

# HSE NXT-LP

600W / 1000 WATT LUMINAIRE



P.L. LIGHT SYSTEMS

THE LIGHTING KNOWLEDGE COMPANY



## UNCOMPROMISING LIGHTING PERFORMANCE.

Engineered specifically for low ceiling applications, the HSE NXT-LP offers growers the same industry-leading performance they have come to expect from the NXT family of products — without compromise.

The fixture's ultra low-profile design lends itself ideally to close-to-ceiling mounting, to allow for more space between the fixture and the surface of the crop in facilities where ceiling height is limited.

## KEY FEATURES & BENEFITS INCLUDE:

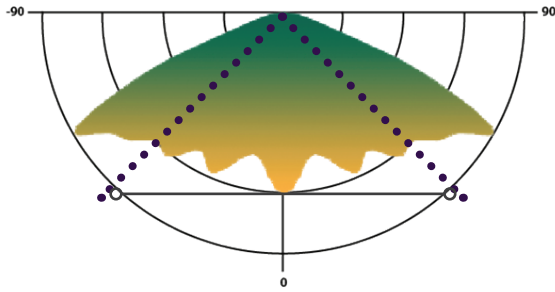
- Delivers optimum light output, unparalleled uniformity and depth penetration.
- Low-profile cast-aluminum housing for close-to-ceiling mounting — allowing for more space between light fixture and the surface of the crop.
- Dimmable electronic ballast.
- Built in heat fins and “breathable membrane” to reduce operating temperature.
- Accommodates both HPS and MH\* double-ended lamps, so with a simple lamp change, growers can complete a full growth cycle in one room, under the same luminaires.



\*1000W non-dimmable applications only

**CALL 1.800.263.0213 TODAY AND ASK FOR A DETAILED LIGHT PLAN!**

## EXCEPTIONAL DEPTH PENETRATION



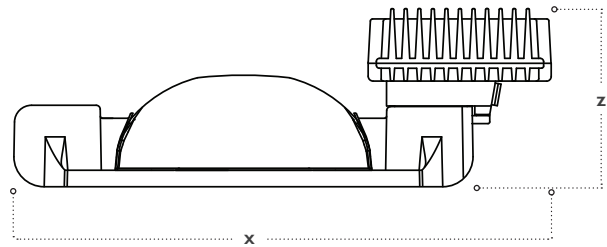
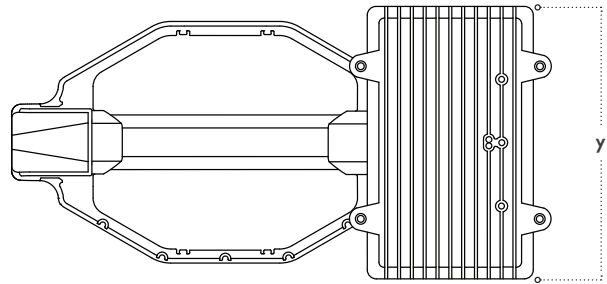
With taller plants, directing light deep within the canopy — to reach the lower leaves — is typically a challenge. For this reason, growers should be looking at both the **light output** and **light distribution** when selecting the best supplemental lighting for their application.

High peak candela values between 0 & 45 degrees in the lower hemisphere of the distribution curve indicate good depth penetration into the crop beneath the fixture.

The NXT-LP with Beta reflector, displays high values across this entire section of the curve to deliver uniformly deep light penetration into the canopy.

## DIMENSIONS

	Alpha/Beta	Asymmetric
x = length	21.25 in. (53.98 cm)	22.75 in. (57.79 cm)
y = width	11.00 in. (27.94 cm)	14.00 in. (35.56 cm)
z = height	7.50 in. (19.05 cm)	9.00 in. (22.86 cm)
weight	10.00 lb. (4.54 kg)	10.30 lb (4.67 kg)



## TECHNICAL SPECIFICATIONS\*

	600W					1000W			
RATED MAIN VOLTAGE	120V	208V	240V	277V	347V	208V	240V	277V	347V
INPUT CURRENT	5.50A	3.04A	2.65A	2.29A	1.84A	5.10A	4.42A	3.77A	3.01A
POWER FACTOR	>0.98					>0.98			
INPUT FREQUENCY	50/60Hz					50/60Hz			
ACTUAL INPUT POWER	660W	660W	660W	630W	630W	1060W	1060W	1045W	1040W
LAMP TYPE	HPS 600W 400V ELECTRONIC					HPS / MH 1000W 400V ELECTRONIC			

\* Accurate to ± 10%

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



P.L. LIGHT SYSTEMS

**CARLIN**  
Horticultural Supplies

800.657.0745  
www.carlinsales.com