

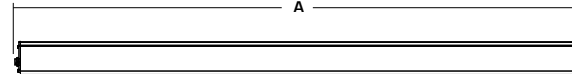
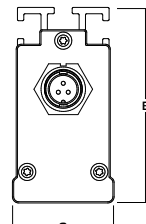



NutriLED SERIES LED HORTICULTURAL LIGHT



HUBBELL
Industrial Lighting

| CAT.# | | APPROVALS | | | | | | | | | | | | |
|--|--------|-----------|-------|---|---|---|--------|--------|-------|-------|--------|--------|-------|-------|
| JOB | TYPE | | | | | | | | | | | | | |
| <div><div><div>SPECIFICATIONS</div><div><div>Applications -</div><div><ul style="list-style-type: none">Energy efficient light source for plant growthIndoor grow houseSupplemental lighting for outdoor plant growth</div><div>Construction:</div><div><ul style="list-style-type: none">Extruded aluminum housingClear acrylic lensBlack painted aluminum end capsIP67 power connectors in each endThree industry standard TEE slots for mounting options</div><div>Electrical /Optics -</div><div><ul style="list-style-type: none">Parabolic reflector for precise light distributionClear acrylic lens to protect the reflector / LEDs120v through 277v AC</div><div>Watts -</div><div><ul style="list-style-type: none">Two foot unit = 31 wattsFour foot unit = 62 watts</div><div>Amps -</div><div><ul style="list-style-type: none">0.65 Amps @ 120 VAC0.28 Amps @ 277 VAC</div><div>LEDs -</div><div><ul style="list-style-type: none">Red LEDs at spectral output of 660 nmBlue LEDs at spectral distribution of 460 nmRed to blue LEDs at a ratio of 2 to 1</div><div>Performance -</div><div><ul style="list-style-type: none">Two foot unit (NGL12) is 50 μmol/s outputFour foot unit (NGL24) is 100 μmol/s outputOptimal LED life of 70,000 hours @ 25 °C</div><div>Thermal -</div><div><ul style="list-style-type: none">Unit is qualified for operation in a 50°C (122°F) ambient environment</div><div>Listings -</div><div><ul style="list-style-type: none">Listed to UL 1598 standard for light fixtures.Wet Location Listed</div><div>Warranty -</div><div><ul style="list-style-type: none">Five years from date of purchase</div></div></div><div><div><div><div></div><div></div><div></div><div></div></div><div><table><tr><th>NGL</th><th>A</th><th>B</th><th>C</th></tr><tr><td>NGL 12</td><td>25.01"</td><td>3.08"</td><td>1.60"</td></tr><tr><td>NGL 24</td><td>49.01"</td><td>3.08"</td><td>1.60"</td></tr></table></div></div><div><div></div></div></div></div> | | | NGL | A | B | C | NGL 12 | 25.01" | 3.08" | 1.60" | NGL 24 | 49.01" | 3.08" | 1.60" |
| NGL | A | B | C | | | | | | | | | | | |
| NGL 12 | 25.01" | 3.08" | 1.60" | | | | | | | | | | | |
| NGL 24 | 49.01" | 3.08" | 1.60" | | | | | | | | | | | |

ORDERING INFORMATION

ORDERING EXAMPLE: NGL-12

| | |
|--------|-----------------|
| NGL | |
| Series | μMOL |

SERIES

NGL NutriLED Horticultural Light

μMOL

| | |
|----|---|
| 12 | 50 $\mu\text{mol/s}$ two foot fixture |
| 24 | 100 $\mu\text{mol/s}$ four foot fixture |

ACCESSORIES (order as separate part#)

| | |
|----------|--|
| CIC3 | Interconnect Cord 3' |
| CIC12 | Interconnect Cord 12' |
| CP12-120 | Cord and Plug 12 ft [120v Straight Blade Plug] |
| CHW12 | 12' Hardwire Cord Set |
| NLAC1 | Aircraft cable Mounting Kit |
| NLAC2 | Dual Aircraft Cable Mounting Kit |

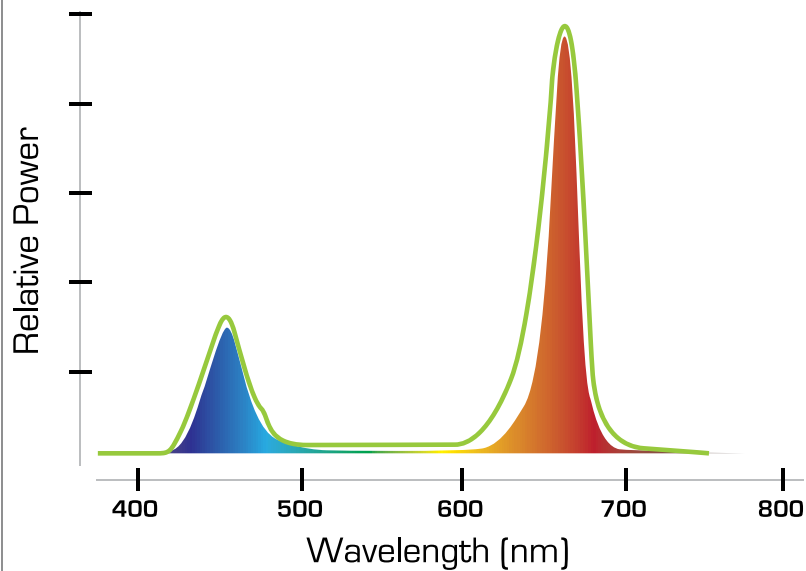
MOUNTING

Recommended mounting height & quantity of fixtures above plant for maximum growth rate and yield

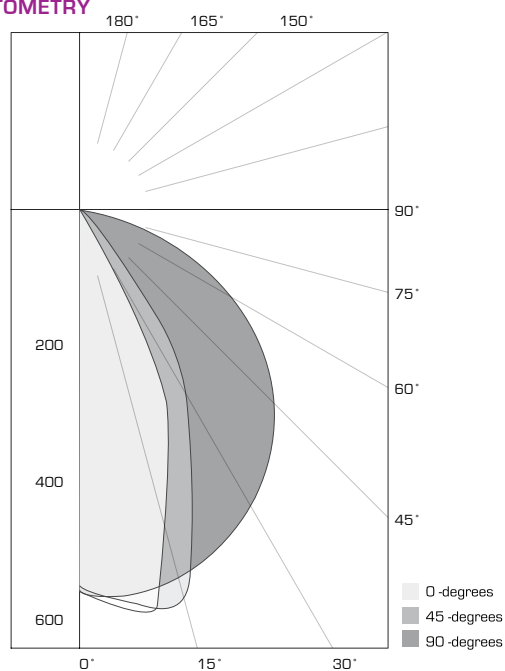
| | | Grow Cycle | | | Area of Coverage |
|------------------------------|-----|------------|--------|--------|---------------------|
| | | 14/hr | 18/hr | 24/hr | |
| Mounting Height above Plants | 12" | 2-Bars | 2-Bars | 1-Bar | |
| | 18" | 3-Bars | 2-Bars | 2-Bars | |
| | 24" | 3-Bars | 3-Bars | 2-Bars | |
| | 36" | | 5-Bars | 4-Bars | |
| | | | | | 5.25" ² |
| | | | | | 8.5" ² |
| | | | | | 11.83" ² |
| | | | | | 16.12" ² |

*Chart based on full sun plants. Adjust values as needed for your specific application

SPECTRAL DISTRIBUTION



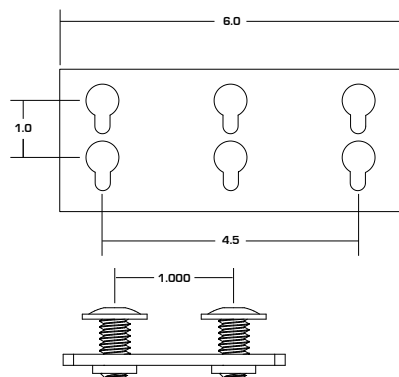
PHOTOMETRY



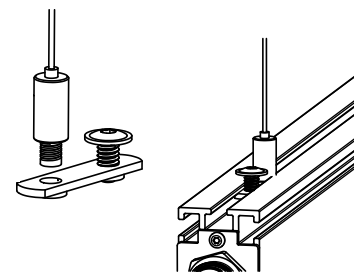
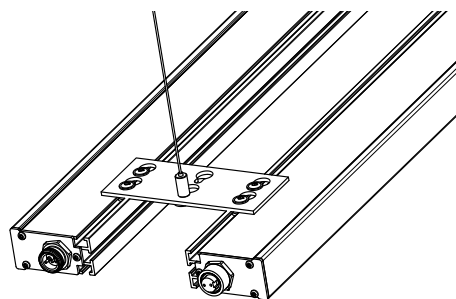
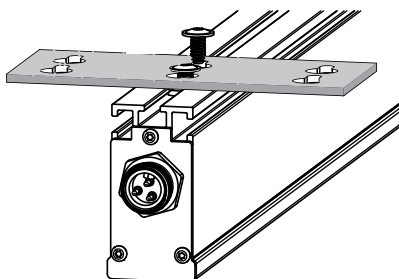
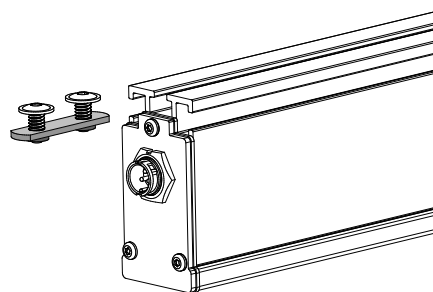
LIGHT ENERGY DISTRIBUTION



Mounting Accessories



Included with fixture



Accessory #NLAC1