GLOBAL AXIS Co. llc
LED LIGHTS & SOLAR SOLUTIONS

HiSoldier LED Street Light

Version: 2.0

Specifications

Model No.	ST07-030	ST07-050	ST07-070	ST07-090	ST07-120	ST07-150	ST07-180
Power Consumption	30±3W	50±3W	70±4W	90±5W	120±6W	150±8W	180±9W
LED Type	SMD						
Luminous Flux (±5%)	4050lm	6750lm	9450lm	12150lm	16200lm	19500lm	23400lm
Efficacy(4000K Ra70)	135lm/W					130lm/W	
Color Temperature	4000K (3000K, 5000K optional)						
Color Rendering Index	Ra70 (Ra80 optional)						
Beam Angle	R17601, R17602, R17603, R17604, R17605						
Power Supply	MEANWELL						
Input Voltage	100-240 VAC / 100-277 VAC						
Power Factor	≥0.90						
Frequency	50 / 60 Hz						
Surge Protection	6kV line-line, 10kV line-earth						
Driver Type	Constant Current (CC)						
Product Dimension	763x352x167mm(30"×13.86"x6.58") (Side Entry)						
Luminaire Net Weight	8.5± 0.3kg (18.74±	8.8±0.3kg (19.4±0.66Lbs)		9.0± 0.3kg (19.84±	9.2±0.3kg (20.28±0.66Lbs)		
Export Carton Size	790x390x150mm(31.1"×15.35"×5.91")						
Gross Weight	10.2± 0.3kg (22.44± 0.66Lbs)	10.5±0.3kg (23.1±0.66Lbs)		10.7± 0.3kg (23.54± 0.66Lbs)	10.9±0.3kg (23.98±0.66Lbs)		
Material	**Housing**	Aluminum Alloy					
	Optics	Polycarbonate Optical Lens+Tempered Glass					
Finish	Powder Coating						
Fixture Color	Grey (RAL9006)						
IP Rating	IP66						
Mounting Option	Spigot (Adjustable Angle)						
	Wall mounting						
Operating Temperature	-30℃ to + 50℃(-22℉ to 122℉)						
Life Time	>50,000Hrs (Ta=30℃@L70)						
Warranty	5 Years						
Dimmable	1-10V Dimmable and Non-dimmable						
Intelligent Control	Photocell /DALI Control						
	Timer Control / Solar Options						
Accessory	**Spigot**- ϕ34mm/42mm/60mm/72mm						
	Wall mount bracket/Corner Mount Bracket/ T Bracket / L Bracket						
	NEMA Socket - 3pin/5pin/7pin						
	Short Cap						

Description

G-AXIS's HiSoldier LED streetlight is low-profile, durable and state-of-the-art fixture. Designed for roadway and parking lot area, replace traditional street and area light with quick payback and superior performance.

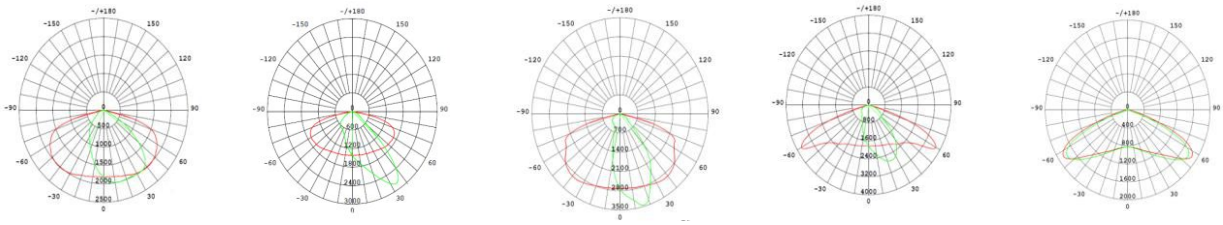
Key Features

- Super Smooth Surface
- Tool-free Open and Maintenance
- Easy Replacement for LED Driver
- Power-off Protection
- Surge Protection
- Wide choice of optics and installation spigots

Applications

- Traffic routes
- Residential areas
- Plazas, parking lot areas

Photometry



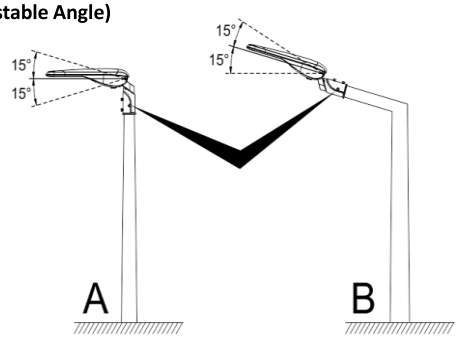
R17601 R17602 R17603 R17604 R17605

Mounting Options

Side-entry

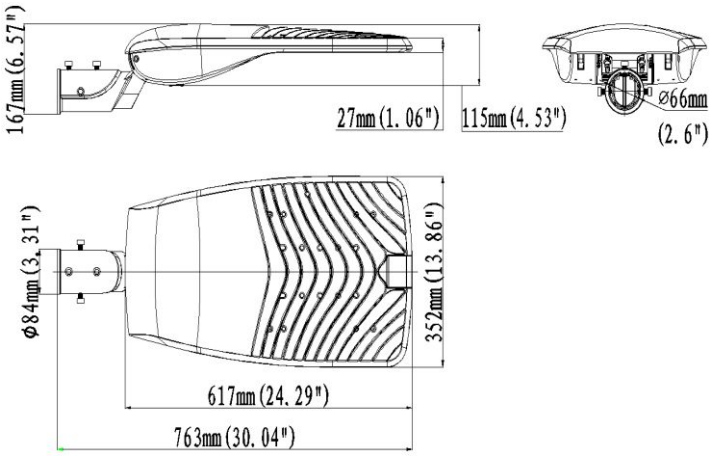
Post-top

(Adjustable Angle)

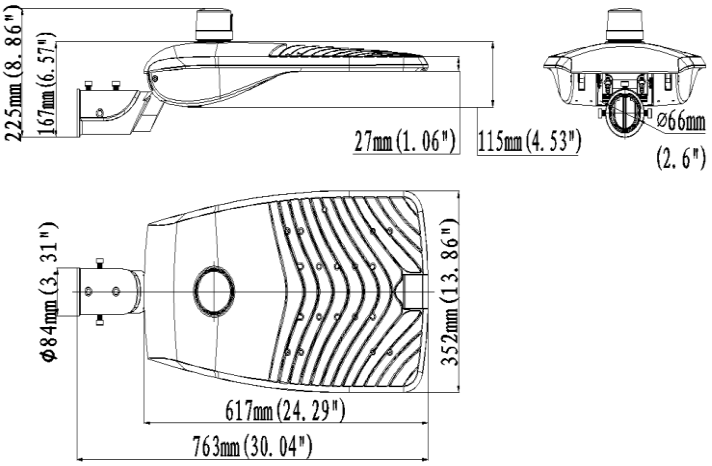


Dimensions

Standard



With Photocell



Accessories

ϕ34mm Spigot

ϕ42mm Spigot

ϕ60mm Spigot

ϕ76mm Spigot

Wall Mount

Corner Mount

L Bracket

3pin NEMA

5pin NEMA

7pin NEMA Socket

Photocell Controller

Short Cap

T Bracket