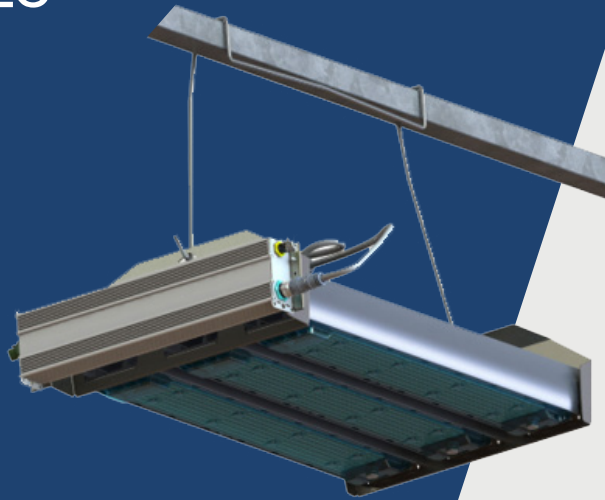




CUSTOMER NAME

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DATE

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CATALOG NUMBER

Arize Element L2000

HORT180

Enabling efficient growth at an industrial scale

The go-to solution for light-loving crops, the Arize Element L2000 puts out a maximum PPF of 3400 $\mu\text{mol/s}$, an 83% increase compared to legacy 1000W HPS fixtures. With an optical design that surpasses legacy HPS light distribution, cultivators can produce top quality harvests in all seasons using fewer fixtures.

Optical System

Light Distribution	XW Optic
Spectrums	PKT, PKR, PKF, PKB, BRI

Ambient Temperature

Operating Temperature	0°C to 35°C (32°F to 95°F)
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Electrical

Max Source Current	450uA
Input Voltage	277-480V
Efficacy Range	2.7 to 3.3 $\mu\text{mol/j}$
Dimming Range	0-10V
Dim-to-Off ²	Yes
Dim Off Voltage	0.35-0.65 V (typ. 0.5 V)
Dim On Voltage	0.55-0.85 V (typ. 0.7 V)
Dimming Output Range	10%-100%
Power factor	>0.99 ⁴
Cooling	Passive
THD	<10% ⁵
IP Rating	IP65

¹ Use with sink dimmers only

² Refer to installation guide for dimming functionality

⁴ Tested at minimum input voltage

⁵ Tested at full intensity

⁶ Tested at 35°C per TM-21

Lifetime & Warranty

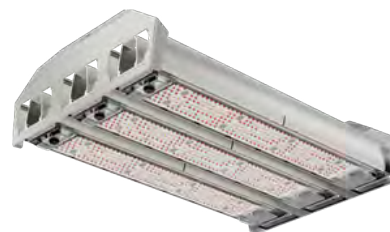
Lifetime	Q90: >50,000 hours ⁵
Warranty	Five-year system warranty
Certifications	cULus E492907

Available Configurations

2 Bars



3 Bars



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Ordering Information

GEHE _ _ _ _ W _ 3 _ _ _

FAMILY		SPECTRUM	INPUT VOLTAGE	OPTIC	OPTIONS	GEN	POWER CABLE	MOUNTING OPTIONS	PACKAGING
GEHE	H3 H2	PKT - Pink, Type T PKR - Pink, Type R PKB - Pink, Type B PKF - Pink, Type F BRI - Broad, Type I	N - No Driver (NA) 4 - 120-277V (UL) ¹ 5 - 277-480V (UL)	W - XW Optic	N - None ² D - Integrated Driver ² S - Fixture Side-by-Side with Driver	3 - Gen 3	N - No Cable 1 - 4'/122cm Leader Cable, No Plug, UL	N - None 1 - 1.625'/40mm Unistrut	Blank - Single Pack M1 - Bulk Pack

¹ Only available with Family H2² Only available with Family H3

Accessories

ORDER CODE	SKU	DESCRIPTION
GECA60C16-OL04B	93153185	AC Leader Cable, 4ft, UL
GECA60FNA-NL00B	93153189	AC Field Installable Connector, UL and CE (Wieland P.N. 96.031.4155.7)
GECA30H20-OO03B	93149020	Dimming cable, 3ft (914mm), UL and CE
GECA60C16- 7L04B	93153187	AC Leader Cable, 4ft, 16AWG, NEMA L7-15, UL
GECA30A16- HL04B	93156214	AC Leader Cable, 4ft, 16AWG, NEMA L7-20P, UL
GECA60C16-8L04B	93153188	AC Leader Cable, 4ft, 16AWG, NEMA L8-20, UL
GEMB-WBS1S-E3	93311121	STANDARD, Wire hanger, Inline 1-5/8 Unistrut Cat logic Option "N"
GEMB-WBS1SD-E3	93311122	STANDARD S-hook - DRIVER ,Wire hanger, Inline 1-5/8 Unistrut Cat logic Option "N"
GEMB-WBS1L-E3	93167897	STANDARD, Wire hanger - Inline 1-5/8 Unistrut Cat logic Option "D"
GEMB-CBH1	93153270	18" (457mm) cable universal mounting kit
GEMB-CBH2	93153281	60" (1524mm) cable universal mounting kit

Other mounting accessory sizes available upon request.

Available Models

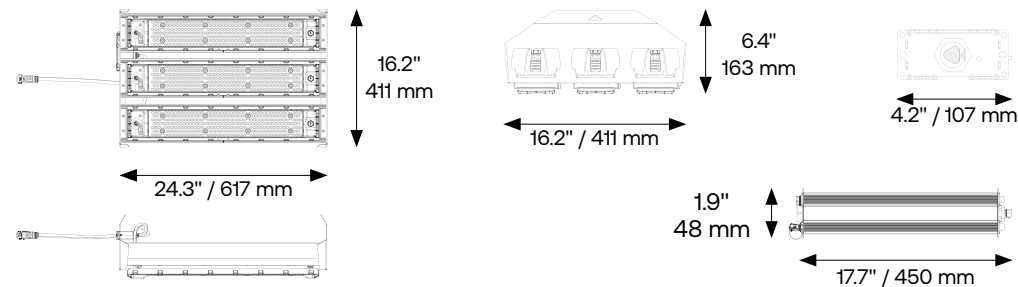
FAMILY	SPECTRUM	TYPICAL PHOTON FLUX ¹ (μMOL/S)	POWER ¹ (W)	EFFICACY ¹ (μMOL/J)
L2000 (H3 - High output, 3 bar configuration)	PKT - Pink ELB	3400	1040	3.3
	PKR - Pink LB	3100	1000	3.1
	PKB - Pink B	3130	1020	3.1
	PKF - Pink FR	3080	995	3.1
	BRI - White R	2620	988	2.7
L2000 (H2 - High output, 2 bar configuration)	PKT - Pink ELB	2000	630	3.2
	PKR - Pink LB	1900	610	3.1
	PKB - Pink B	1900	620	3.1
	PKF - Pink FR	1850	600	3.1
	BRI - White R	1800	665	2.7

¹ Tested at maximum input voltage. Typical performance +/-10%

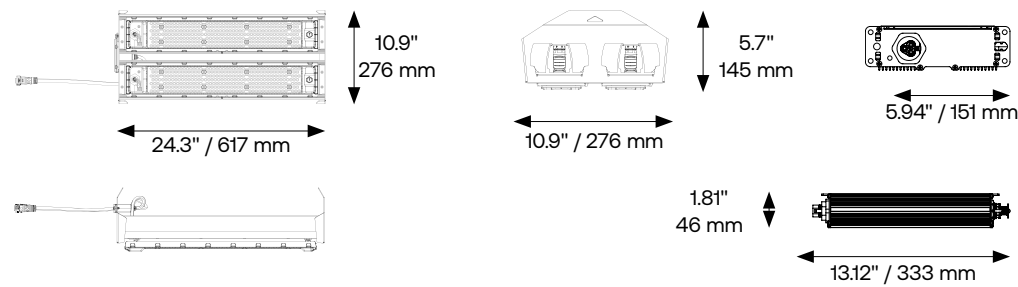
CUSTOMER NAME	
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DATE	TYPE
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Dimensions and Weight

	3-BAR	POWER SUPPLY
Length	24.3" / 617 mm	17.7" / 450 mm
Width	16.2" / 411 mm	1.9" / 48 mm
Height	6.4" / 163 mm	4.2" / 107 mm
Weight	18.7 lbs / 8,5 kg	7.0 lbs / 3,2 kg



	2-BAR	POWER SUPPLY
Length	24.3" / 617 mm	13.12" / 333 mm
Width	10.9" / 276 mm	1.81" / 46 mm
Height	5.7" / 145 mm	5.94" / 151 mm
Weight	13.4 lbs / 6,1 kg	7.0 lbs / 3,2 kg



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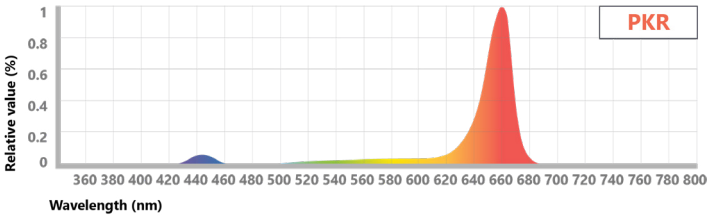
TYPE

CATALOG NUMBER

Spectral Distribution

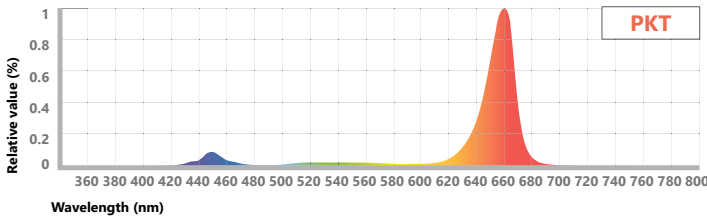
TYPE R

High red light to optimize plant growth and photosynthesis



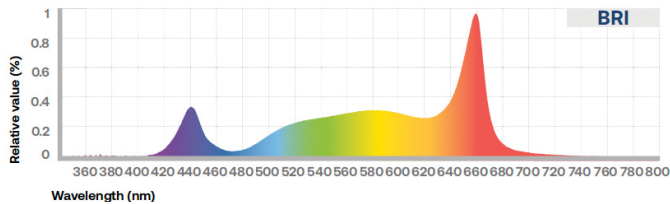
TYPE T

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



TYPE BR

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

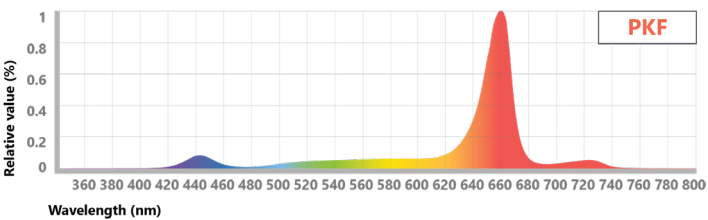


TYPICAL SPECTRAL DISTRIBUTION

Spectrum	Blue PF	Green PF	Red PF	Far Red PF
PKT	4%	8%	88%	0%
PKR	8%	15%	77%	0%
PKB	16%	15%	69%	0%
PKF	8%	15%	72%	5%
BRI	18%	35%	47%	0%

TYPE F

High red light to optimize plant growth and photosynthesis



TYPE B

Light that supports biomass and secondary metabolite production

