

# HSE NXT-LP

315W CMH LUMINAIRE



P.L. LIGHT SYSTEMS

THE LIGHTING KNOWLEDGE COMPANY



## THE NEXT BEST THING TO SUNLIGHT

The 315W NXT-LP CMH luminaire is the latest complement to the product family. This professional grade luminaire delivers optimal lighting performance both as a standalone technology, or when used to supplement existing lighting applications.

The luminaire's ultra low-profile design and low radiant heat output, lends itself ideally to vertical applications or in facilities where ceiling height is limited. The well-balanced, highly stable spectrum of Ceramic Metal Halide (CMH) lamp technology, delivers a natural white light that helps reduce inter-nodal stretching to produce a stockier, healthier plant during the vegetative growth cycle. This full spectrum light is also ideal for grading and visual comfort within the facility.

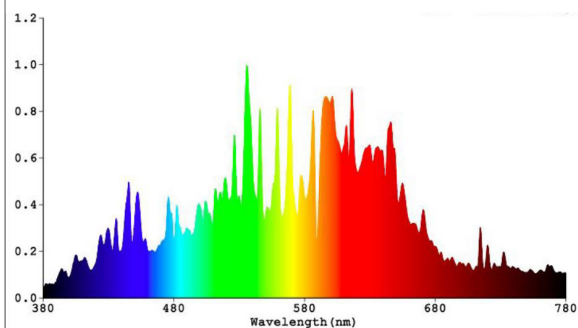
## KEY FEATURES & BENEFITS INCLUDE:

- Ideal spectrum for vegetative growth cycles; or for supplementary blue light in HPS flowering rooms.
- Low radiant heat, allowing for close-to-crop mounting and reduced BTUs—resulting in reduced AC costs.
- Low power consumption; High spectral stability
- Wide distribution angle for optimal uniformity.



CALL 1.800.263.0213 TODAY AND ASK FOR A DETAILED LIGHT PLAN!

### OPTIMAL BROAD SPECTRUM LIGHT OUTPUT

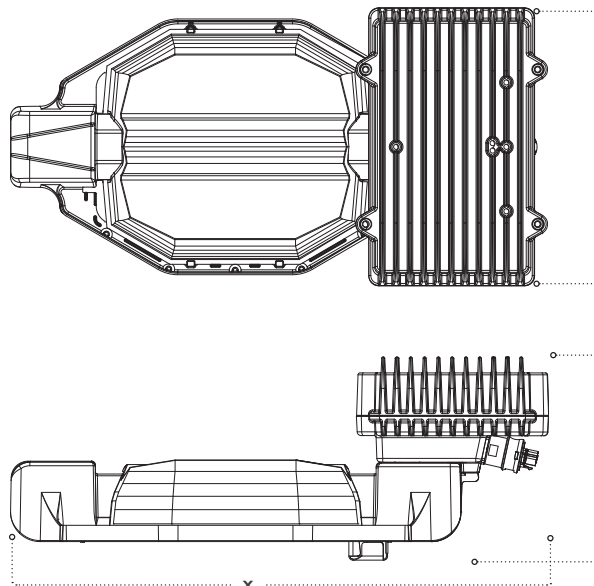


315W P.L. Light 4200K CMH Lamp - PPF 550 μmols

Ceramic Metal Halide (CMH) delivers a highly stable, well balanced light spectrum—similar to natural daylight—providing a broad spectrum of wavelengths (including UV), so the plant can absorb exactly what it needs.

The presence of UV in CMH lighting applications creates stockier, healthier plants, resulting in excellent growth and vigor of the crop—especially in the vegetative stage.

The natural, bright white light produced by CMH lamps is also more conducive to grading of the crop, and makes for a more visually comfortable environment.



| DIMENSIONS |                     |
|------------|---------------------|
| Length (x) | 21.50 in. (54.6 cm) |
| Width (y)  | 11.00 in. (27.9 cm) |
| Height (z) | 8.25 in. (21.0 cm)  |
| Weight     | 9.4 lb. (4.25 kg)   |

| TECHNICAL SPECIFICATIONS* |                     |         |         |
|---------------------------|---------------------|---------|---------|
| RATED MAIN VOLTAGE        | 240V                | 277V    | 347V    |
| INPUT CURRENT             | 1.44A               | 1.25A   | 1.00A   |
| POWER FACTOR              | >0.98               | >0.98   | >0.95   |
| INPUT FREQUENCY           | 50/60Hz             | 50/60Hz | 50/60Hz |
| ACTUAL INPUT POWER        | 345W                | 345W    | 345W    |
| CRI                       | 95                  | 95      | 95      |
| LAMP TYPE                 | 315 WATT CMH PGZX18 |         |         |

\* Accurate to ± 10%

P.L. Light Systems develops and manufactures supplemental lighting systems for the horticultural industry.



**P.L. LIGHT SYSTEMS**

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