

# LEP STA Series

Light Emitting Plasma™ for high-illuminance applications



50%+ Energy Savings

Up to 23,000 Directional Lumens

Long Life up to 50,000 Hours

Color Rendering Index up to 95

Single Small Source (7mm x 15mm)

Dimmable to 20%

Digitally Controlled

Ideal for outdoor area, roadway, highbay,  
and industrial lighting



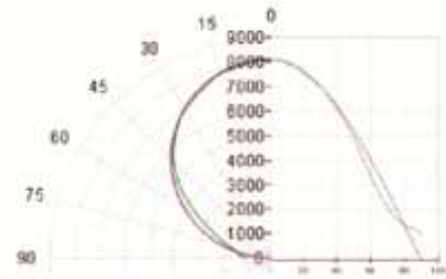
# LEP STA Series

## Product Data

Part Description	LEP Light Source		
Ordering Code	STA-41-01	STA-41-02	STA-25-03
Emitter Length x Diameter	72.9 x 116 mm		
Driver Unit L x W x H	193 x 85 x 32 mm		
Rated Average Life	50,000 Hrs	30,000 Hrs	50,000 Hrs
Total Initial Lumens	23,000	17,000	12,000
Typical Turn-on Time	45 Seconds		
CCT	5200 Kelvins		
CRI	75	95	75
Dimming Range <sup>1</sup>	20-100%		
DC Input Voltage <sup>2</sup>	28 Volts	24 Volts	
DC Input Current	9.2 Amps	6.3 Amps	
Nominal AC Power	280 Watts	160 Watts	
Orientation	+ / - 90° from Vertical Down		

<sup>1</sup> Digital and 1-10v analog control for smart lighting applications.

<sup>2</sup> LEP system DC power. Additional power supply required for AC operation.



Spectral Power Distribution

