



Description

HiSoldier was designed for roadway and parking lot area, replace traditional street and area light with quick payback and superior performance.

Key Features

- Die-cast housing made by durable and recyclable material
- The streamlined cooling fins hold super heat dissipation
- Easy & fast to install or main, low labor costs
- Automatic power-off protection and surge protection

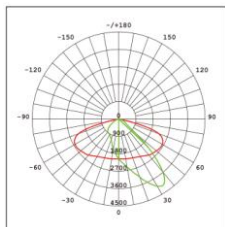
Applications

- Countryside roads
- City roads, highway
- Residential areas
- Parking lot areas
- Plazas

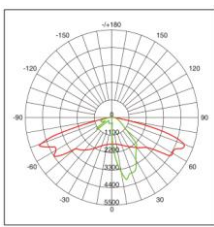
Specifications

Model No.	ST09-030	ST09-050	ST09-070	ST09-090
Power Consumption	30±3W	50±3W	70±3W	90±4W
LED Type	Nichia LED			
Luminous Flux	3600(±5%)lm	6000(±5%)lm	8400(±5%)lm	10800(±5%)lm
Efficacy	120(±5%)lm/W			
Color Temperature	4000K (3000K, 5000K optional)			
Color Rendering Index	Ra70 (Ra80 optional)			
Beam Angle	R09601, R09602, R09603			
Power Supply	Inventronics			MEANWELL
Input Voltage	100-240 VAC / 100-277 VAC			200-240 VZC
Power Factor	>0.90			>0.92
Frequency	50 / 60 Hz			
Surge Protection	6kV line-line, 10kV line-earth			
Driver Type	Constant Current (CC)			
Product Dimension	φ680x282x160mm(φ26.77"×11.1"×6.3")			
Luminaire Net Weight	6.5±0.3kg(14.33 ± 0.66Lbs)		6.8±0.3kg(14.99 ± 0.66Lbs)	
Export Carton Size	700x350x145mm(27.56"×13.78"×5.71")			
Gross Weight	8.5 ± 0.3kg(18.74 ± 0.66Lbs)			
Material	Housing	Aluminum Alloy		
	Optics	Tempered Glass + Polycarbonate Optical Lens		
Finish	Powder Coating			
Fixture Color	Gray			
IP Rating	IP66			
Mounting Option	Pole Mounting (Adjustable Angle)			
	Wall mounting			
Operating Temperature	-30°C to + 50°C(-22°F to 122°F)			
Life Time	>50000Hrs(Ta=30°C@L70)			
Warranty	5 Years			
Dimmable	1-10V Dimmable and Non-dimmable			
Intelligent Control	Photocell Control/DALI Control /Timing Control			
Accessory	Spigot- φ34mm/42mm/60mm/76mm			
	Wall mount bracket			
	NEMA Socket - 3pin/5pin/7pin			
	Photocell controller			
	Short Cap			

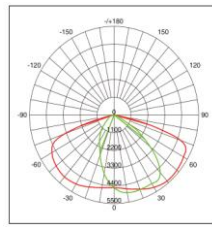
Photometry



Type II
(R09601)



Type II
(R09602)



Type II
(R09603)

Mounting Options

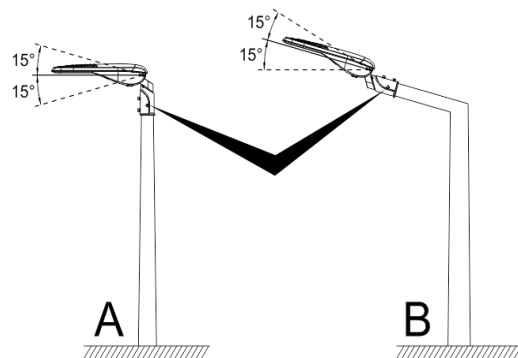
Horizontal



Vertic

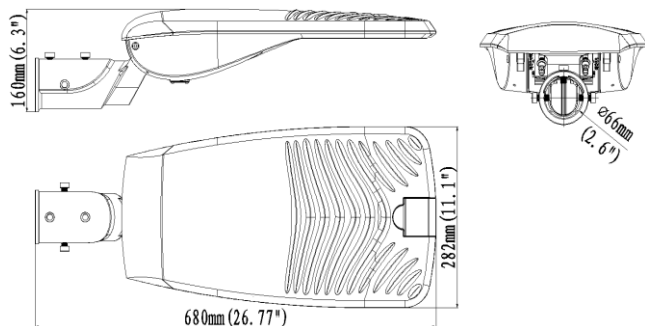


(Adjustable Angle)

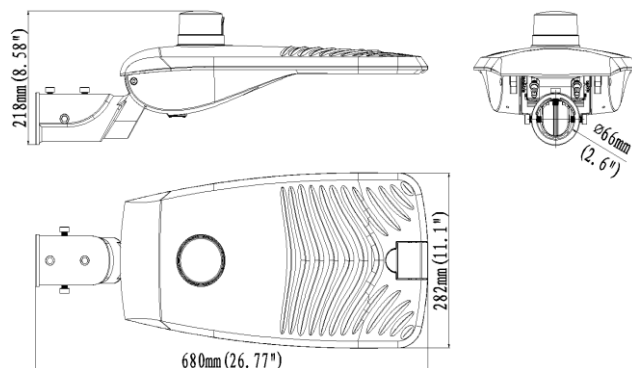


Dimensions

Standard



With Photocell



Accessories

φ34mm Spigot



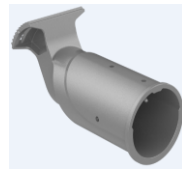
φ42mm Spigot



φ60mm Spigot



φ76mm Spigot



Wall Mount Bracket



3pin NEMA



5pin NEMA Socket



7pin NEMA Socket



Photocell Controller



Short Cap

