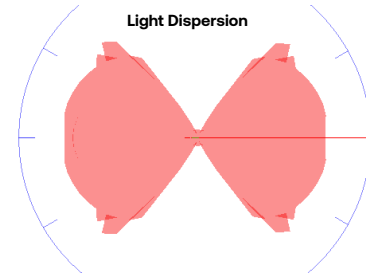
Spectrum

Type R

High red light to optimize plant growth and photosynthesis
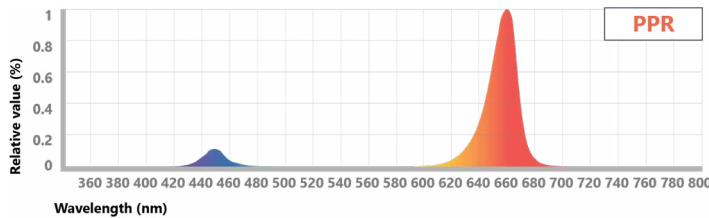
SPECTRUM PHOTON DISTRIBUTION				
Ratio	Blue PF	Green PF	Red PF	Far Red PF
PPR	10%	0%	90%	0%

Accessories

SKU	DESCRIPTION	LONG DESCRIPTION	PACKAGE QUANTITY
93151009	GEMB-CBH3	Support Cable, 22' (6.70m)	2 per bag, 75 bags per box
93151010	GEMB-WAT3	Hook Wire Form, 5.66" (144mm)	200 per box
93151011	GEMB-WAT4	Hook Wire Form, 9.60" (244mm)	200 per box
93151002	GECA60E14-OR22B	Leader Cable, 21'3" (6.5m)	1 per bag
93151003	GECA60E14-GR08B	Jumper Cable, 7'9" (2.4m)	1 per bag
93151004	GECA60E14-GR02B	Jumper Cable, 1'9" (0.6m)	1 per bag
93151005	GECA60E14-GS02B	Y Splitter Cable, 1'9" (0.6m)	1 per bag

Bigger Yields

Lighting within the canopy of high wire crops encourages plant growth, fruit production and boosts yields per square meter

Doubled Up

The Integral spreads light at a wide 120° angle from both sides of the fixture, immersing all surrounding leaves in light

Sustainable

With an efficacy level of 3.5 μmol/J, you will be maximizing your crop's output while minimizing your input

Trusted

A standard five-year warranty and a lifetime exceeding 54,000 hours ensures consistent, predictable yields for years to come

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