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Street Lights

Cobra Head

July 2015



The Pro-Lite Liberty Street Light



Introduction

As a worldwide recognized leader in LED technology that has been Manufacturing, Designing, and Engineering LED lighting products for over 34 years, Pro-Lite is pleased to introduce a new line of Outdoor LED Cobrahead Street Lights named the Liberty Series.

Proudly designed and made in the USA, the Liberty Series LED Cobrahead Street Light was modeled after Lady Liberty, a true American Symbol.

The Liberty Series LED Cobrahead street lights are uniquely designed street lights that are by far one of the most brightest and energy efficient street lights on the market today. They incorporate one of the industry's most reliable and widely used LEDs in the street light industry, powered by Phillips, one of the premier makers of LEDs in the world. LEDs made by Phillips have been truly tried and tested, and they are a proven top performer in the street light industry.

With its durable, scalable, and stylish design, along with its long lasting, bright, and high energy efficient saving capabilities, the Liberty Series LED cobrahead street light is one of the best street lights ever developed, and they can be seamlessly integrated or incorporated into the design and appearance of any city street municipality.

Performance Specifications

	PL-LCHLI-LF107-40D7G	PL-LCHL2-LF105-40D7G	PL-LCHL3-LF105-40D7	PL-LCHL4-LF107-40D7G
Size of Cobra Light	18"x12"x5"		25"x14"x5"	
LED Manufacturer	Philips			
Working Current	700 mA	530 mA	530 mA	700 mA
Number of LED Module	1	2	3	4
Typical Watts	31.3 W	47 W	70.5W	125.2 W
Typical Efficacy	122 lm/W	129 lm/W	129 lm/W	122 lm/W
Total Lumen Output, typical	3814 lm	6072 lm	9108 lm	15256 lm
Color Rendering Index (CRI)	70 Ra at 4000K			
Lens or Reflector	Lens			
Driver Manufacturer	Philips			
Driver Specification	40W/0.7A	75W/0.53A	100W/0.53A	150W/0.7A
Optional Photoelectric Controls	Fisher Pierce, 7790B-SPS Photo control 105-285VAC, or TRS2			
Optional Dimmer	Fisher Pierce, Dimulator DIM-3-TM1			
Surge Protector	Philips, SPI			
Temperature Ratings:	-40°C to 50°C.			
LED lifetime, 90% survivals	50,000 hrs.			