

LED HORTICULTURE LIGHTING SYSTEMS

# Arize Element<sup>®</sup> L2000

Jum

# Enabling efficient growth at an industrial scale

#### **Sustainable**

Efficacy levels surpassing 3.5 µmol/J make the Element one of the most efficient grow lights in its class, lowering operating expenses

#### Precise

Our second generation XW Optic efficiently spreads light, maintaining uniformity and crop quality while reducing fixture count

#### Powerful

At up to 3300 µmol/s, the Element L2000 is a true 1000W HPS replacement, reducing fixture count by 20% or increasing light density

#### Assembled in the USA

Tried and true manufacturing at our world-class Hendersonville, NC factory ensure consistent, predictable yields for years to come



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## Spectrum Table

Family	Spectrum	Typical photon flux <sup>1</sup> (μmol/s)	Power <sup>1</sup> (W)	Efficacy <sup>1</sup> (μmol/J)
L2000	PKT - Pink ELB	3300	992	3.3
	PKR - Pink LB	3100	1041	3.0
	PKF - Pink FR	2700	923	2.9
	PKT - Pink ELB	2140	606	3.5

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

## **Spectral Distribution**

Typical Spectral Distribution					
Spectrum	Blue PF	Green PF	Red PF	Far Red PF	
PKT	6%	6%	88%	0%	
PKR	8%	15%	77%	0%	
PKF	8%	15%	72%	5%	



Specifications

Dimming Range	0-10V
Max Source Current	450uA
Dim-to-Off <sup>2</sup>	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	>0.994
THD	<10%5

Use with sink dimmers only
<sup>2</sup> Refer to installation guide for dimming
functionality

<sup>4</sup> Tested at minimum input voltage
<sup>5</sup> Tested at full intensity
<sup>6</sup> Tested at 25°C per TM-21









Input Voltage	277-480V
Cooling	Passive
Light Distribution	XW Optic
Light Maintenance	Q90: >36,000 hours <sup>6</sup>
Warranty	Five-year system warranty
System Certifications	cULus E492907, CE, UKCA

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Electrical products must not be thrown out with domestic waste. They must be taken to a communal collecting point for environmentally friendly disposal in accordance with local regulations. Contact your local authorities or stockist for advice on recycling. The packaging material is recyclable. Dispose of the packaging in an environmentally friendly manner and make it available for the recyclable material collection-service.

