

LPS Series ZDNY-SL-LPS

Philips LPS

Characteristics

Small size, high luminous efficiency, energy-saving.

The lamp demonstrates yellow light, and has the function of defogging.

High lux maintenance, long life span.

Can only be started by ballast.

Advantage

High visibility.

Especially suitable for misty areas.

Usage

Street, tunnel, port, wharf, mine, parking lot, etc.



The characteristics of low pressure sodium lamp electronic ballast

- ① Small size, light weight, low self loss(3%).
- ② High power factor 99%, constant power output (170V-260V), current harmonics $\leq 10\%$, the peak current ratio $\leq 1.5\%$.
- ③ High-frequency lighting, no flicker, increasing the luminous efficiency 10%, extending the lamp life by 2.5 times.
- ④ Common models, save energy by 30% - 40% comprehensively; luminous adjustable models, save energy by 50% - 70%.
- ⑤ Can be AC, DC at different voltages, multiple power supply options.
- ⑥ The dimmer mode and degree could be set according to user's needs.

LPS Series ZDNY-SL-LPS

Light Pole	Steel structure (hot dip galvanized and plastic-sprayed) 6~10 meters
Solar Panel	80Wp-150Wp Mono or poly crystalline
Battery Capacity	12V/50-200Ah(1 or 2pcs), Maintenance-free lead-acid battery/gel battery
Lighting Source	LPS 18W-91W, DC12/24V, AC110/220V
Controller	Microcomputer control system, overcharge protection, overdischarge protection, reverse-connection prevention, photovoltaic control and timing control
Working Condition	-20°C ~ 50°C
Working Time	8-10 hours a day, normal illumination over 3 continuous cloudy or rainy days

Project Reference



26W LPS



36W LPS

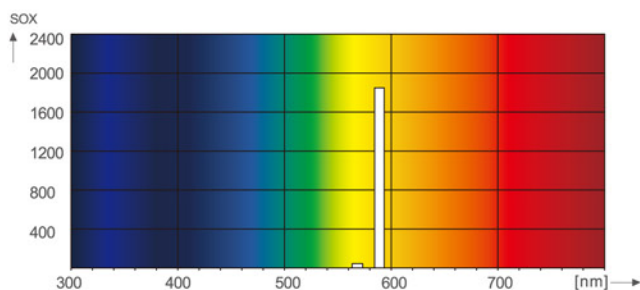


66W LPS



91W LPS

Power spectrum distribution diagram



Low pressure sodium lamp's emission wavelength is 589.0nm and 589.6nm monochromatic light, the position of the two yellow lines is close to the green line, The most sensitive wavelength of the human eyes is 555.0nm.

Model	Power(w)	Luminous Flux(lm)	The average life expectancy (h)	Diameter(mm)	Length(mm)	Package(Pcs/box)
SOX-E 18W	18	1770	18000	52	216	12
SOX-E 26W	26	3700	18000	52	310	12
SOX 35W	35	4550	18000	52	310	12
SOX-E 36W	36	5800	18000	52	425	12
SOX 55W	55	7800	18000	52	420	12
SOX-E 66W	66	10700	18000	68	528	12
SOX 90W	90	14300	18000	52	530	12
SOX-E 91W	91	17000	18000	68	775	12