

HiSoldier



Professional Roadway Lighting

135
LM/W



ST07, ST09

HiSoldier

- Accept ANSI standard dimmable photocells to provide a connection between the photocell and the luminaire
- Available with two or four dimming contacts to support one or two channel dimming protocols
- Various NEMA socket available: 3pin, 5pin, 7pin



Streamlined Heat Sink

Aluminum housing with cooling fins accelerate the airflow and enhance the heat dissipation performance. Both the LEDs and the driver work in a very good temperature which ensures longer lifespan.

Different Power, Two Sizes

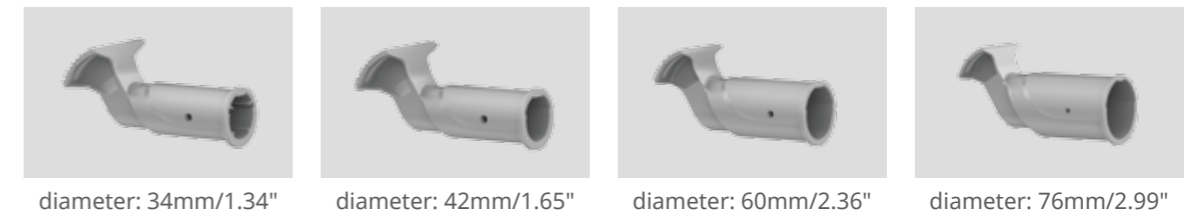
Power ranges from 30W to 180W with two sizes. One family, boundless configurations. Offered in two sizes, Viper optimizes performance, output, and efficiency. The Viper is ideal for applications ranging from pedestrian walkways to large logistical centers with extremely high mounting heights. Outputs begin at 5,000 lm. Maximum output exceeds 42,000 lm.



Dimensions

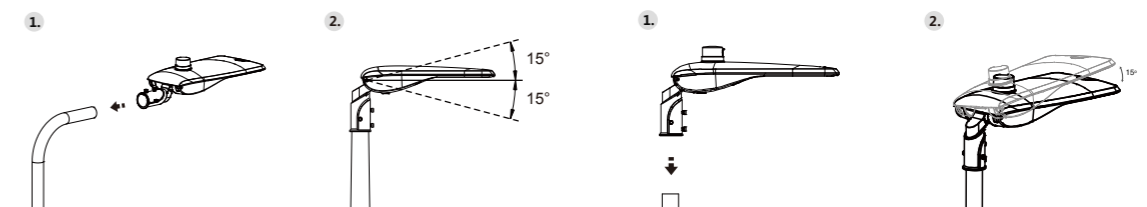
ST07 : 120W , 150W , 180W	
Net Weight	8.5±0.3kg (18.74±0.66Lbs)
Outlook Dimensions	763x352x167mm (30.04"×13.86"×6.57")
Export Carton Size	790x390x150mm (31.1"×15.35"×5.91")
ST09 : 30W 50W 70W 90W	
Net Weight	6.5±0.3kg (14.33±0.66Lbs)
Outlook Dimensions	680x282x160mm (26.77"×11.1"×6.3")
Export Carton Size	700x350x145mm (27.56"×13.78"×5.71")

Four Sizes Spigot



Flexible Installation Angle

Optional Installation Angle -15°, -10°-5°, 0°, 5°,10° 15°



Technical Data

Part Number	ST07-120	ST07-150	ST07-180
Lumen Output	16,200lm	19,500m	23,400m
Wattage	120W	150W	180W
Luminous Efficacy	135lm/W	130lm/W	
CCT	4000K(3000K, 5000K optional)		
CRI	>Ra70(>Ra80 optional)		
IP Rating	IP66		
Working Temperature	-30°C to +50°C		
LED Driver	MEANWELL, INVENTRONICS, SOSEN		
Input Voltage	100-240Vac/100-277Vac, 50-60Hz		
Power Factor	≥0.90		
Warranty	2 years		
Lifespan	>50,000hrs		
HID Equivalent	250W	400W	400W

Part Number	ST09-030	ST09-050	ST09-070	ST09-090
Lumen Output	4,050lm	6,750lm	9,450lm	12,150lm
Wattage	30W	50W	70W	90W
Luminous Efficacy	135lm/W			
CCT	4000K(3000K, 5000K optional)			
CRI	>Ra70(>Ra80 optional)			
IP Rating	IP66			
Working Temperature	-30°C to +50°C			
LED Driver	MEANWELL, INVENTRONICS, SOSEN			
Input Voltage	100-240Vac/100-277Vac, 50-60Hz			
Power Factor	≥0.90			
Warranty	2 years			
Lifespan	>50,000hrs			
HID Equivalent	70W	120W	150W	150W

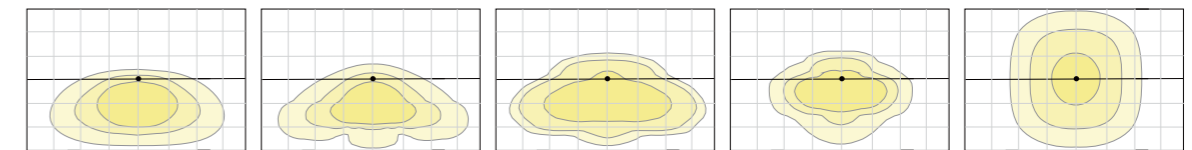
Mounting



Light Distribution Optional

Multiple optical lens Type I, II, III, V Light utilization rate ≥80%

ST07: 120W /150W /180W



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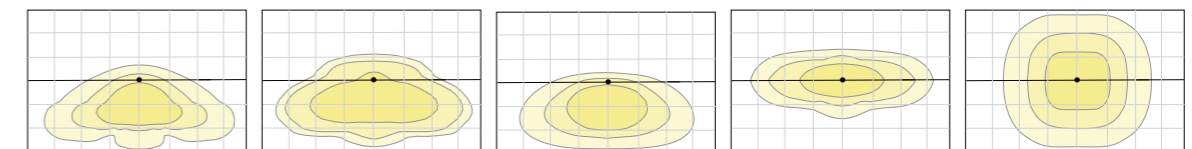
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ST09: 30W /50W /70W/90W



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Certification

