



# LIGHTING PRODUCT GUIDE





## HORNER LIGHTING PRODUCTS

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## WHITE LINEAR LED (WLL) SERIES

Our 4ft. and 8ft. White LED Linears are powerful, efficient, and designed for long life and low maintenance. Utilizing the same proven design as our flagship Remote Phosphor LED Linears, we have translated that over into the realm of White LEDs. Perfect for high bay lighting applications in industrial settings, retail, or manufacturing, our White LED Linears are durable, versatile, and powerful. With an extruded aluminum casing, high-quality white LEDs, and a plethora of options and adders, these 4ft and 8ft fixtures are well-suited and customizable for most indoor uses.

### LONG LIFETIME

- 5 year warranty backed by U.S. company founded in 1949
- Rated for 62,000 hrs at L90
- Quality driver with integrated 4 kV surge
- -40°C to 50°C ambient temperature ensures long lifetime in a variety of conditions
- Superior LED thermal management ensures long lifetime

### ILLUMINATING RESULTS

- 80 CRI standard enhances color and clarity
- Powerful light engine creates even output with 5 different distributions
- Optional field-installable aluminum reflectors for low/high bay, aisle, and task applications
- Clear Plexiglass diffuser provides control, minimizing potential for glare
- Typical mounting heights of 8' - 60'
- No horizontal dust collecting surface bulbs

### FULL CIRCLE DESIGN

- Output of 9,845 - 77,192 lumens
- Made in USA with global components
- Engineered with quality aluminum and space-age materials
- Minimalist design improves cooling and minimizes shipping costs
- Quickly mount via cable (standard)
- 347/480 VAC option available

### BRIGHT SAVINGS

- Typical payback of 12 - 24 months
- Optional 0-10 Dimming
- Up to 169 lumens/watt
- Utilize optional motion and/or daylight sensors for additional energy savings
- Reduce downtime and minimize maintenance costs
- Potential for rebate savings through DLC certifications (refer to DLC QPL at [www.designlights.org](http://www.designlights.org))

## POSSIBLE APPLICATIONS

- |                     |                      |                             |
|---------------------|----------------------|-----------------------------|
| ■ Grocery stores    | ■ Stadiums           | ■ Hangars                   |
| ■ Warehouses        | ■ Natatoriums        | ■ Indoor storage facilities |
| ■ Department stores | ■ Industrial garages | ■ Gymnasiums                |





## WHITE LINEAR HIGH HEAT SERIES

Our linear fixtures start with a custom designed extrusion of 6063-T5 alloy that is anodized for protection from harsh environments. The extrusion is produced locally in the mid-west for excellent quality assurance and low shipping cost. It was designed to thermally manage the LED array while minimizing weight for shipping and has mechanical features including slots to hold our unique clip on reflectors.

Between the circuit board and extrusion is a ceramic/silicone composite thermal pad that allows superior thermal conductivity between the LEDs and heat sink.

### LONG LIFETIME

- 5 year warranty backed by U.S. company founded in 1949
- Premium top tier LEDs
- Quality driver with integrated 4 kV surge
- 40°C to 65°C ambient temperature ensures long lifetime in a variety of conditions
- Superior LED thermal management ensures long lifetime

### ILLUMINATING RESULTS

- 80 CRI standard enhances color and clarity
- Clear plexiglass diffuser provides control, minimizing potential for glare
- Optional field-installable aluminum reflectors for low/high bay, aisle, and task applications
- No horizontal dust collecting surface bulbs

### FULL CIRCLE DESIGN

- Output of up to 77,000 lumens
- Made in USA with global components, locally sourced
- Engineered with quality space-age materials
- Minimalist design improves cooling and minimizes shipping costs
- Quickly mount via cable (standard)

### BRIGHT SAVINGS

- Typical payback of 12 - 24 months
- Optional 0-10 Dimming
- Utilize optional motion and/or daylight sensors for additional energy savings

### HORNER HIGH HEAT FIXTURES

- Standard Fixture Lifetime (@25C) - Diodes driven at 41%
- ETG-WLL-2240 160 total operating watts - 1 oversized 240W driver operating at 160 watts
- ETG-WLL-4240 240 total operating watts - 1 oversized 320W driver operating at 240 watts
- ETG-WLL-6480 480 total operating watts - 2 oversized 320W drivers operating at 240 watts each
- All extruded aluminum heat sink
- 160 lumen per watt output
- Premium Meanwell power supply, mounted exterior to the fixture

### POSSIBLE APPLICATIONS

- |                      |                   |   |
|----------------------|-------------------|---|
| Foundries            | Thermoplastics    | Southern Areas w/Higher Ambient Heat Applications |
| Paper & Lumber Mills | Fertilizer Plants | Buildings w/Trapped Heat                          |





## HORNER LUXOR SERIES

UP TO 180 LUMENS/WATT

MADE IN THE USA WITH GLOBAL COMPONENTS

Our HLS Linears are powerful, efficient, and designed for long life and low maintenance. Utilizing a brand new, all aluminum extrusion, this light has great heat dissipation which leads to a long life. Shining up to 180 lumens per watt, this is perfect for low/high bay lighting applications in industrial settings, retail, or manufacturing. Our new Linears are durable, versatile, and powerful, with an all aluminum casing, high-quality white LEDs, and numerous options and adders. These HLS fixtures are well-suited and customizable for most indoor uses.

### LONG LIFETIME

- Premium, top-tier LEDs
- 5-year warranty backed by U.S. company founded in 1949
- Rated for 215,000 hrs at L70
- Rated for 62,000 hrs at L90
- Quality driver with integrated 6kV surge
- -40°C to 50°C ambient temperature ensures long lifetime in a variety of conditions
- Superior LED thermal management ensure long lifetime

### ILLUMINATING RESULTS

- 80 CRI standard enhances color and clarity
- Powerful light engine creates even output with 4 different distributions
- Typical mounting heights of 8' - 60'
- No horizontal dust collecting surface bulbs

### FULL CIRCLE DESIGN

- Output of 10,800 - 32,000 lumens
- Engineered with quality, space-age materials
- Cable mount included; pendant and surface mount options available

### BRIGHT SAVINGS

- Typical payback of 12 - 24 months
- 0-10 dimming standard
- Up to 180 lumens/watt
- Utilize optional motion and/or daylight sensors for additional energy savings
- Reduce downtime and minimize costs

### FEATURES:

- Instant strike
- -40°C to 50°C ambient temperature
- Dimmable option, enabling the use of controller occupancy sensors for power savings
- Universal AC input/full range, 120~277 VAC, optional 347~480 VAC
- Made in USA with global components
- Motion sensor options
- High Efficiency models available
- ETL listed suited for damp locations

### BENEFITS:

- No horizontal dust collecting surface bulbs
- No glass, no mercury
- 5 year warranty

## POSSIBLE APPLICATIONS

- |                  |                      |                             |
|------------------|----------------------|-----------------------------|
| ■ Grocery stores | ■ Stadiums           | ■ Hangars                   |
| ■ Warehouses     | ■ Task Light Areas   | ■ Indoor storage facilities |
| ■ Retail stores  | ■ Industrial garages | ■ Gymnasiums                |





## LED REMOTE PHOSPHOR LINEAR SERIES

Our award-winning Remote Phosphor Linear fixture comes in 4 ft and 8 ft lengths and multiple wattages. Typical phosphor converted LED lighting starts with a blue LED light source where phosphor is added to the LED package, converting the blue light into a mixture of light that appears white. Instead of placing the phosphor directly on the LED, Horner uses a remote phosphor technology that places the phosphor away from the LED. With numerous advantages, including longer life, higher efficacy, better color consistency and even light distribution, this creates a smooth, singular light source - no pinpoint LEDs.

### LONG LIFETIME

- Premium, top-tier LEDs
- 5 year warranty backed by U.S. company founded in 1949
- Rated for 96,000 hrs at L90
- Quality driver with integrated 4 kV surge
- -40°C to 50°C ambient temperature ensures long lifetime in a variety of conditions
- Superior LED thermal management ensures long lifetime

### ILLUMINATING RESULTS

- Up to 30% higher system efficacy compared to conventional LEDs
- Powerful light engine creates even output with 5 different distributions
- Optional field-installable aluminum reflectors for low/high bay, aisle, and task applications
- Optional acrylic diffuser provides control, minimizing potential for glare
- Typical mounting heights of 8' - 60'
- No horizontal dust collecting surface bulbs

### FULL CIRCLE DESIGN

- Output of 8,400 - 50,400 lumens
- Made in USA with global components
- Engineered with quality, space-age materials
- Minimalist design improves cooling and minimizes shipping costs
- Quickly mount via cable (standard)
- Universal AC input/full range, 120~277 VAC
- Glare free and uniform light distribution
- High CRI options, optional red LED enrichment technology\*

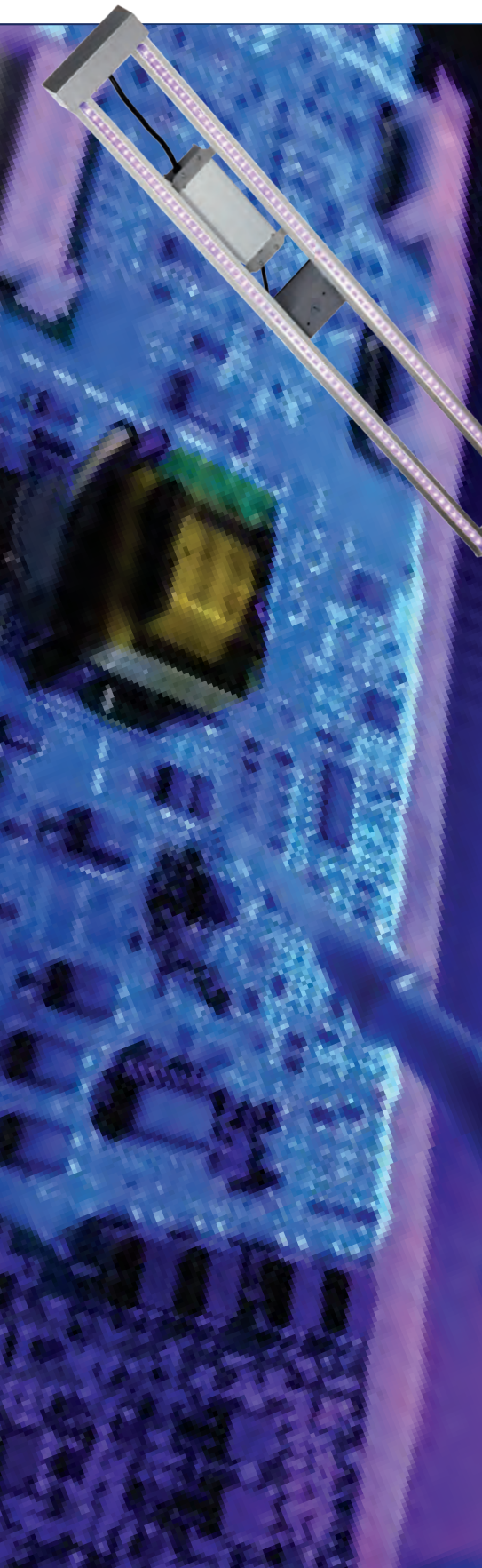
### BRIGHT SAVINGS

- Typical payback of 12 - 24 months
- Optional 0-10 Dimming
- Utilize optional motion
- Reduce downtime and minimize maintenance costs

## POSSIBLE APPLICATIONS

- |                     |                      |                             |
|---------------------|----------------------|-----------------------------|
| ■ Grocery stores    | ■ Stadiums           | ■ Hangars                   |
| ■ Warehouses        | ■ Natatoriums        | ■ Indoor storage facilities |
| ■ Department stores | ■ Industrial garages | ■ Gymnasiums                |





## UV LINEAR LED SERIES

This series of fixtures provides UV-A light emissions for use in inspection, paint, adhesive curing and medical applications. Based on the same design used in our white LED and remote phosphor fixtures, the luminaire provides a robust platform for many lighting applications. With an extruded aluminum casing, high-quality white LEDs, and a plethora of options and features, these 4ft linear fixtures are well-suited for a variety of a UV-A lighting requirements

### LONG LIFETIME

- Premium, top-tier LEDs
- 5 year warranty backed by U.S. company founded in 1949
- Quality driver with integrated 4 kV surge
- 20°C to 45°C ambient temperature ensures long lifetime in a variety of conditions
- Superior LED thermal management ensures long lifetime

### ILLUMINATING RESULTS

- Available in 405nm near UV violet and 365 UV-A
- Powerful light engine creates even output with 5 different distributions
- Optional field-installable aluminum reflectors different beam patterns and shielding
- Inspection of paint and coatings

### FULL CIRCLE DESIGN

- 365nm Output of 21,600mW - 129,600mW
- 405nm Output of 36,000mW - 216,000mW
- Made in USA with global components
- Engineered with quality advanced materials
- Minimalist design improves cooling and minimizes shipping costs
- Quickly mount via cable (standard)
- 347/480 VAC option available

### BRIGHT SAVINGS

- No glass breakage risk
- Long life LEDs
- Optional 0-10 Dimming
- Up to 405 mW/watt output
- Reduce downtime and minimize maintenance costs

## POSSIBLE APPLICATIONS

- |                       |                        |                   |
|-----------------------|------------------------|-------------------|
| ■ Paint Inspection    | ■ UV Adhesives         | ■ Curing Paint    |
| ■ Coating Inspection  | ■ Curing Adhesives     | ■ Curing Coatings |
| ■ Dental Applications | ■ Medical Applications |                   |





## CIRCULAR HIGH BAY STANDARD (CHS-S) SERIES

The Circular High Bay (Standard) (CHS-S) series is designed to replace and outlast traditional 250W and 400W HID fixtures. This fixture offers high efficacy output and versatility at an economic value. The CHS-S comes in 150W, with three optional reflectors of either aluminum or clear acrylic. The CHS-S is well-suited for indoor industrial and retail applications such as warehouses, manufacturing facilities, gymnasiums and shopping centers.

### LONG LIFETIME

- Premium, top-tier LEDs
- 5-year warranty backed by U.S. company founded in 1949
- Rated for 72,000 hrs at L70
- Rated for 36,000 hrs at L90
- Quality driver with integrated 4kV surge
- -40°C to 50°C ambient temperature ensures long lifetime in a variety of conditions

### ILLUMINATING RESULTS

- 80 CRI standard enhances color and clarity
- Optional aluminum reflectors of either 60° or 90°
- Optional acrylic diffuser provides control, minimizing potential for glare
- Typical mounting heights of 10' - 40'

### FULL CIRCLE DESIGN

- Output of 22,200 lumens
- Engineered with quality, space-age materials
- Traditional round profile is light weight and easy to install
- Hook for simple, one-man installation
- IP65 Dust and Water protection  
UL wet-rated

### BRIGHT SAVINGS

- Typical payback of 12 - 24 months
- Potential for rebate savings through DLC certifications (refer to DLC QPL at [www.designlights.org](http://www.designlights.org))
- 0-10 dimming standard
- 148 lumens/watt
- Used to replace 250W - 400W+ metal halide fixtures

## POSSIBLE APPLICATIONS

- |                     |                      |                  |
|---------------------|----------------------|------------------|
| ■ Grocery Stores    | ■ Stadiums           | ■ Hangars        |
| ■ Warehouses        | ■ Natatoriums        | ■ Indoor storage |
| ■ Department stores | ■ Industrial garages | ■ Gymnasiums     |





## CIRCULAR HIGH BAY STANDARD (CHS-H) SERIES

Designed to replace and outlast traditional 250W - 1,000+W HID fixtures, the Horner Circular High Bay (CHS-H) Series offers versatility, enhanced illumination, and profitable ROI. This fixture comes in wattages ranging from 100W to 480W with two optional reflectors of either aluminum or acrylic. The CHS series is well-suited for indoor industrial and retail applications such as groceries, department stores, gymnasiums and warehouses. The quality and durability of this powerful series ensures it will outshine the competition for years.

### LONG LIFETIME

- Premium, top-tier LEDs
- 5 year warranty backed by U.S. company founded in 1949
- Rated for up to 78,840 hrs at L90
- Rated for up to 225,000 hours at L70
- Meanwell driver with integrated 4kV surge
- -40°C to 50°C ambient temperature ensures long lifetime in a variety of conditions

### ILLUMINATING RESULTS

- 80 CRI standard enhances color and clarity
- Powerful light engine creates even output with 4 different distributions
- Optional aluminum or acrylic reflectors
- Optional acrylic diffuser provides control, minimizing potential for glare
- Typical mounting heights of 10' - 60'

### FULL CIRCLE DESIGN

- Output of 15,000 - 78,840 lumens
- Engineered with quality, space-age materials
- Traditional round profile is lightweight and easy to install
- Quickly mount via hook (standard)
- Unique, optional junction box
- Enables flexible wire termination
- 277/480 VAC option available
- IP65 Dust and Water protection
- UL wet-rated

### BRIGHT SAVINGS

- Typical payback of 12 - 24 months
- Potential for rebate saving through DLC certifications (refer to DLC QPL at [www.designlights.org](http://www.designlights.org))
- 0-10 Dimming standard
- Up to 158 lumens/watt
- Utilize optional motion and/or daylight sensors for additional energy savings

### POSSIBLE APPLICATIONS

- |                     |                      |                             |
|---------------------|----------------------|-----------------------------|
| ■ Grocery stores    | ■ Stadiums           | ■ Hangars                   |
| ■ Warehouses        | ■ Natatoriums        | ■ Indoor storage facilities |
| ■ Department stores | ■ Industrial garages | ■ Gymnasiums                |





## CIRCULAR HIGH BAY (CHS-H4) SERIES

The Circular High Bay (CHS) series is designed to replace and outlast traditional HID fixtures. Offering high efficacy output, versatility, and economic values, the CHS comes in five sizes: 120W, 150W, 200W, 320W and 480W. With two optional reflectors of either aluminum or clear acrylic, the CHS is well-suited for indoor industrial and retail applications such as warehouses, manufacturing facilities, gymnasiums and shopping centers. The simple installation and optional wiring features ensure this quality fixture will out perform, and out last, the competition for many years to come.

### LONG LIFETIME

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

### ILLUMINATING RESULTS

- 80 CRI standard enhances color and clarity
- Powerful light engine creates even output with 3 different distributions
- Optional aluminum reflectors of 90°-100°; or 70° acrylic; optional 60° lens
- Optional acrylic diffuser provides control, minimizing potential for glare
- Typical mounting heights of 10' - 60'

### FULL CIRCLE DESIGN

- Output of 21,600 - 72,000 lumens
- Engineered with quality, space-age materials
- Traditional round profile is light weight and easy to install
- Hook for simple, one-man installation
- IP65 Dust and Water protection
- UL wet-rated

### BRIGHT SAVINGS

- Typical payback of 12 - 24 months
- 0-10 Dimming standard
- Up to 180 lumens/watt



120/150/200 standard as shown

320/480 standard as shown

\*fixture in image above shown with aluminum reflector

## POSSIBLE APPLICATIONS

- |                   |                    |                           |
|-------------------|--------------------|---------------------------|
| Grocery stores    | Stadiums           | Hangars                   |
| Warehouses        | Natatoriums        | Indoor storage facilities |
| Department stores | Industrial garages | Gymnasiums                |





## CIRCULAR HIGH BAY (CHB) SERIES

Designed to replace, and outlast, traditional 250W - 1,000W HID fixtures, the Horner Circular High Bay (CHB) Series offers versatility, enhanced illumination, and profitable ROI. Coming in four sizes at 240W, 200W, 150W, and 100W with three optional reflectors of either aluminum or clear acrylic, the CHB series is well-suited for indoor industrial and retail applications such as groceries, department stores, gymnasiums and warehouses. The quality and durability of this powerful series ensures it will outshine the competition for years to come.

### LONG LIFETIME

- Premium, top-tier LEDs
- 5 year warranty backed by U.S. company founded in 1949
- Rated for 180,000 hrs at L70
- Rated for 51,000 hrs at L90
- Quality driver with integrated 4 kV surge
- -40°C to 50°C ambient temperature ensures long lifetime in a variety of conditions

### ILLUMINATING RESULTS

- 80 CRI standard enhances color and clarity
- Powerful light engine creates even output with 4 different distributions
- Optional aluminum reflectors of either 120°, 90°, 60°; or a 70° acrylic
- Optional acrylic diffuser provides control, minimizing potential for glare
- Typical mounting heights of 10' - 60'

### FULL CIRCLE DESIGN

- Output of 13,000 - 33,000 lumens
- Engineered with quality, space-age materials
- Traditional round profile is light weight and easy to install
- Quickly mount via hook (standard), ring, or conduit
- Unique junction box enables flexible wire termination
- 347/480 VAC option available
- IP65 Dust and Water protection
- UL wet-rated

### BRIGHT SAVINGS

- Typical payback of 12 - 24 months
- Potential for rebate savings through DLC certifications (refer to DLC QPL at [www.designlights.org](http://www.designlights.org))
- 0-10 Dimming standard
- Up to 139 lumens/watt
- Utilize optional motion and/or daylight sensors for additional energy savings

## POSSIBLE APPLICATIONS

- |                     |                      |                             |
|---------------------|----------------------|-----------------------------|
| ■ Grocery stores    | ■ Stadiums           | ■ Hangars                   |
| ■ Warehouses        | ■ Natatoriums        | ■ Indoor storage facilities |
| ■ Department stores | ■ Industrial garages | ■ Gymnasiums                |





## FLAT PANEL TROFFERS

These flat panel LED fixtures reorient the light source to the panel and ensure brightness, providing a skylight-like appearance, smooth distribution, and a powerful value. A white extruded aluminum frame, steel backing, optional battery backup, quality LED driver, and versatile control options make the Flat Panel Troffer Gen 2 a quality, high-efficacy product. At less than 1/2" thick, our flat panels are extremely light and minimal - making them easy to install, and aesthetically pleasing to your current design.

### LONG LIFETIME

- 5 year warranty backed by U.S. company founded in 1949
- Aluminum thermal management ensure LEDs run cool for longer life
- Quality driver resists typical noise and surge in office environments

### BRIGHT SAVINGS

- Typical payback of 6 - 24 months
- Potential for rebate savings through DLC certifications (refer to DLC QPL at [www.designlights.org](http://www.designlights.org))
- 0-10 Dimming standard
- Up to 125 lumens/watt
- Utilize integrated dimming for additional energy savings
- Easily install wired lighting controllers such as our new ETG-CSHOP
- Check [www.designlights.org/](http://www.designlights.org/) for which versions are DesignLights Consortium® (DLC).

### FULL CIRCLE DESIGN

- Output of 3,125 - 7,500 lumens
- Engineered with quality, metal frame
- Units are designed to mount in ceiling grid; optional surface-mount
- Easy installation in tight places like ceilings with shallow plenums and the unit can be replaced in seconds
- Integrated junction box allows easy wiring of AC and dimming

### ILLUMINATING RESULTS

- 80 CRI standard enhances color and clarity
- Potential for rebate saving through DLC certifications (refer to DLC QPL at [www.designlights.org](http://www.designlights.org))
- Smooth, even distribution, spreads light out over entire surface
- Acrylic light pipe diffuser replicates skylight-like appearance
- Typical mounting heights of 8' - 20'

## POSSIBLE APPLICATIONS

- Office space
- Commercial
- Garages
- Retail environments
- Schools
- Inspection lighting





## CCT & POWER TUNABLE EDGE-LIT PANEL LIGHT

These Edge-lit, low-profile fixtures reorient the light source to the panel and ensure brightness, providing a skylight-like appearance, even distribution, and a powerful value. They offer tunable wattage and dimming for enhanced light control. Our Flat Panels are extremely light and minimal - making them easy to install, and aesthetically pleasing to your current design.

### LONG LIFETIME

- 5 year warranty backed by U.S. company founded in 1949
- Aluminum thermal management ensure LEDs run cool for longer life
- Quality driver resists typical noise and surge in office environments

### BRIGHT SAVINGS

- Typical payback of 6 - 24 months
- 0-10 Dimming standard
- Up to 110 lumens/watt
- Utilize integrated dimming for additional energy savings

### FULL CIRCLE DESIGN

- Output of 2,200 - 5,500 lumens
- Engineered with quality, metal frame
- Units are designed to mount in ceiling grid; optional surface-mount
- Easy installation in tight places like ceilings with shallow plenums and the unit can be replaced in seconds
- CCT & Wattage tunable

### ILLUMINATING RESULTS

- 80 CRI standard enhances color and clarity
- Smooth, even distribution, spreads light out over entire surface
- Acrylic light pipe diffuser replicates skylight-like appearance
- Typical mounting heights of 8' - 20'

## POSSIBLE APPLICATIONS

- Office space
- Commercial
- Garages
- Retail environments
- Schools
- Inspection lighting





## STAINLESS STEEL FOOD GRADE TASK LIGHT

The Horner Stainless Steel Task Light is an NSF certified product. It has undergone several tests and has met specific guidelines for food safety. This offers you peace of mind that you're buying a fixture that has been tested and certified by a reputable organization. Our Task Light is perfect for any application in the Food Industry, including Manufacturing/Packaging, Agriculture, Refrigeration and Restaurants.

### LONG LIFETIME

- 5 year warranty backed by U.S. company founded in 1949
- Aluminum thermal management ensure LEDs run cool for longer life
- Resistant to moisture, dust, impact reduces maintenance costs and down time
- Water-proof design does not rely on adhesives which can fail over time
- Rated IP69
- Stainless Steel construction
- Rated for 50,000 hours at L80

### ILLUMINATING RESULTS

- 80 CRI standard enhances color and clarity
- Smooth, even distribution
- Polycarbonate light diffuser produces smooth, even light output
- Typical mounting heights of 6' - 12'

### FULL CIRCLE DESIGN

- 2' - Output of 2,680 lumens
- 4' - Output of 4,824 lumens
- Engineered with quality, metal frame
- Units utilize clips for surface mount and/or adjustable built-in mounts for pendant
- Integrated driver minimizes fixture impact - sleek, minimal design ideal for tight/low spaces
- Waterproof/washdown
- 120-277 VAC
- NSF Certified
- Ideal for typical wet environments of -20 to 35° C (-4 to 95° F)
- Aluminum Rebreather

### BRIGHT SAVINGS

- Typical payback of 6 - 24 months
- 134 lumens/watt
- Continuous dimming to 10% or below
- Potential for rebate savings through DLC certifications (refer to DLC QPL at [www.designlights.org](http://www.designlights.org))

## POSSIBLE APPLICATIONS

- General Task Lighting
- Retail/Grocery
- Agriculture
- Food Industry
- Refrigeration
- Inspection lighting



## MANTIS SERIES TASK LIGHT

The dual linear outputs, lightweight/compact design, and wide output position the Mantis Series of task lights as an efficient added value for your organization. Ideal within low bay, aisle way, and project-driven lighting installations, the Mantis Series features a versatile design: two linear strips of LEDs distribute an even range of light directly below and around the area needing illuminated. The zone where these beams intersect is the most powerful, while still providing enough ambient light around the perimeters of the source to be more than sufficient for general lighting purposes.

### LONG LIFETIME

- Premium, top-tier LEDs
- 5 year warranty backed by U.S. company founded in 1949
- L95 > 72,000 hrs
- Life Rating > 50,000+ hrs maintains 92.5% initial output
- -40°C to 50°C ambient temperature ensures long lifetime in a variety of conditions
- No horizontal surface lighting for dust accumulation

### FULL CIRCLE DESIGN

- Output of 4,410 - 8,820 lumens
- Engineered with quality, space-age materials
- Unique, dual beam design
- Quickly mount via clips

### BRIGHT SAVINGS

- Typical payback of 12 - 24 months
- 0-10 Dimming standard
- Up to 147 lumens/watt
- Utilize optional motion sensor for additional energy savings

### ILLUMINATING RESULTS

- 80 CRI standard enhances color and clarity
- Dual surface light output minimizes glare
- Integrated reflectors provide even output
- Standard acrylic diffuser provides control, minimizing potential for glare
- Typical mounting heights of 8' - 14'


















### POSSIBLE APPLICATIONS

- |                       |                         |                         |
|-----------------------|-------------------------|-------------------------|
| ■ Retail overhead     | ■ General inspection    | ■ Industrial work zones |
| ■ Automotive showroom | ■ Aisle, path, low bays | ■ Overhead bench areas  |





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## ENTERPRISE SERIES

### MADE IN THE USA WITH GLOBAL COMPONENTS

The Enterprise Series of roadway, parking, and path lights are the latest innovation from Horner Lighting providing high output, and low energy. The Enterprise delivers more value per dollar than most lights available, rated among the highest in lumens per watt in the market. These lights excel in Types 2, 3, 4, and 5 lighting applications, and are available in 3000K, 4000K, and 5000K. With an aesthetically pleasing design, lightweight/durable materials, powerful optics, and versatile mounting and installation capabilities, the Enterprise Series will be sure to turn heads and light the way for brighter savings.

### LONG LIFETIME

- Premium, top-tier LEDs
- 5 year warranty backed by U.S. company founded in 1949
- Rated for up to 210,000 hrs at L70
- Rated for up to 60,000 hrs at L90
- Quality driver and 10 kV surge, standard
- -40°C to 45°C ambient temperature ensures long lifetime in a variety of conditions

### ILLUMINATING RESULTS

- Replaces 100-1,000 watt fixtures
- Powerful light engine creates even output with 5 different distributions
- Typical mounting heights of 12' - 110'
- Output of 5,000 - 39,000 lumens
- 9 Lumen packages for various applications
- Large lens creates non pixilated appearance to driver

### FULL CIRCLE DESIGN

- Made in the USA with global components
- Engineered with quality, space-age materials
- Light weight and easy to install
- Quickly mount optional adjustable tenon mount
- 347/480 VAC option available
- IP66 and NEMA 4 dust and water protection, UL wet-rated
- Superior thermal management ensures reliability
- Textured polyester powder coat provides years of environmental/corrosion protection

### BRIGHT SAVINGS

- Typical payback of 12 - 24 months
- Potential for rebate savings through DLC certifications (refer to DLC QPL at [www.designlights.org](http://www.designlights.org))
- Up to 150 lumens/watt
- Utilize motion and daylight sensors for additional energy savings
- Continuous/step dimming options available
- 3-Pin or 7-pin socket for third-party sensors or controls

### POSSIBLE APPLICATIONS

- Ideal for roadways
- Highly effective in dealer/retail lots
- Architectural building
- Beneficial for parking
- Security and perimeter
- Lighting for trails, walkways, & pedestrian paths



## SHOE BOX PARKING / AREA / FLOOD SERIES

Light up your lot, building, surrounding areas (and savings) with the versatile output of the Horner Shoe Box Parking/Area/Flood Series. Ideal in most parking applications, the SB100, SB150, and SB300 also excel in perimeter, pathway, flood, general area, and flood projects. The lightweight durable, design (along with 4 optional mounting brackets) minimizes waste while maximizing efficacy and ROI. With 3 lens, 2 power, and 3 wattage options, we're sure to find a Shoe Box solution to exceed your organization's requirements and expectations.

### LONG LIFETIME

- Premium, top-tier LEDs
- 5 year warranty backed by U.S. company founded in 1949
- Quality driver and 10 kV surge, standard
- Superior LED thermal management
- -40°C to 50°C ambient temperature ensures long lifetime in a variety of conditions

### ILLUMINATING RESULTS

- Replaces 250-1,000 watt fixtures
- Powerful light engine creates even output with 3 different distributions
- Clean, even distribution
- UV stable polycarbonate lens does not yellow over time
- Typical mounting heights of 15' - 35'

### FULL CIRCLE DESIGN

- Output of 15,100 - 44,100 lumens
- Engineered with cast aluminum magnesium alloy for lightweight, durable housing
- Toolless entry
- Quickly install via 4 optional mounting brackets
- 200 - 480 VAC multi-volt option available
- IP65 Dust and Water protection UL wet-rated
- Dual process coating with electrophoresis and TGIC powder coat provides years of environmental/corrosion protection

### BRIGHT SAVINGS

- Typical payback of 12 - 24 months
- Potential for rebate saving through DLC certifications (refer to DLC QPL at [www.designlights.org](http://www.designlights.org))
- Up to 155 lumens/watt
- 3-Pin socket for third-party sensors or controls

### POSSIBLE APPLICATIONS

- Ideal for parking
- Lighting for trails, walkways, & pedestrian paths
- Security and perimeter
- Highly effective in dealer/retail lots
- Architectural building
- Flood and wall washing





## ATLAS PARKING / AREA / FLOOD SERIES

Light up your parking lot, building, surrounding areas (and savings) with the versatile output of the Horner Atlas Series. Ideal in most parking applications, the Atlas Shoebox also excels in perimeter, pathway, general area, and flood projects. The lightweight durable, design, along with a universal mounting bracket, minimizes waste while maximizing efficiency and ROI. With three wattage options, we're sure to find a solution to exceed your organization's requirements and expectations.

### LONG LIFETIME

- Premium, top-tier LEDs
- 5 year warranty backed by U.S. company founded in 1949
- Quality driver and 20 kV surge, standard
- Superior LED thermal management
- -40°C to 50°C ambient temperature ensures long lifetime in a variety of conditions

### ILLUMINATING RESULTS

- Replaces 250 - 1,000 watt fixtures
- Clean, even distribution
- UV stable polycarbonate lens does not yellow over time
- Typical mounting heights of 15' - 35'

### TRIED AND TRUE

- Passed Sweep Vibration Test
- Passed Area Light Salty Spray Test

### FULL CIRCLE DESIGN

- Output of 15,000 - 36,000 lumens
- Engineered with cast aluminum magnesium alloy for lightweight, durable housing
- One universal mount that works as a slip fitter, square and round pole mount
- IP65 Dust and Water protection UL wet-rated
- Dual process coating with electrophoresis and TGIC powder coat provides years of environmental/corrosion protection

### BRIGHT SAVINGS

- Typical payback of 12 - 24 months
- Up to 150 lumens/watt
- 7-Pin Sensor Receptacle

## POSSIBLE APPLICATIONS

- Ideal for parking lots
- Lighting for trails, walkways, & pedestrian paths
- Security and perimeter
- Flood and wall washing
- Highly effective in dealer/retail lots
- Architectural building





## SQUARE CANOPY/PARKING (SCP) SERIES

Parking garages streamline commercial tracks, minimize impact through vertical development, and improve quality of life for communities across the nation. They minimize many challenges – yet managing a parking garage can be a challenge in itself. The Horner SCP Series is designed to make the management process as safe, easy, and efficient as possible. Through a flush-mount design, the NEW Canopy Series eliminates the potential for nesting sites, keeping birds out, while the 160° beam angle provides bright, powerful lighting to improve the parking and security experience for customers and building management alike. Low-cost, high efficacy: big results!

### LONG LIFETIME

- Premium, top-tier LEDs
- 5-year warranty backed by U.S. company founded in 1949
- -25°C to 40°C ambient temperature ensures long lifetime in a variety of conditions
- Quality driver with integrated 4kV surge

### ILLUMINATING RESULTS

- 80 CRI standard enhances color and clarity
- Powerful light engine creates even output
- Lens material is PC and rated to IK10
- Typical mounting heights of 8' - 25'
- 160° Beam Angle

### FULL CIRCLE DESIGN

- Adjustable output of 3,700-8,700 lumens
- Engineered with quality, space-age materials
- Square profile is lightweight and easy to install
- IP65 Dust and Water protection UL wet-rated
- 120-277 VAC
- Flexible mounting to junction boxes, conduit, and surfaces
- Integrated step dimming motion and light sensor, standard

### BRIGHT SAVINGS

- Typical payback of 9 - 24 months
- Up to 145 lumens/watt
- Standard motion and step level dimming provide additional energy savings
- Potential for rebate savings through DLC certifications (refer to DLC QPL at [www.designlights.org](http://www.designlights.org))

## POSSIBLE APPLICATIONS

- |                     |                   |                           |
|---------------------|-------------------|---------------------------|
| ■ Parking garages   | ■ Fueling centers | ■ Recreational facilities |
| ■ Outdoor overhangs | ■ Workshop areas  | ■ Hall and aisle ways     |





## CANOPY/PARKING/TASK (CP) SERIES

Parking garages streamline commercial tracks, minimize impact through vertical development, and improve quality of life for communities across the nation. They minimize many challenges – yet managing a parking garage can be a challenge in itself. The Horner CP Series is designed to make the management process as safe, easy, and efficient as possible. Through a flush-mount design, the CP Series eliminates the potential for nesting sites, keeping birds out, while the 160° beam angle provides bright, powerful lighting to improve the parking and security experience for customers and building management alike. Low-cost, high efficacy: big results!

### LONG LIFETIME

- Premium, top-tier LEDs  
5-year warranty backed by U.S. company founded in 1949
- Rated for up to 230,000 hours at L70
- Rated for up to 67,000 hours at L90
- -25°C to 40°C ambient temperature ensures long lifetime in a variety of conditions
- Quality driver with integrated 4kV surge

### ILLUMINATING RESULTS

- 80 CRI standard enhances color and clarity
- Powerful light engine creates even output
- Lens material is PC and rated to IK10
- Typical mounting heights of 8' – 15'

### FULL CIRCLE DESIGN

- Output of 5,400 – 8,100 lumens
- Engineered with quality, space-age materials
- Traditional round profile is light weight and easy to install
- IP65 Dust and Water protection  
UL wet-rated
- Flexible mounting to junction boxes, conduit, and surfaces
- Integrated step dimming motion and light sensor, standard

### BRIGHT SAVINGS

- Typical payback of 9 – 24 months
- Potential for rebate savings through DLC certifications (refer to DLC QPL at [www.designlights.org](http://www.designlights.org))
- Up to 135 lumens/watt
- Standard motion and daylight sensor provide additional energy savings

## POSSIBLE APPLICATIONS

- |                     |                   |                           |
|---------------------|-------------------|---------------------------|
| ■ Parking garages   | ■ Fueling centers | ■ Recreational facilities |
| ■ Outdoor overhangs | ■ Workshop areas  | ■ Hall and aisle ways     |





## SPOT / SPORT LIGHT

Designed to illuminate areas 100+ feet away, the Horner Spot Light offers versatility, enhanced illumination, and profitable ROI. Available in 320W, 600W and now 1000W sizes, get your Spot Light with an optional visor to better direct the light and reduce light pollution. The Spot Light is well-suited for outdoor applications such as reservoirs, train/truck depots, or any location you want to illuminate from a safe distance. The quality and durability of these powerful lights ensures it will outshine the competition for years to come.

### LONG LIFETIME

- Premium, top-tier LEDs
- 5-year warranty backed by U.S. company founded in 1949
- Rated for 91,000 hrs at L70
- Quality driver with integrated 4 kV surge standard for 320/600W; 20 kV surge standard for 1000W
- -40°C to 50°C ambient temperature ensures long lifetime in a variety of conditions

### ILLUMINATING RESULTS

- 70 CRI standard enhances color and clarity
- Powerful light engine creates even output
- Optional visor to prevent light pollution
- Ideal for illuminating hazardous locations from a safe distance
- 25° optical lens comes standard for 320W and 600W
- 20° lens standard for 1000W

### FULL CIRCLE DESIGN

- Output of 48,000 - 135,000 lumens
- Engineered with quality, space-age materials
- Traditional round profile is light weight and easy to install
- 120-277 standard with 277-480 VAC option available for 320/600W
- IP65 Dust and Water protection UL wet-rated

### BRIGHT SAVINGS

- Typical payback of 12 - 24 months
- 0-10 Dimming standard
- Up to 150 lumens/watt

## POSSIBLE APPLICATIONS

- |                   |               |                      |
|-------------------|---------------|----------------------|
| ■ Water Treatment | ■ Stadiums    | ■ Hangars            |
| ■ Trucking Depots | ■ Natatoriums | ■ Industrial garages |



## ADJUSTABLE WALL PACK SERIES

Designed to replace, and outlast, traditional HID fixtures, the Horner Adjustable Wall Pack Series offers versatility, enhanced illumination, and profitable ROI. Available in 3 options (50W, 120W and 100W), the Adjustable Wall Pack Series is well-suited for outdoor entry and perimeter applications such as warehouses, industrial complexes, retail settings, commercial realty, and many more. The quality and durability of this powerful series ensures it will outshine the competition for years to come.

### LONG LIFETIME

- Premium, top-tier LEDs
- 5-year warranty backed by U.S. company founded in 1949
- Quality driver
- Superior LED thermal management
- -25°C to 45°C ambient temperature ensures long lifetime in a variety of conditions

### FULL CIRCLE DESIGN

- Output of 3,750 - 16,200 lumens
- Engineered with cast aluminum housing
- Hidden front fasteners
- Quickly mount via surface or box installation
- Intuitive wire termination
- 120-277 VAC
- IP65 Dust and Water protection  
UL wet-rated

### ILLUMINATING RESULTS

- 70 CRI standard enhances color and clarity
- Clean, even distribution
- Optional full cut off shield
- Typical mounting heights of 7' - 25'
- CCT and wattage are adjustable

### BRIGHT SAVINGS

- Typical payback of 12 - 24 months
- Potential for rebate savings through DLC certifications (refer to DLC QPL at [www.designlights.org](http://www.designlights.org))
- Daylight Sensor comes standard with Partial Cutoff Wall Packsaving
- Optional Step Level Dimming & light sensor available with Full Cutoff Wall Pack

### POSSIBLE APPLICATIONS

- |                     |                        |                        |
|---------------------|------------------------|------------------------|
| ■ Entry / Perimeter | ■ Industrial Complexes | ■ Commercial Realty    |
| ■ Warehouses        | ■ Retail Settings      | ■ Distribution Centers |





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## RGBW INSPECTION LIGHTING SYSTEM



A high-power color-mixing light, the Horner RGBW Inspection Light is designed for use in inspection applications. Our system is plug-n-play, pre-programmed, but adjustable to meet your needs. It is great for materials such as stainless steel, different types of wood, various paints, and stonework, as the unique color patterns help you detect product flaws or imperfections.

The ETG-HLS150-RGBW-120 is designed to work alongside Horner's lighting control system, an RGBW enclosure with X10 Controller, with simple display operation, which is required to operate this fixture.

### FEATURES:

- 3000K, 80 CRI white; or color mix to change color temp
- 150W total color - red, green, blue, white or a mix
- -40°C to 50°C ambient temperature ensures long lifetime in a variety of conditions
- Plug & Play ready programming
- 5 year warranty backed by U.S. company founded in 1949

### OPTIONS

- Multiple mounting options available
- Add up to 6 additional DACs for total of up to 42 lights

### BENEFITS:

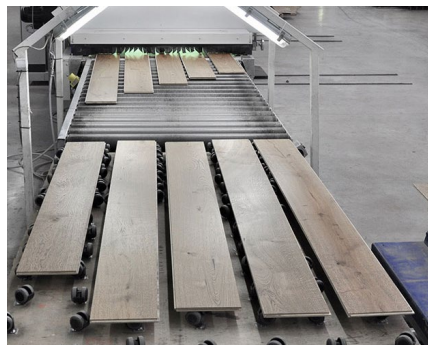
- Very high output color mixing flood luminaire for industrial inspection
- Wide flood distribution for large inspection areas
- Industrial enclosure for harsh environments
- Easy to use controls with options to interface into many industrial control systems (Ethernet, CAN, etc.)
- One DAC = 6 lights (standard)
- Extruded aluminum light housing for better heat distribution
- Consistent color control with multi-color diodes
- 10 inch color touchscreen control

## POSSIBLE APPLICATIONS

- Automotive/Aircraft sheet metal, primer, paint, clear coat inspection



- Laminate and Hardwood flooring inspection



- All wood surfaces, furniture, stain, paint, and coatings inspection





# LINEAR REMOTE PHOSPHOR LED INSPECTION LIGHTING SYSTEM

Typical phosphor converted LED lighting starts with a blue LED light source where phosphor is added to the LED package converting the blue light into a mixture of light that appears white. Instead of placing the phosphor directly on the LED, we use a remote phosphor technology that places the phosphor away from the LED. With numerous advantages (including longer life, higher efficacy, better color consistency and even light distribution), this creates a smooth, singular light source - no pinpoint LEDs.

We discovered that red light passes through the phosphor material with very little change in wavelength or output, enabling blending of blue and red LEDs behind the phosphor to increase the red content of the light source. This not only increases the color rendering index (CRI) of the light, but it also creates a three peak light source that slightly over saturates colors making them appear more pleasing. This technology also has a higher efficacy than phosphor-based red enhancement solutions. Inspection processes that require color recognition or inspection of red, purple or brown subjects will further benefit from the red enhanced light output. Our remote phosphor technology, coupled with red enhancement and high CRI, provides seamless, superior inspection solutions.

## FEATURES AND BENEFITS:

- Dimming provides adjustability for surface color, texture, and operator preference - color and light distribution do not shift when dimmed
- Zebra/Contrast with no visible LEDs provide smooth output
- Improved operator comfort
- Industrial-based control system with more than 35 years of proven applications - provides exceptional control and a wide array of communications options allowing connectivity to almost any existing control system
- High color quality with high CRI option; red enhancement remote phosphor up to 5600K 94CRI
- General high-quality light for inspection/assembly/quality control
- Tuning for brightness or color based on inspection or operator needs
- Integrated control/networking/display
- Eliminate hazardous waste - no lead nor mercury used in manufacturing; only highly recyclable aluminum and polycarbonate
- Light output does not show point sources, especially on reflection



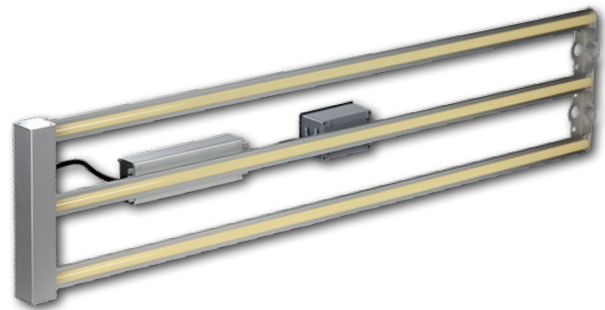
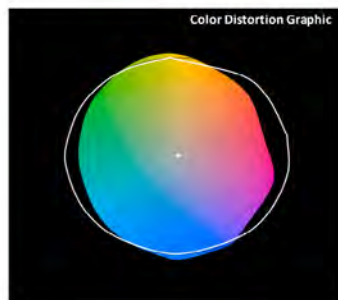
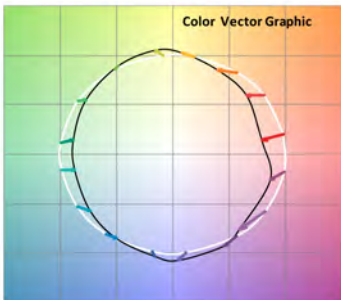




## LED REMOTE PHOSPHOR LINEAR LIGHTING

Horner's remote phosphor technology, coupled with red enhancement and high CRI, provides seamless, superior inspection solutions. Instead of placing the phosphor directly on the LED, we use a remote phosphor technology that places the phosphor away from the LED. With numerous advantages (including longer life, higher efficacy, better color consistency and even light distribution), this creates a smooth, singular light source - no pinpoint LEDs. Our technology also has a higher efficacy than phosphor-based red enhancement solutions. Inspection processes that require color recognition or inspection of red, purple or brown subjects will further benefit from the red enhanced light output.

### TM30 COLOR REPRESENTATION



### REMOTE PHOSPHOR

Typical phosphor converted LED lighting starts with a blue LED light source. Phosphor is added to the LED package to convert the blue light into a mixture of light that appears white. The phosphors help create green, yellow and red light components that makeup the white light.

We use a unique process for combining the phosphor with the LED. Instead of placing the phosphor directly on the LED, we use a remote phosphor technology that places the phosphor away from the LED. This has numerous advantages including longer life, higher efficacy, better color consistency and even light distribution.

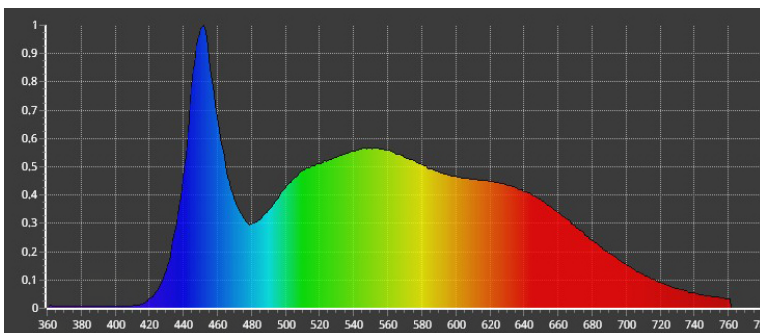
### CRI

CRI is often used to judge the ability of a light to produce accurate colors. The CRI can help evaluate light sources but there are often

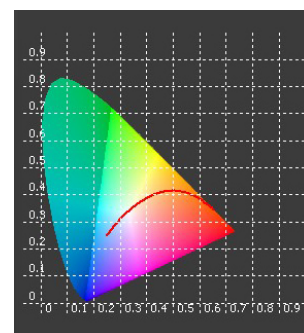
other details that need to be considered. CRI testing basically bounces the light source off 14 different colors. The light reflected is compared to its accuracy against a black body light (basically an incandescent bulb). 100 is the best possible match in color, the lower the number the less accurate the colors. You will notice the sample colors are mostly lighter and pastel colors.

LED lighting often does poorly with the R9 color accuracy. For general lighting a R9 value of greater than zero is often considered acceptable. Horner's red enhanced remote phosphor lighting can often improve this R9 value to 50 to 70.

The CRI is only one aspect of light quality - the spectrum from red enhanced lighting produces 3 peaks; these peaks slightly over saturate blue, green and red colors. Red, green/yellow, and blue lighting components of a light source, however, are important for perceived and objective light quality.



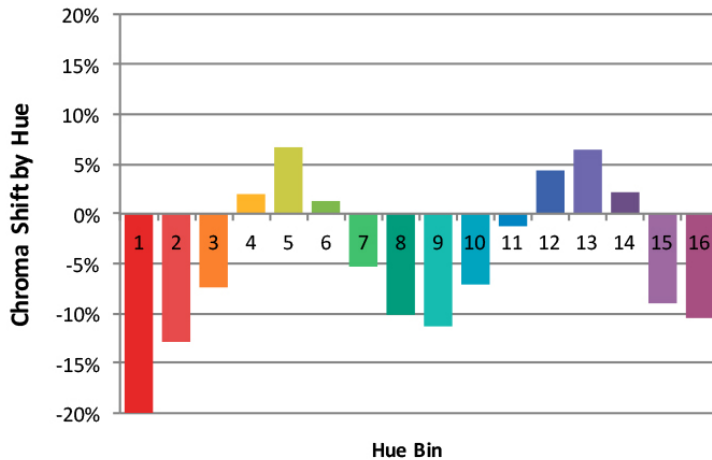
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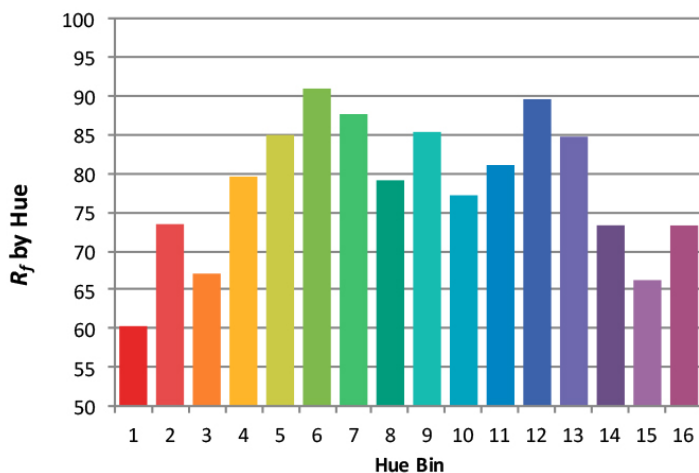


# ADVANTAGES OF HIGH CRI REMOTE PHOSPHOR

## TM30 CHROMA SHIFT



## TM30 FIDELITY



## IN THE FIELD

Tasks that require color matching and color inspection can benefit from high CRI lighting. Task where color matching, 3D vision around these colors also improves as more shades of the object can be visually observed. Inspections involving colorful painted surfaces, wire colors, chemical indicators or furniture finishes can benefit from higher cri, remote phosphor lighting.

The FAA has researched lighting for visual inspections. Their document titled, Design of the Aircraft Inspection/Maintenance Visual Environment recommend high CRI task lighting for use during inspection. This lets them see changes in metal color for corrosion or heat damage.

Remote phosphor lighting by itself provides excellent benefits including longer life, higher efficacy, better color consistency and a more even output. Inspection processes that require color recognition or inspection of red, purple or brown subjects will further benefit from the high CRI light output. When remote phosphor technology is combined with Horner's unique red enhancement technology it produces a high CRI light that is objectively and subjectively better light quality.

## CRI TESTING SOURCE COLORS







## HAZARDOUS LOCATION LIGHTING PRODUCTS

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## HAZARDOUS LOCATION HIGH BAY

Engineered, tested, and certified to withstand the most extreme application environments, the Horner Hazardous Location High Bay Series (HHB) is efficient, powerful, and durable. Built to withstand corrosion, extreme vibration, dust, dirt, moisture, wind, snow, water, high ambient temperatures, the Hazardous Location High Bay (HHB) Series is even explosion-proof. The HHB is Certified for locations with flammable vapors, combustible dusts, and gases (as outlined by NEC standards). The HHB's aluminum alloy housing is copper-free and corrosion-resistant, saving you maintenance time and money.

### LONG LIFETIME

- Premium, top-tier LEDs
- 5 year warranty backed by U.S. company founded in 1949
- 170,000+ hr lifetime
- Quality driver with integrated 10 kV surge
- -40°C to 60°C ambient temperature ensures long lifetime in a variety of conditions
- Superior LED thermal management ensures long lifetime
- 5G vibration
- 1000 hrs salt spray

### ILLUMINATING RESULTS

- 70 CRI standard enhances color and clarity
- 60° beam angle standard
- Typical mounting heights of 10' - 40'
- Lens type: glass

### FULL CIRCLE DESIGN

- Output of 10,400 - 19,500 lumens
- Engineered with quality, space-age materials
- Variety of options for surface, conduit, and bracket mounting
- IP66 Dust and Water protection UL wet-rated
- Extensive certifications: UL844; Class I Division 1, Group C, D; Class I Division 2, Group A, B, C, D; Class II Division 2, Group F, G; Class III; UL1598A; DLC 4.0 Premium
- Atmospheric pressure: 12.5 - 15.4 psi
- IK Rating IK09
- Corrosion-proof grade WF2
- Optional 347-480VAC
- Cable entries - 3x NPT 3/4 (1 top, 2 rear)

### BRIGHT SAVINGS

- Reduce downtime and minimize maintenance costs
- Potential for rebate savings through DLC certifications (refer to DLC QPL at [www.designlights.org](http://www.designlights.org))
- Up to 130 lumens/watt

## POSSIBLE APPLICATIONS

- |                      |                          |                              |
|----------------------|--------------------------|------------------------------|
| ■ Industrial storage | ■ Oil and gas refineries | ■ Chem. processing centers   |
| ■ Wastewater         | ■ Paper/textile mills    | ■ Loading docs/shipyards     |
| ■ Mining sites       | ■ Foundries              | ■ Grain mills/ag. facilities |





## HAZARDOUS LOCATION HIGH BAY ROUND (HHR)

Engineered, tested, and certified to withstand the most extreme application environments, the Horner Hazardous Location High Bay Round Series is efficient, powerful, and durable. The Hazardous Location High Bay Round Series is built to resist corrosion, extreme vibration, dust, dirt, moisture, wind, snow, water, and high ambient temperatures. The HHR is Certified for locations where flammable vapors, combustible dusts, and gases (as outlined by NEC standards) may be present. The HHR's aluminum alloy housing is copper-free and corrosion-resistant, saving you maintenance time and money.

### LONG LIFETIME

- Premium, top-tier LEDs
- 5 year warranty backed by U.S. company founded in 1949
- >145,000+ hr lifetime
- Quality driver with integrated 10 kV surge
- -40°C to 55°C ambient temperature ensures long lifetime in a variety of conditions
- Superior LED thermal management ensures long lifetime
- 5G vibration
- 1000 hrs salt spray

### ILLUMINATING RESULTS

- 70 CRI standard enhances color and clarity
- 110° beam angle standard
- Typical mounting heights of 10' - 40'
- Standard lens type: polycarbonate; tempered glass available upon request

### FULL CIRCLE DESIGN

- Output of 22,000-30,000 lumens
- Engineered with quality, space-age materials
- Variety of options for surface, conduit, and bracket mounting
- IP66 Dust and Water protection  
UL wet-rated
- Extensive certifications: UL844 for Hazardous Area; Class I Division 2, Group A, B, C, D; Class II Division 1, Group E, F, G; Class II Division 2, Group F, G; Class III Division 1; UL1598A Marine Outside Type (Salt Water); DLC 4.0 Premium
- Atmospheric pressure: 12.5 - 15.4 psi
- Cable entries - 3x NPT 3/4 (1 top, 2 rear)

### BRIGHT SAVINGS

- Reduce downtime and minimize maintenance costs
- Potential for rebate savings through DLC certifications (refer to DLC QPL at [www.designlights.org](http://www.designlights.org))
- 150 Lumens/watt

### POSSIBLE APPLICATIONS

- |                      |                          |                                |
|----------------------|--------------------------|--------------------------------|
| ■ Industrial storage | ■ Oil and gas refineries | ■ Chem. processing centers     |
| ■ Wastewater         | ■ Paper / Textile mills  | ■ Loading docks / Shipyards    |
| ■ Mining sites       | ■ Foundries              | ■ Grain mills / Ag. facilities |





## HAZARDOUS LOCATION LOW BAY

Engineered, tested, and certified to withstand the most extreme application environments, the Horner Circular Hazardous Location Low Bay Series is efficient, powerful, and durable. The Circular Hazardous Location Low Bay (HLB) Series is built to resist corrosion, extreme vibration, dust, dirt, moisture, wind, snow, water, and high ambient temperatures. The HLB is Certified for locations where flammable vapors, combustible dusts, and gases (as outlined by NEC standards) may be present. The HLB's aluminum alloy housing is copper-free and corrosion-resistant, saving you maintenance time and money.

### LONG LIFETIME

- Premium, top-tier LEDs
- 5 year warranty backed by U.S. company founded in 1949
- 150,000+ hr lifetime
- Quality driver with integrated 10 kV surge
- -40°C to 50°C ambient temperature ensures long lifetime in a variety of conditions
- Superior LED thermal management ensures long lifetime
- 5G vibration
- 1000 hrs salt spray

### BRIGHT SAVINGS

- Reduce downtime and minimize maintenance costs
- Potential for rebate savings through DLC certifications (refer to DLC QPL at [www.designlights.org](http://www.designlights.org))
- 150 Lumens/watt
- Lens type: glass

### FULL CIRCLE DESIGN

- Output of 9,000 - 9,750 lumens
- Engineered with quality, space-age materials
- Variety of options for surface, conduit, and bracket mounting
- IP66 Dust and Water protection  
UL wet-rated
- Extensive certifications: UL844 for Hazardous Area; Class I Division 2, Group A, B, C, D; Class II Division 1, Group E, F, G; Class II Division 2, Group F, G; Class III Division 1; UL1598A Marine Outside Type (Salt Water); DLC
- Atmospheric pressure: 12.5 - 15.4 psi
- Cable entries - 3x NPT 3/4 (1 top, 2 rear)

### ILLUMINATING RESULTS

- 70 CRI standard enhances color and clarity
- 110° beam angle standard
- Typical mounting heights of 8' - 12'

## POSSIBLE APPLICATIONS

- |                      |                          |                              |
|----------------------|--------------------------|------------------------------|
| ■ Industrial storage | ■ Oil and gas refineries | ■ Chem. processing centers   |
| ■ Wastewater         | ■ Paper/textile mills    | ■ Loading docs/shipyards     |
| ■ Mining sites       | ■ Foundries              | ■ Grain mills/ag. facilities |





## HAZARDOUS LOCATION LINEAR

Engineered, tested, and certified to withstand the most extreme application environments, the Horner Hazardous Location Linear is efficient, powerful, and durable. Built to withstand corrosion, extreme vibration, dust, dirt, moisture, wind, snow, water, high ambient temperatures, the Hazardous Location Linears are even explosion-proof. Hazardous Location Linears (HLL) are Certified for locations with flammable vapors, combustible dusts, and gases (as outlined by NEC standards). The HLL's aluminum alloy housing is copper-free and corrosion-resistant, saving you maintenance time and money.

### LONG LIFETIME

- Premium, top-tier LEDs
- 5 year warranty backed by U.S. company founded in 1949
- Up to 140,000+ hr L70 lifetime
- Quality driver with integrated 10 kV surge
- -40°C to 60°C ambient temperature ensures long lifetime in a variety of conditions
- Superior LED thermal management ensures long lifetime
- 5G vibration
- 1000 hrs salt spray

### ILLUMINATING RESULTS

- 70 CRI standard enhances color and clarity
- 110° beam angle standard
- Typical mounting heights of 8' - 20'
- Lens type: C1D1 - glass; C1D2 - polycarbonate

### FULL CIRCLE DESIGN

- Output of 9,600 to 10,960 lumens
- Engineered with quality, space-age materials
- Variety of options for surface, conduit, and bracket mounting
- IP66 Dust and Water protection UL wet-rated
- Extensive certifications: UL844; Class I Div 1, Group C, D; Class I Division 2, Group A, B, C, D; UL8750; UL924; Class II Division 1, Group E, F, G; Class III; UL1598A; DLC Premium
- Atmospheric pressure: 12.5 - 15.4 psi
- Optional 347-480VAC
- Cable entries - 3x NPT 3/4 (1 top, 2 rear)

### BRIGHT SAVINGS

- Reduce downtime and minimize maintenance costs
- Potential for rebate savings through DLC certifications (refer to DLC QPL at [www.designlights.org](http://www.designlights.org))
- Up to 130 lumens/watt

### POSSIBLE APPLICATIONS

- |                      |                          |                              |
|----------------------|--------------------------|------------------------------|
| ■ Industrial storage | ■ Oil and gas refineries | ■ Chem. processing centers   |
| ■ Wastewater         | ■ Paper/textile mills    | ■ Loading docs/shipyards     |
| ■ Mining sites       | ■ Foundries              | ■ Grain mills/ag. facilities |





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LED Linear Grow Light Series.....38-41







## STAINLESS STEEL GROW LIGHT

The Horner Stainless Steel Grow Light is a sealed, washdown/rainproof fixture. It has undergone several tests and has met specific guidelines for growing safety. This offers you peace of mind that you're buying a fixture that has been tested in multiple environments. Our Grow Light is perfect for any application in the Growing Industry, including starting seedlings in greenhouses, cloning, nurseries, vertical farming and more. Let Horner help you grow your business!

### LONG LIFETIME

- 5 year warranty backed by U.S. company founded in 1949
- Aluminum thermal management ensure LEDs run cool for longer life
- Resistant to moisture, dust, and impact, reducing maintenance costs and down time
- Water-proof design does not rely on adhesives which can fail over time
- Rated IP69K
- Stainless Steel construction
- Rated for 50,000 hours at L80

### FULL CIRCLE DESIGN

- Engineered with quality, metal frame
- Fuller spectrum with green and yellow content and wide range for deep red and far red
- Integrated driver minimizes fixture impact - sleek, minimal design ideal for tight/low spaces
- **Waterproof/Washdown/Dustproof**
- 120-277 VAC
- Ideal for typical wet environments of -20 to 40° C (-4 to 104° F)
- Aluminum Rebreather

### ILLUMINATING RESULTS

- Clear polycarbonate light diffuser produces smooth, even light output
- Typical mounting heights of 6' - 12'

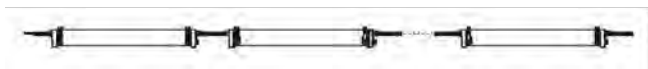
### POSSIBLE APPLICATIONS

- |                  |                    |                   |
|------------------|--------------------|-------------------|
| ■ Greenhouses    | ■ Vertical farming | ■ Farm to table   |
| ■ Indoor growing | ■ Research         | ■ Nursery centers |



MODEL / SKU	WEIGHT	DIMENSIONS (in)		WATTS	LIGHT OUTPUT PPF
		Diameter	Length		
ETG-SST4-1050-P1-C29 SL-P69X4-50-GW	4.5 lbs	2.95	47.24	50	80
ETG-SST4-1050-P1-C40 SL-P69X4-50-GWR	4.3 lbs			50	105

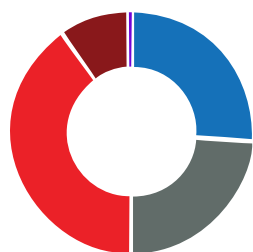
Fixture comes with S316 Hanging Cables for suspended mounting;  
Can be daisy-chained up to 6 fixtures\*  
\*typical spacing - max 16'



\*Accessory kit standard; optional additional cable (purchased separately):  
Kit includes - hanging clips, end cap and mounting hardware (shown)



Cable: MCC00028F  
wire is 16 AWG  
\*sold by the foot

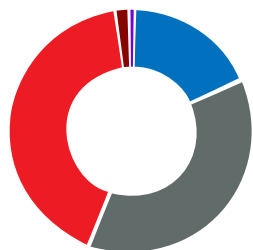
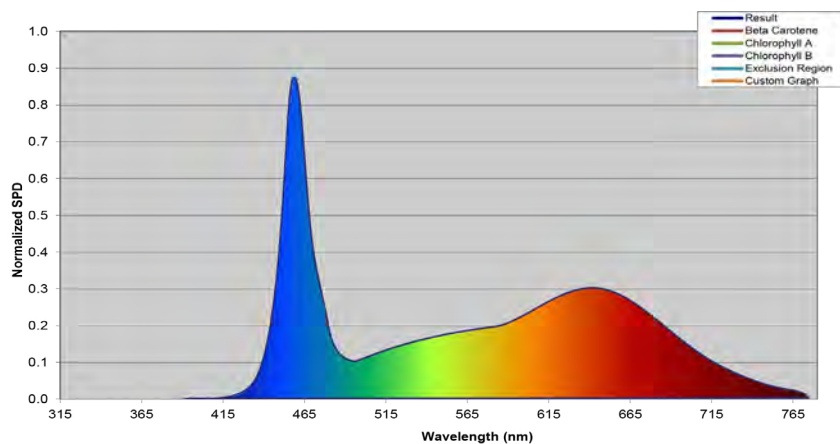


#### Color Ratios

■ Red: 40.16%  
■ Far Red: 9.73%  
■ Blue: 26.14%  
■ Green: 23.94%  
■ UV: .04%

### LIGHTING SPECTRUM LED Color Option C29 Purple/White

■ 1.6  $\mu\text{Mol/watt}$

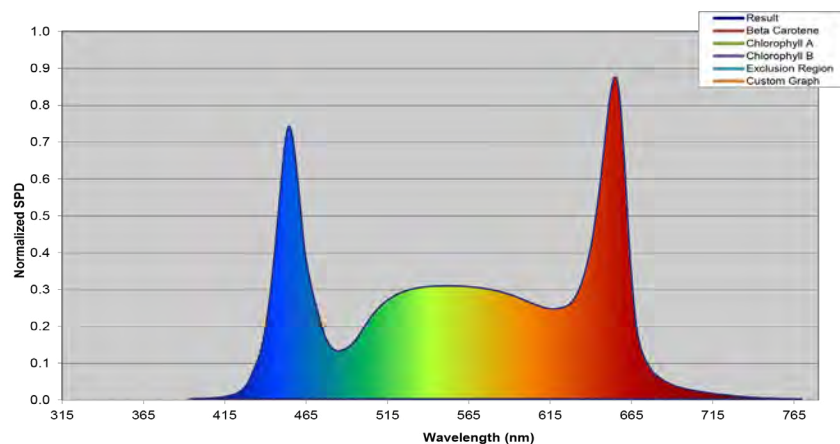


#### Color Ratios

■ Red: 43.54%  
■ Far Red: 1.78%  
■ Blue: 17.61%  
■ Green: 37%  
■ UV: .06%

### LIGHTING SPECTRUM LED Color Option C40 White/Deep Red

■ 2.1  $\mu\text{Mol/watt}$

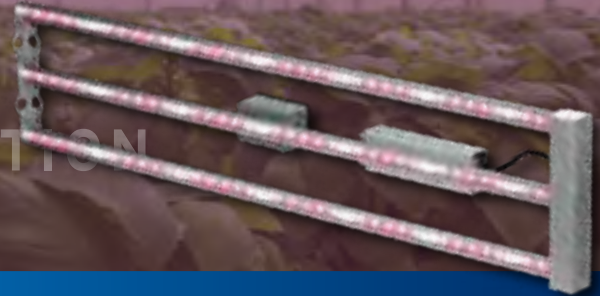




# LED LINEAR GROW LIGHT SERIES

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  $\mu$ 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  $\mu$ 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
<b>4 FT LINEAR</b>					
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  -  -  -  -  -  -

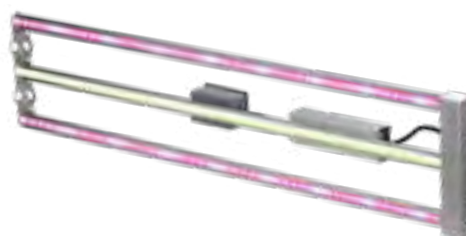
LED modules      power      led colors      optional: mount      coated board      plug      remote driver

**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)  
 \* standard

**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/>

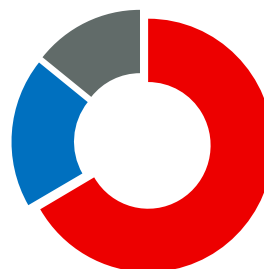
## LIGHTING SPECTRUM

### LED Color Option C20

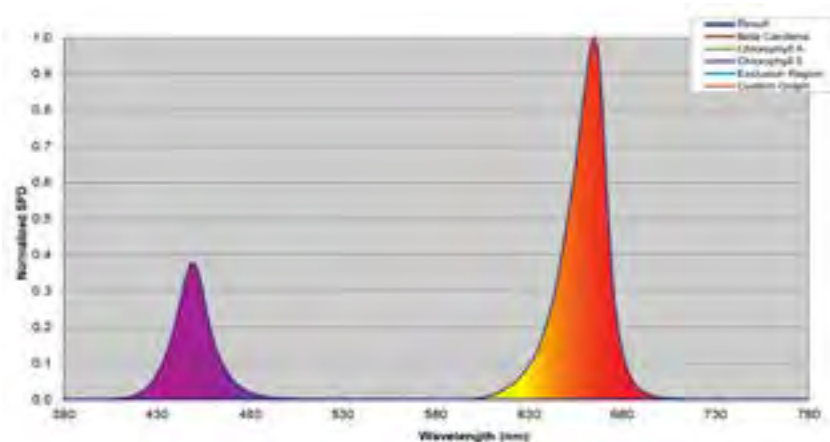
#### High Efficacy Red/Blue Mix

- 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



- Red: 66.58%
- Far Red: 0.07%
- Blue: 19.10%
- Yellow/Green: 14.24%





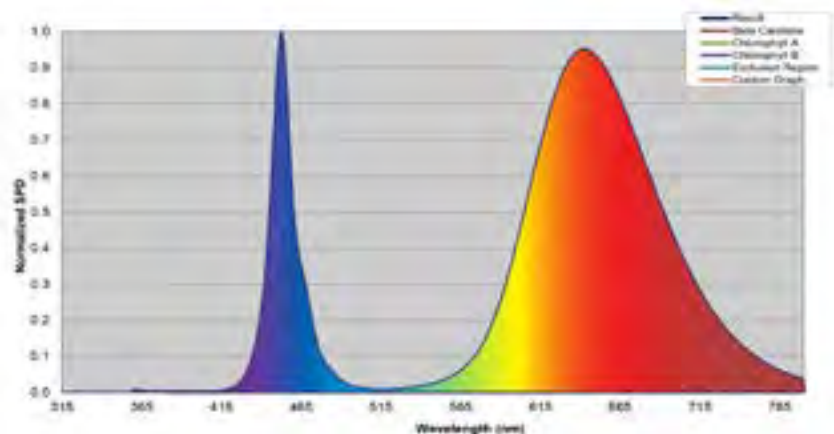
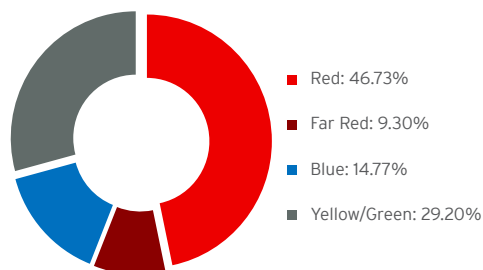
## LIGHTING SPECTRUM

### 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



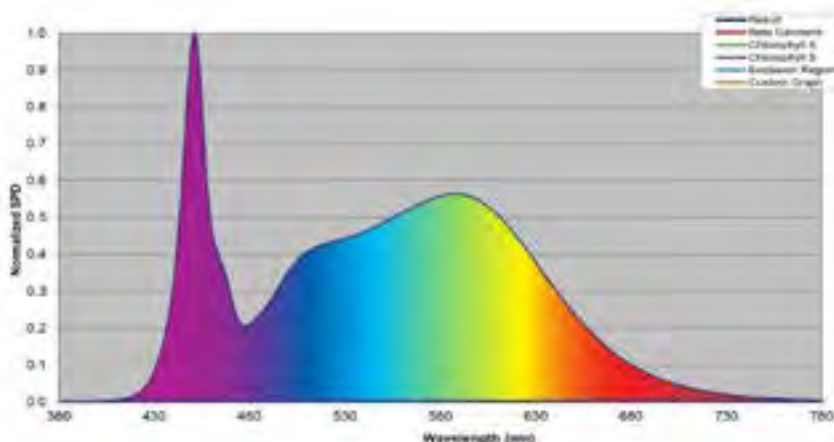
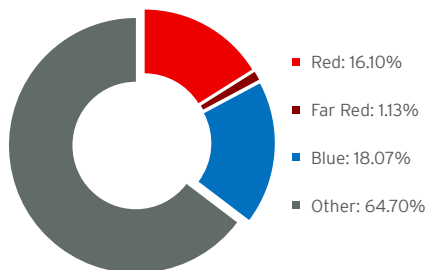
## LIGHTING SPECTRUM

### 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/>



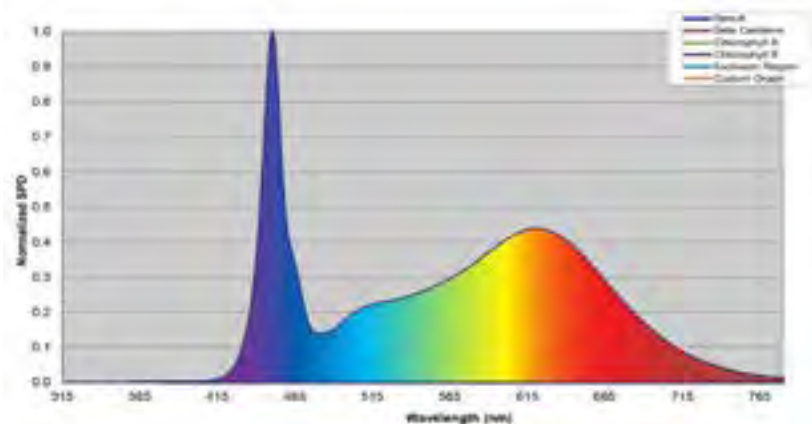
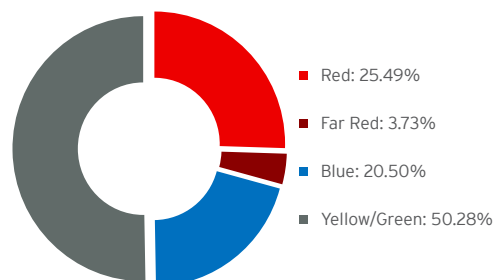
## LIGHTING SPECTRUM

### 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



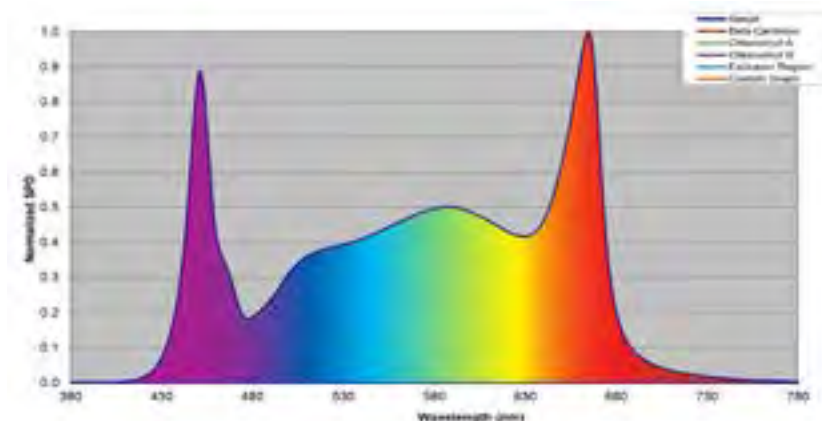
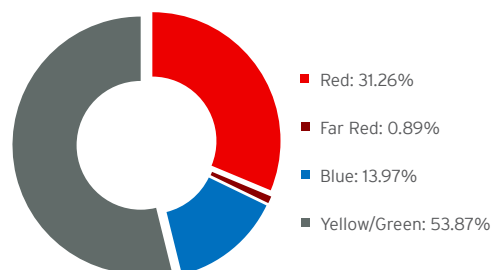
## LIGHTING SPECTRUM

### 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/>





## OTHER HELPFUL LINKS

**Lighting Website**



Channel Playlist

Documentation Search Page

**Linked .**

**Opt-In for Emails**