



## NEPTUN GROW LIGHTING

### LED TECHNOLOGY

Lighting is a major expense in the horticulture industry. Upgrading to LED technology not only reduces electrical costs, but can greatly reduce HVAC costs with its very low heat operation. LED lighting offers significantly greater lumen output per watt and requires less maintenance as compared to traditional lighting technology such as Metal Halide and HPS.

# NEPTUN LED GROW LIGHTING

## FEATURES

- Aluminum back for excellent thermal management.
- COB contains full spectrum bands (multiple-chips)
- Built in cooling fans for optimum LED efficiency.
- Hanging system and plug included with fixture.
- IP68 optics to protect against dust and moisture.
- 5 Year Warranty.

## BENEFITS

- Full spectrum from 380-850nm & white for best growing.
- Up to 60% reduction in overall energy costs.
- Very low heat operation to lower HVAC costs.
- Instant on, flicker free, no buzzing.
- No radiated EMI interference
- 100,000 hr. rated life.

LED-GL1-050



LED-GL2-100



LED-GL4-200



LED-GL6-300



LED-GL9-450

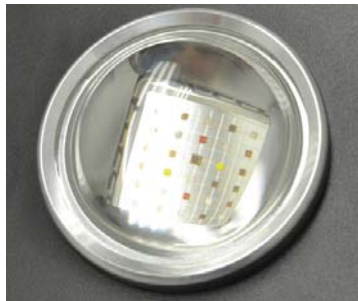


LED-GL16-800



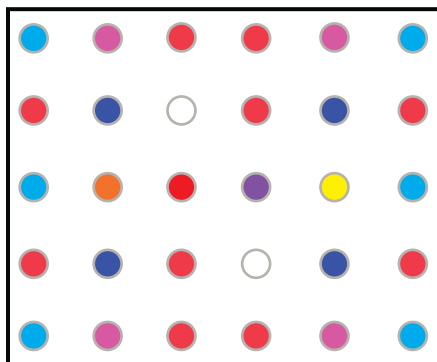
# NEPTUN LED GROW LIGHTING

## FULL SPECTRUM LED

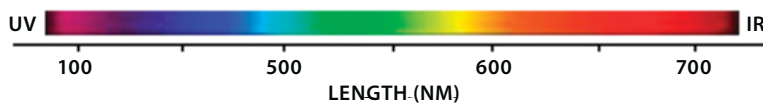


Each COB consists of 30 individual color LED's to cover the full spectrum needed for proper growth

Full Spectrums: UV380 (1pcs.), IR730 (1pcs.), 6500K (2pcs.), 440NM (4pcs.), 460NM (6pcs.), 580NM (1pcs.), 610NM (1pcs.), 630NM (4pcs.), 660NM (10 pcs.)



- 660nm 10PCS
- 400nm 1PCS
- 630nm 4PCS
- 730nm 1PCS
- 610nm 1PCS
- 6500°K 2PCS
- 440nm 4PCS
- 560nm 1PCS
- 460nm 6PCS



## MOUNTING OPTIONS

Hanging Mount



Hangers Supplied



## FEATURES

On / Off Switch & Plug



Venting for proper thermal management



lightinnovations@work™

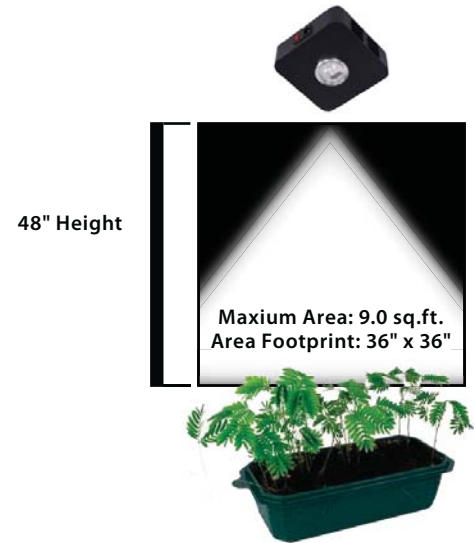
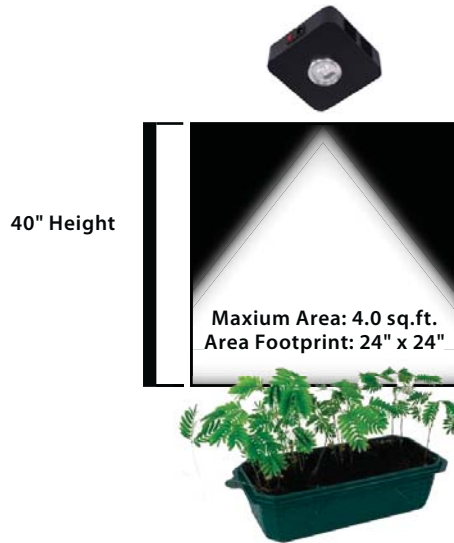
## LED-GL1-050



|                     |                      |
|---------------------|----------------------|
| Model No.:          | LED-GL1-050-UNV      |
| Wattage:            | 50                   |
| Voltage:            | 120 ~ 277VAC         |
| Wavelength Range:   | 370nm ~ 850nm        |
| Per Value/200mm:    | 615.2 Umol           |
| Product Dimensions: | 7.5" x 7.5" x 2.75"H |
| Product Weight:     | 8 lbs.               |
| Warranty:           | 5 Years              |

## GROWING TIPS

Heavy Fruiting - 18" x 18" coverage @ 36" height  
 Flowering Growth - 24" x 24" coverage @ 40" height  
 Vegetative Growth - 36" x 36" coverage @ 48" height



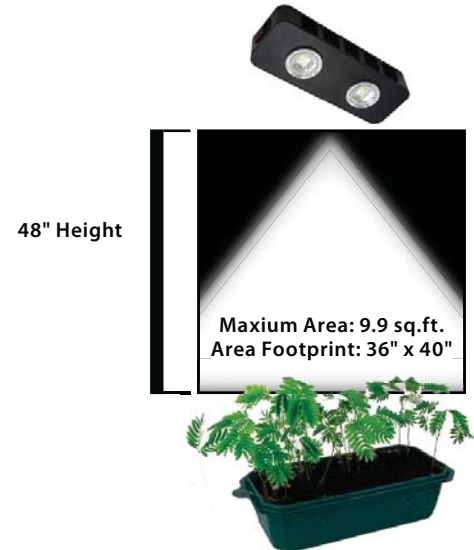
## LED-GL2-100



|                     |                         |
|---------------------|-------------------------|
| Model No.:          | LED-GL2-100-UNV         |
| Wattage:            | 100                     |
| Voltage:            | 120 ~ 277VAC            |
| Wavelength Range:   | 370nm ~ 850nm           |
| Per Value/200mm:    | 942.2 Umol              |
| Product Dimensions: | 11.25" x 6.25" x 2.75"H |
| Product Weight:     | 10 lbs.                 |
| Warranty:           | 5 Years                 |

## GROWING TIPS

Heavy Fruiting - 18" x 29" coverage @ 36" height  
 Flowering Growth - 24" x 37" coverage @ 40" height  
 Vegetative Growth - 36" x 40" coverage @ 48" height



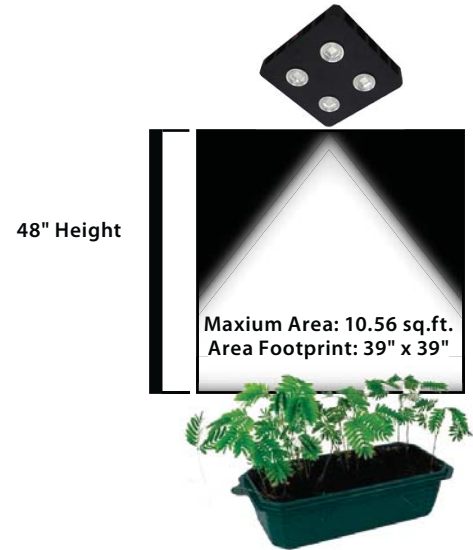
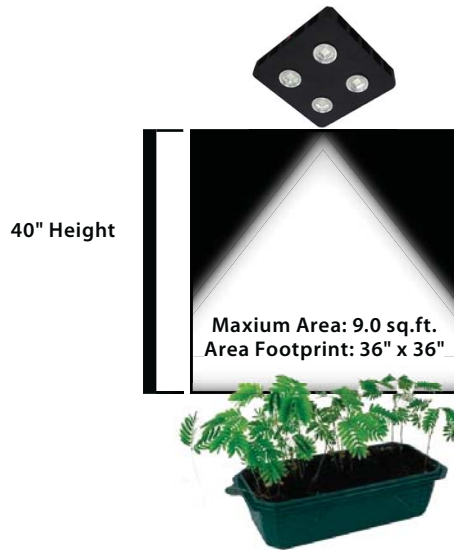
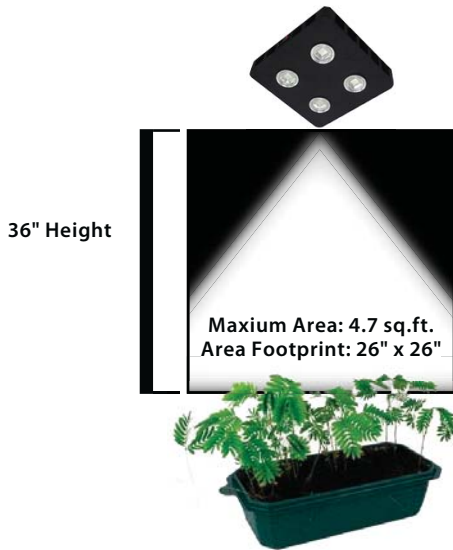
## LED-GL4-200



|                     |                          |
|---------------------|--------------------------|
| Model No.:          | LED-GL4-200-UNV          |
| Wattage:            | 200                      |
| Voltage:            | 120 ~ 277VAC             |
| Wavelength Range:   | 370nm ~ 850nm            |
| Per Value/200mm:    | 1,829.2 Umol             |
| Product Dimensions: | 11.25" x 11.25" x 2.75"H |
| Product Weight:     | 14 lbs.                  |
| Warranty:           | 5 Years                  |

## GROWING TIPS

Heavy Fruiting - 26" x 26" coverage @ 36" height  
 Flowering Growth - 36" x 36" coverage @ 40" height  
 Vegetative Growth - 39" x 39" coverage @ 48" height



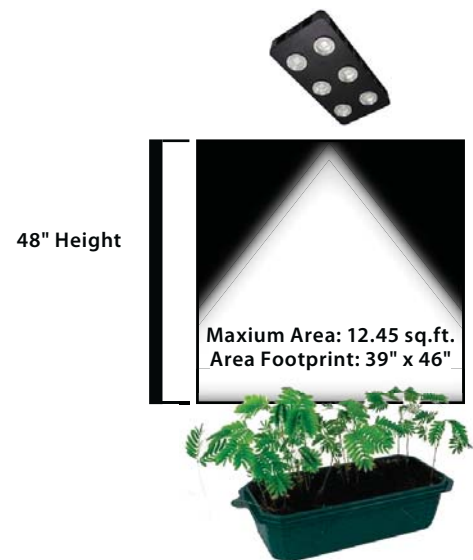
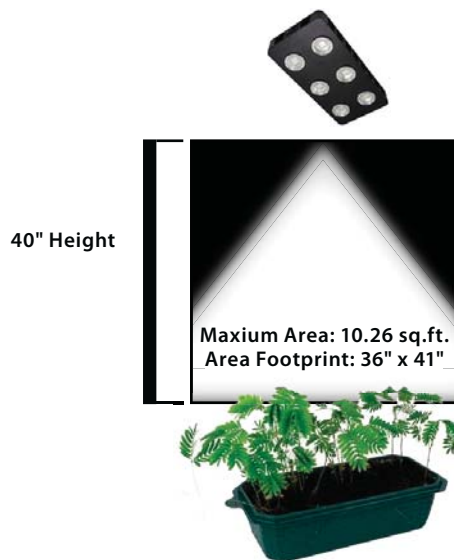
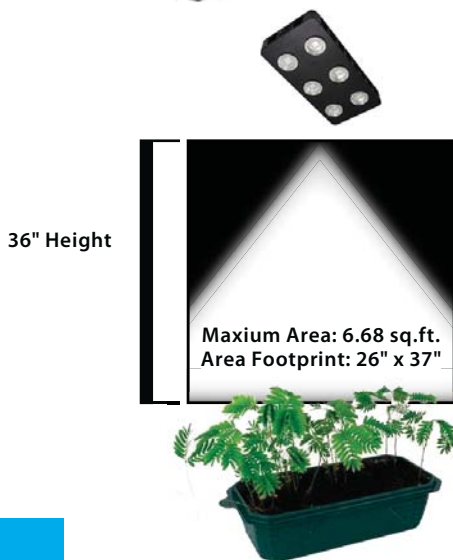
## LED-GL6-300



|                     |                         |
|---------------------|-------------------------|
| Model No.:          | LED-GL6-300-UNV         |
| Wattage:            | 300                     |
| Voltage:            | 120 ~ 277VAC            |
| Wavelength Range:   | 370nm ~ 850nm           |
| Per Value/200mm:    | 2,453.8 Umol            |
| Product Dimensions: | 16.0" x 11.25" x 2.75"H |
| Product Weight:     | 20 lbs.                 |
| Warranty:           | 5 Years                 |

## GROWING TIPS

Heavy Fruiting - 26" x 37" coverage @ 36" height  
 Flowering Growth - 36" x 41" coverage @ 40" height  
 Vegetative Growth - 39" x 46" coverage @ 48" height





## LED-GL9-450



|                     |                        |
|---------------------|------------------------|
| Model No.:          | LED-GL9-450-UNV        |
| Wattage:            | 450                    |
| Voltage:            | 120 ~ 277VAC           |
| Wavelength Range:   | 370nm ~ 850nm          |
| Per Value/200mm:    | 4,571.2 Umol           |
| Product Dimensions: | 16.0" x 16.0" x 2.75"H |
| Product Weight:     | 31 lbs.                |
| Warranty:           | 5 Years                |

## GROWING TIPS

Heavy Fruiting - 37" x 37" coverage @ 36" height  
 Flowering Growth - 41" x 41" coverage @ 40" height  
 Vegetative Growth - 46" x 46" coverage @ 48" height

36" Height



Maxium Area: 9.49 sq.ft.  
 Area Footprint: 37" x 37"



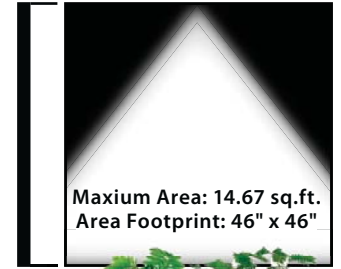
40" Height



Maxium Area: 11.7 sq.ft.  
 Area Footprint: 41" x 41"



48" Height



Maxium Area: 14.67 sq.ft.  
 Area Footprint: 46" x 46"



## LED-GL16-800

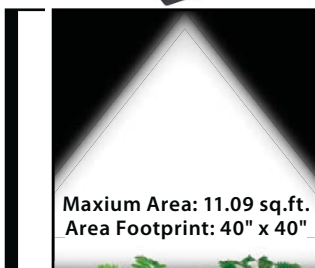


|                     |                        |
|---------------------|------------------------|
| Model No.:          | LED-GL16-800-UNV       |
| Wattage:            | 800                    |
| Voltage:            | 120 ~ 277VAC           |
| Wavelength Range:   | 370nm ~ 850nm          |
| Per Value/200mm:    | 8,966.1 Umol           |
| Product Dimensions: | 20.5" x 20.5" x 2.75"H |
| Product Weight:     | 54 lbs.                |
| Warranty:           | 5 Years                |

## GROWING TIPS

Heavy Fruiting - 40" x 40" coverage @ 36" height  
 Flowering Growth - 48" x 48" coverage @ 40" height  
 Vegetative Growth - 60" x 60" coverage @ 48" height

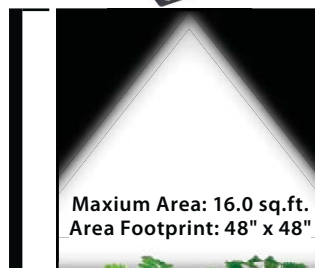
36" Height



Maxium Area: 11.09 sq.ft.  
 Area Footprint: 40" x 40"



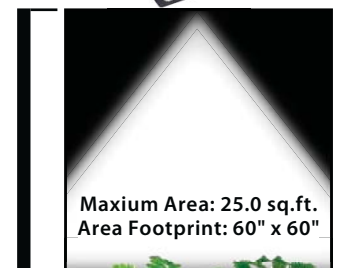
40" Height



Maxium Area: 16.0 sq.ft.  
 Area Footprint: 48" x 48"



48" Height



Maxium Area: 25.0 sq.ft.  
 Area Footprint: 60" x 60"



### About Neptun Light

Neptun Light leads the field in the manufacturing of energy efficient retrofit products and light fixtures in the fields of LED, Induction, and Solar technology. We boast a highly diversified product portfolio of indoor and outdoor products. Additionally, our products span a wide range of commercial, industrial, government, and utility infrastructure applications. Neptun Light achieves its level of success through timely development of new technology that caters to a constantly evolving marketplace. Among Neptun Light's core values are continuous innovation, high quality products, a focus on energy conservation, and an uncompromised commitment to customer service.



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