

**GE current**  
a Daintree company

LED HORTICULTURE LIGHTING SYSTEMS



# Arize<sup>®</sup> Life<sup>2</sup>

**Grow vertically. Grow sustainably. Grow more.**

## Optimized

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

## Sustainable

Efficiency levels hitting 3.2  $\mu\text{mol}/\text{J}$  lets you grow more while consuming less than ever before

## Effortless

Increased run lengths and simplified connectors make the Life<sup>2</sup> 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.

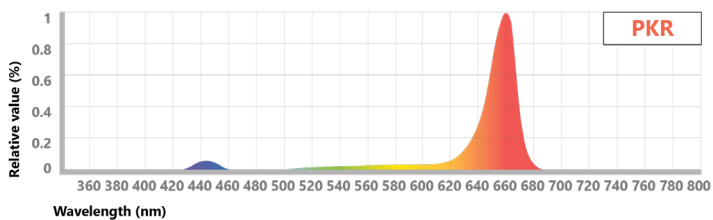
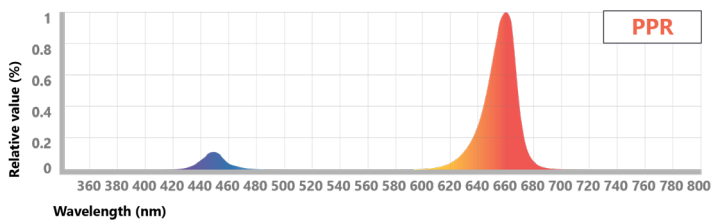


Visit [www.led.com](http://www.led.com) for the latest in lighting innovations from the inventors of the LED

## Spectra

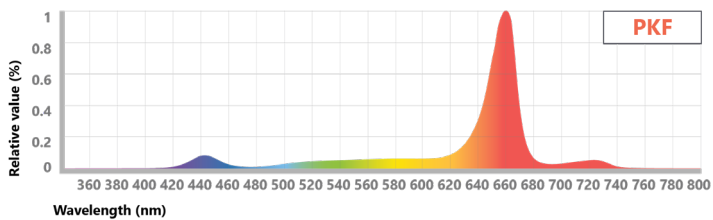
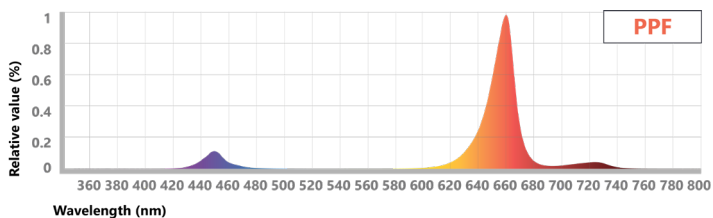
### Type R

High red light to optimize plant growth and photosynthesis



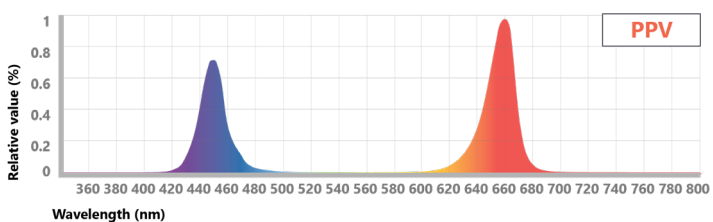
### Type F

Encourages a stretching and expansion response for more robust growth



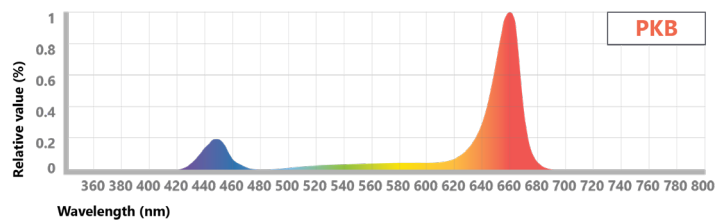
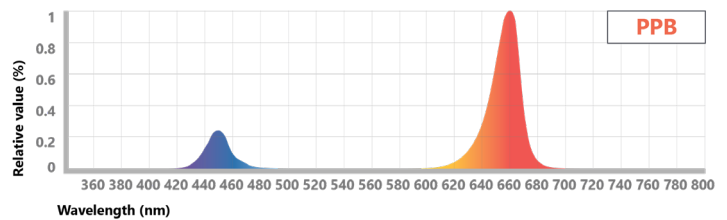
### Type V

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



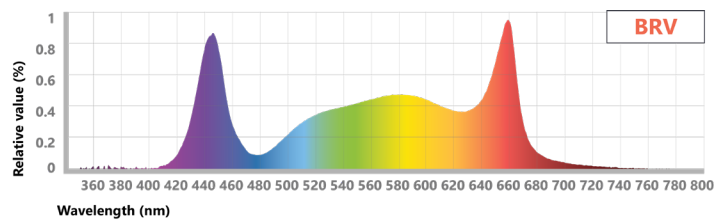
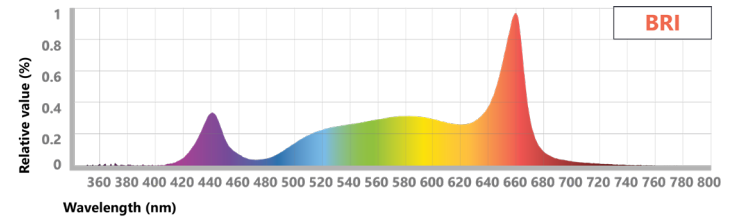
### Type B

Light that supports biomass and secondary metabolite production



### Type BR

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



### 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 |
| <b>4ft</b>     | 14                            | 20     | 26     | 26     | 2                     | 0.30  | 0.17   | 0.16   | 0.14   |
| <b>8ft</b>     | 7                             | 10     | 13     | 13     | 3                     | 0.60  | 0.34   | 0.32   | 0.28   |

## Specifications

| SKU      | Description | Spectrum | Electrical Power (W) <sup>2</sup> | PPF (μmol/s) <sup>1</sup> | Efficacy (μmol/J) <sup>2</sup> | Length |
|----------|-------------|----------|-----------------------------------|---------------------------|--------------------------------|--------|
| 93137762 | GEHL48HPPR3 | PPR      | 32                                | 103                       | 3.2                            | 4 ft.  |
| 93137764 | GEHL48HPPB3 | PPB      | 32                                | 97                        | 3.0                            | 4 ft.  |
| 93137763 | GEHL48HPPF3 | PPF      | 30                                | 90                        | 3.0                            | 4 ft.  |
| 93137765 | GEHL48HPPV3 | PPV      | 32                                | 90                        | 2.7                            | 4 ft.  |
| 93137936 | GEHL48HPKR3 | PKR      | 32                                | 90                        | 2.8                            | 4 ft.  |
| 93137938 | GEHL48HPKB3 | PKB      | 32                                | 90                        | 2.7                            | 4 ft.  |
| 93137937 | GEHL48HPKF3 | PKF      | 32                                | 89                        | 2.7                            | 4 ft.  |
| 93137939 | GEHL48HBRI3 | BRI      | 32                                | 77                        | 2.3                            | 4 ft.  |
| 93137940 | GEHL48HBRV3 | BRV      | 32                                | 70                        | 2.2                            | 4 ft.  |
| 93137941 | GEHL96HPPR3 | PPR      | 64                                | 206                       | 3.2                            | 8 ft.  |
| 93137942 | GEHL96HPPB3 | PPB      | 64                                | 194                       | 3.0                            | 8 ft.  |
| 93137943 | GEHL96HPPV3 | PPV      | 64                                | 180                       | 2.7                            | 8 ft.  |
| 93137945 | GEHL96HPKB3 | PKB      | 64                                | 180                       | 2.7                            | 8 ft.  |
| 93137944 | GEHL96HPKR3 | PKR      | 64                                | 180                       | 2.8                            | 8 ft.  |

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



## Dimensions

|           | 4ft            | 8ft            |
|-----------|----------------|----------------|
| L x W x H | 120 x 4 x 5 cm | 241 x 4 x 5 cm |
| Weight    | 1.25 kg        | 2.40 kg        |

## Specifications

|                    |                      |                       |  |
|--------------------|----------------------|-----------------------|--|
| Input voltage      | 120-277V             | Mounting height       | >6" (15.24 cm) above canopy            |
| Max source current | 0.3mA 4ft, 0.6mA 8ft | Operating environment | 0°C to 40°C (32°F to 104°F)            |
| Dimming voltage    | 0-10V                | IP rating             | IP66, UL 8800 wet location             |
| Dimming range      | 10% - 100%           | Lifetime              | L90: >54,000 hours <sup>1</sup>        |
| Power factor       | >0.9                 | Warranty              | Five-year limited warranty             |
| Cooling            | Passive              | System certifications | UL E492907, CE, UKCA, DLC <sup>2</sup> |
| Light distribution | 126°                 | Fixtures per box      | 10                                     |

<sup>1</sup> Tested at 40°C per TM-21

## 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 |



<sup>2</sup>Not all product variations listed on this page are DLC qualified. Visit [qpl.designlights.org/horticulture](http://qpl.designlights.org/horticulture) to confirm qualification.

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