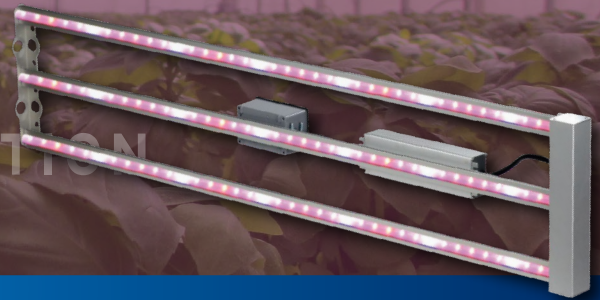


LED LINEAR GROW LIGHT SERIES

Improve ROI, grow your business, and breathe easy with the yield-improving technology of LED Linear Grow Lights. Among the most carefully designed series in the horticultural lighting industry, LED Linear Grow Lights not only improve the output of energy needed for environmental agriculture, but also the yield of their crops. Through a strategic combination of deep red and royal blue, or optional amber, green, and white LEDs, the entire spectrum of the PAR range is utilized for improving plant growth, and maintaining facility costs. The simple installation, low-heat and durable design position LED Linear Grow Lights as an efficient investment sure to make your organization bloom.

BALANCE SAFETY
INTEGRATION AUTOMATION
SUSTAINABILITY



LONG LIFETIME

- Premium, top-tier LEDs
- 5 year warranty backed by U.S. company founded in 1949
- Quality Meanwell drive with integrated 4 kV surge
- -40°C to 50°C ambient temperature ensures long lifetime in a variety of conditions
- Damp rated for high humidity locations

ILLUMINATING RESULTS

- Powerful light engine creates even output with 5 different distributions
- Optional field-installable aluminum reflectors for narrow, medium, and wide distributions
- Typical mounting heights of 6" - 14'
- Standard 5:1 Red/Blue fixed ratio for basic, traditional growing cycles
- Custom color option available

PRECISE SPECTRUM BALANCE

We offer a better spectrum balance specific to plant growth, and adjustable PAR ranges for different plants and situations. Photosynthetically Action Radiation (PAR), refers to the wavelength of the light that is useful to the plant. Plants need a mixture of red and blue at the beginning of their growth cycle, then more red and far red during their flowering stage near harvest. Our LED Linear Grow Light is one light for the entire growth cycle.

LOWER MAINTENANCE

Insects are attracted to the heat and light in the UV spectrum. Our LED lights do not emit light in the UV spectrum, nor do they emit much heat. This provides less maintenance and less cleaning. The LED Grow Lights are also UL damp rated so they can survive high humidity locations and be easily and safely cleaned when needed. Longer life means less downtime and lower replacement costs.

- Unique purple option provides wide red distribution including far red with longer life and lower cost
- Spectrum tuning option (red, blue, far red, green, purple, white) enables custom growing preferences
- Lime green option turns red/blue light white for task/inspection purposes
- Custom color option available

FULL CIRCLE DESIGN

- Output up to 1576 μ mol
- Made in USA with global components
- Anodized, extruded aluminum frame for superior thermal management
- Minimalist design improves cooling and minimizes shipping costs
- Open frame allows for maximum sunlight exposure
- Quickly mount via cable (standard)

BRIGHT SAVINGS

- Potential for rebate savings
- Optional 0-10 Dimming
- Up to 2.8 μ mol/watt
- Integrate Horner controls for additional energy savings
- Reduce downtime and minimize maintenance costs

POSSIBLE APPLICATIONS

- Greenhouses
- Indoor Demanding Crops
- Vertical Farming
- Research
- Farm to table
- Nursery centers

REDUCED HEAT STRESS

Balancing temperature and humidity is always a challenge with greenhouses. Some immediate changes you will notice after replacing HID lights with LED Linear Grow Lights, is the temperature change and a wider footprint for even light distribution. This provides fuller, thicker stock and better coloring for the plants.

LOWER ENERGY CONSUMPTION

Unlike HID lights, our LED lights do not produce high heat. Horner's LED Linear Grow Lights can replace up to 2000W+ high intensity discharge (HID) fixtures. The LED lights use 120-277 VAC operation (optional 347-480V) providing a reduction in energy consumption. Less heat also means less air-conditioning and large fans, offering a noticeable decrease in energy costs and overall lower facility costs.

MODEL	WEIGHT	DIMENSIONS	TOTAL WATTS	LIGHT OUTPUT PPF	LIGHT OUTPUT PAR PPF
4 FT LINEAR					
ETG-WLL-1080-P1-C40	3.53 lbs.	49"L x 3.1"W x 3"H	80	207	211
ETG-WLL-2160-P1-C40	7.3lbs.	49"L x 6.1"W x 3"H	160	414	422
ETG-WLL-3240-P1-C40	10.9 lbs.	49"L x 10.6"W x 3"H	240	621	633
ETG-WLL-4320-P1-C40	14.6 lbs.	49"L x 15.1"W x 3"H	320	828	844
ETG-WLL-6480-P1-C40	21.8 lbs.	49"L x 24.1"W x 3"H	480	1242	1266
ETG-WLL-6640-P1-C40	27.2 lbs.	49"L x 24.1"W x 3"H	640	1552	1576

YOUR PART NUMBER

ETG-WLL- [] -P [] - [] - [] - [] - [] - [] - []

LED modules power led colors optional mount coated board plug remote driver

1080 (1 LED module/80W)
2160 (2 LED modules/160W)
3240 (3 LED modules/240W)
4320 (4 LED modules/320W)
6480 (6 LED modules/480W)
6640 (6 LED modules/640W)

1 (120-277VAC)*
2 (480VAC)**
4 (120-277VAC with dimming driver)
 * standard
 ** not available with 1080 model

C20 (5:1 red/blue fixed ratio)*
C21 (red only)
C22 (blue only)
C25 (purple, 12.5% blue)
C28 (white)
C29 (purple & white)
C40 (white & red)
C53 (green only)

B27 (clip on for units w/pwr supplies for unistrut)

E1 (conformal coated board)
G1 (6' molded 5-15 120 VAC)
G2 (6' molded L7-15 277 VAC)

R1 (remote mount driver w/10' cable)

<https://www.hornerlighting.com/product/linear-grow-lights/>

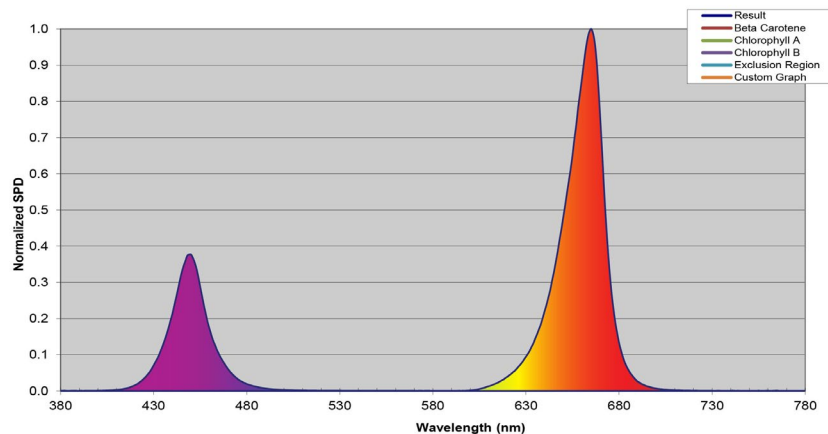
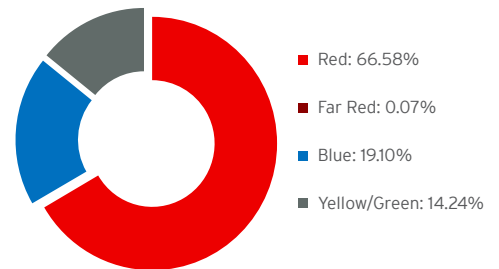
LIGHTING SPECTRUM

LED Color Option C20

High Efficacy Red/Blue Mix

- Traditional red/blue grow blend
- 20% blue for crops that demand high output
- Available in various ratios with higher red or blue content
- 2.4 μMol/Watt

Color Ratios



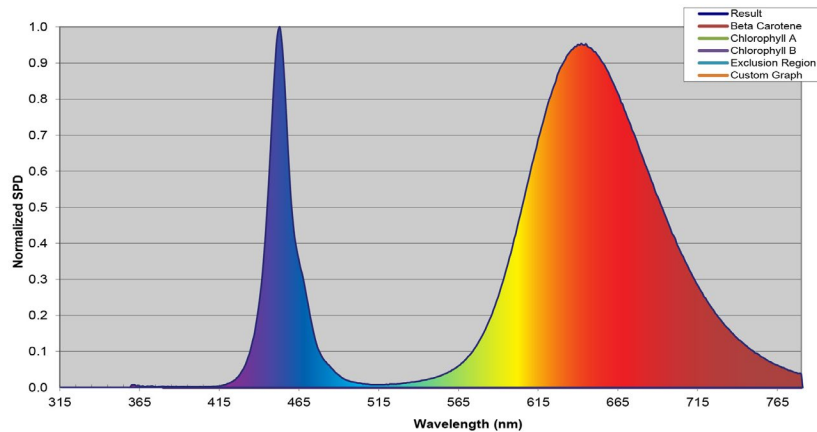
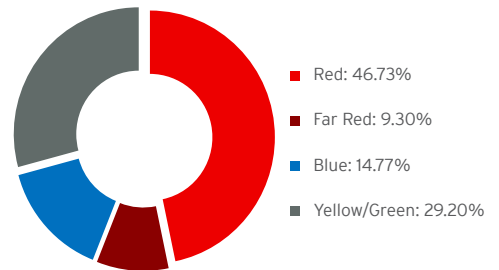
LIGHTING SPECTRUM

LED Color Option C25

Purple with 12.5% Blue

- Excellent general purpose light
- Starting seedlings / cloning
- Greenhouse
- Excellent wide red content for deep red and far red
- Available in 2.3% blue for flowering or 25% blue for leafing applications
- 2.3 $\mu\text{Mol/Watt}$

Color Ratios



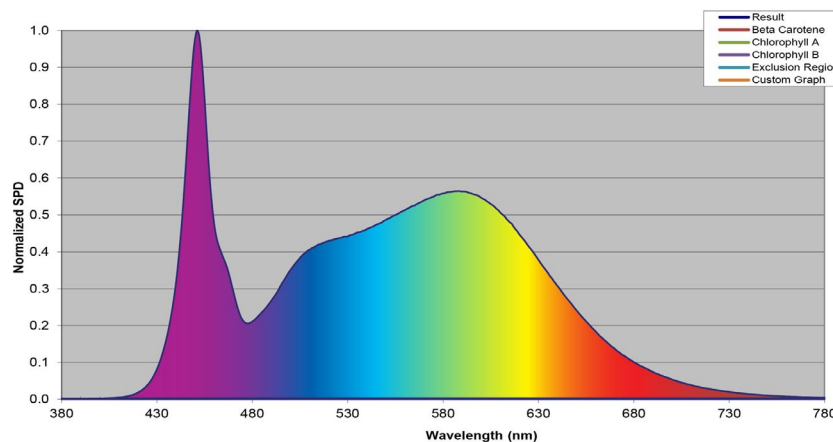
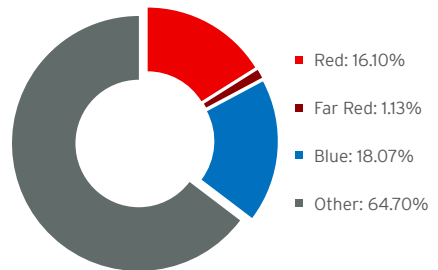
LIGHTING SPECTRUM

LED Color Option C28

White

- Excellent multipurpose light
- Effective in grafting & budding plants
- Greenhouse
- Great for full spectrum applications
- 2.7 $\mu\text{Mol/Watt}$

Color Ratios



<https://www.hornerlighting.com/product/linear-grow-lights/>

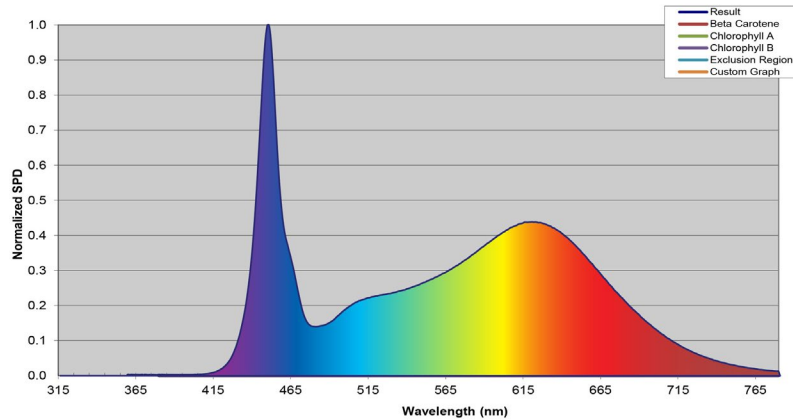
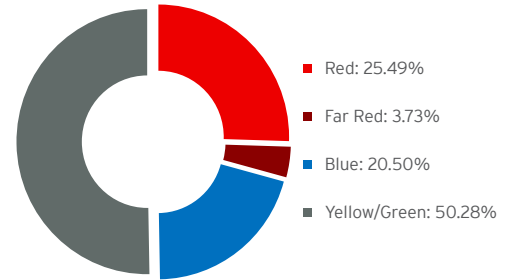
LIGHTING SPECTRUM

LED Color Option C29

Purple/White

- Excellent general purpose light
- Starting seedlings / cloning / greenhouses / leafy greens
- Fuller spectrum with green and yellow content
- Excellent wide red content for deep red and far red
- Provides a more pleasant light for working environments
- 2.4 $\mu\text{Mol/Watt}$

Color Ratios



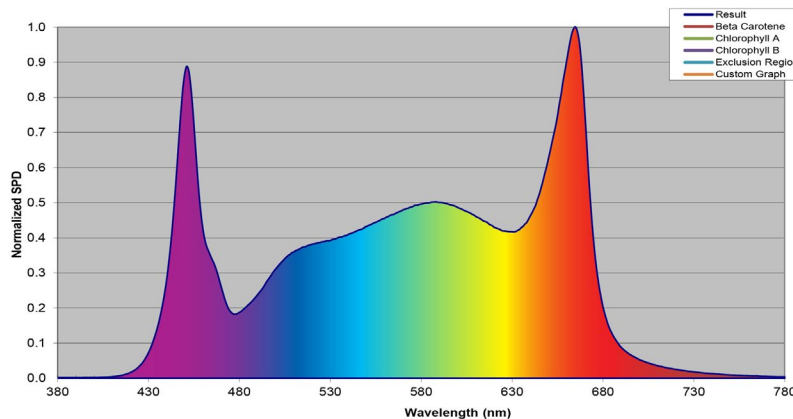
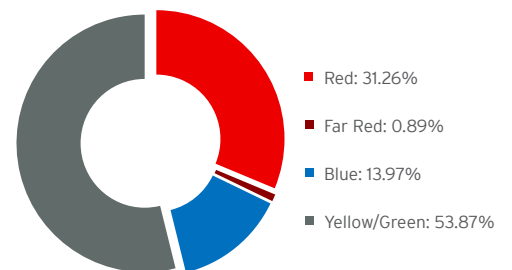
LIGHTING SPECTRUM

LED Color Option C40

White / Deep Red

- Excellent general purpose light
- High Efficacy
- Full Spectrum
- 2.8 $\mu\text{Mol/Watt}$

Color Ratios



<https://www.hornerlighting.com/product/linear-grow-lights/>