

BUILT TO LAST

*PARKS
RECREATION
SCHOOLS
FIELD & COURT*

*LATEST TECHNOLOGY
PROVEN SYSTEM
PRECISION OPTICS*



PRE-CONFIGURED FOR INTEGRATION
WITH SYNAPSE CONTROLS

synapse

EXCELLENCE IN DESIGN

OVERVIEW

The NightPark series LED Sports Light is designed for exterior sports lighting. Using the highest quality LED, driver, surge protection, and structural aluminum, the NightPark takes advantage of all the latest LED components, light performance technology, and modern manufacturing.

The honeycomb surface keeps the LEDs recessed, reducing direct line of sight to LEDs from side angles and thus, delivering less glare.

CONSTRUCTION

- IK08 Impact Resistance
- IP66 Ingress Protection
- C4 (ISO 9223:2012) Category of Corrosion
- Heavy duty die-cast aluminum housing.
- Light engine thermally isolated from driver compartment.
- UV stabilized polyester powder paint finish.

OPTICAL / ELECTRICAL

- Industries highest performing LED and optical combination using 3737 LEDs
- Wide range of light distributions to maximize surface photometric coverage and uniformity
- -40° to 50° ambient operating temp range
- 1-10V dimming driver device standard
- 100-277Vac operation 50/60HZ standard, 347V/480V 50/60Hz optional
- Standard 10kA, 20kA available

FINISH

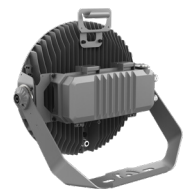
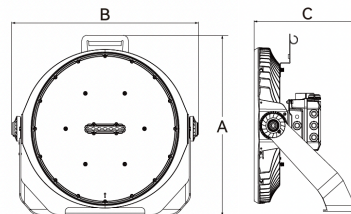
Rugged, weather-tight design and 3G vibration ratings ensure durability even in harsh environments.

PERFORMANCE

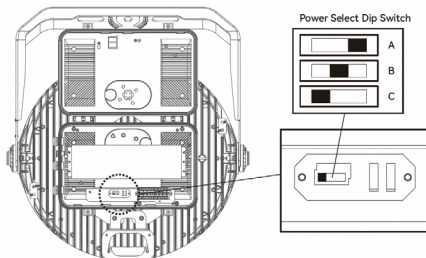
Product	Wattage	Lumens*	Size (AxBxC)	Weight	Windage
HLSP17	800WS 800/600/400W selectable	70k to 135k	20.71x22.2x12.83"	38.38 lbs	1.292ft² at 20° 1.873ft² at 40° 2.299ft² at 60° 2.454ft² at 80°
	1K2WS 1200/1000/800W selectable	135k to 205k	22.87x25.51x13.07"	55.42 lbs	1.666ft² at 20° 2.441ft² at 40° 3.023ft² at 60° 3.281ft² at 80°

Other

Operating Temp	-30°C to +50°C
CCT	5000K Standard 4000K, RGB Available upon request
Power Factor	>0.97 at full load
THD	<20%
Flicker	<1%
IP Rating	IP66, IK10



LASER AIMING:
Aiming device with engineering plan to aim lights to match photometrics.



PHOTOMETRIC AND ENGINEERING SERVICES AVAILABLE INCLUDING A COMPLETE BILL OF MATERIAL AND SYNAPSE INTEGRATION.

ORDERING

Example: HLSP17-1K2WS-5K-V1-TR-12-S1

MODEL	WATTAGE	COLOR	INPUT VOLTAGE	MOUNTING	OPTICS	REFLECTOR
HLSP17	800WS 1k2WS	5k: 5000K	V1: 120-277V V2: 200-480V	TR: Trunion SF: Slip Fitter	12 17 22 30 45 60 * degrees	N: None S1: Shield Reflector