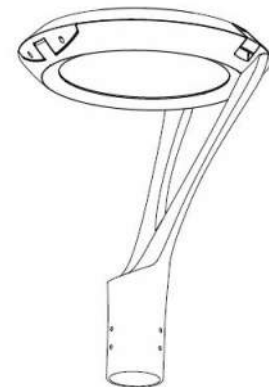
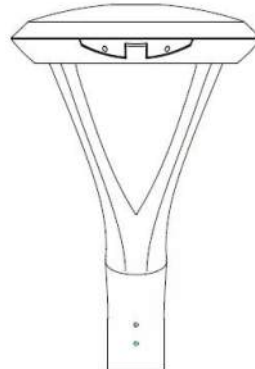
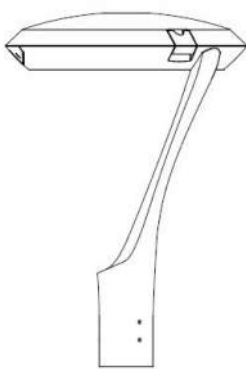
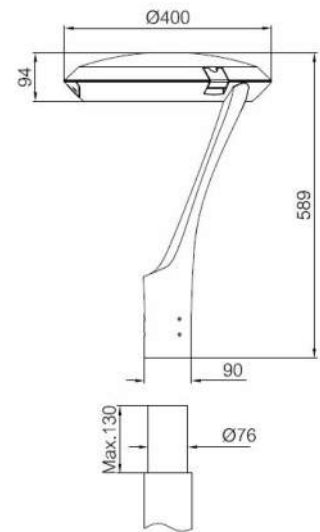


Elegant Form

Taking control of Light

CitySoft® Amazing uses the high-performance LED engine with latest LED performance and a wide range of optics to latest standards. Its highly efficient thermal system design ensures maximum heat transfer and longer LED service life. This reliable luminaire system operates well in both low and high temperature environments. It offers more than 10 years expected life, reducing maintenance frequency and cost (based on a 60,000 hours rated life and 12 hours operation per day). CitySoft® design is flatter, completely round and slippy, the transitions with the spigot and arm entirely flush, thereby giving your cityscape a coherent, elegant and discreet identity



Net weight: 9.0Kg EPA: 0.69 (Sq. Ft.)



Applications

City centers, Villa areas, Commercial districts, Parks and Plazas, Urban landscape, Urban green belt, Rural road, Riverside, Lakeside, Residential areas, Pathway, building wall mounts etc.,

Features

The CitySoft® Amazing is designed to the highest standards of excellence and quality with attention focused on the finest details to aid light performance and maintenance

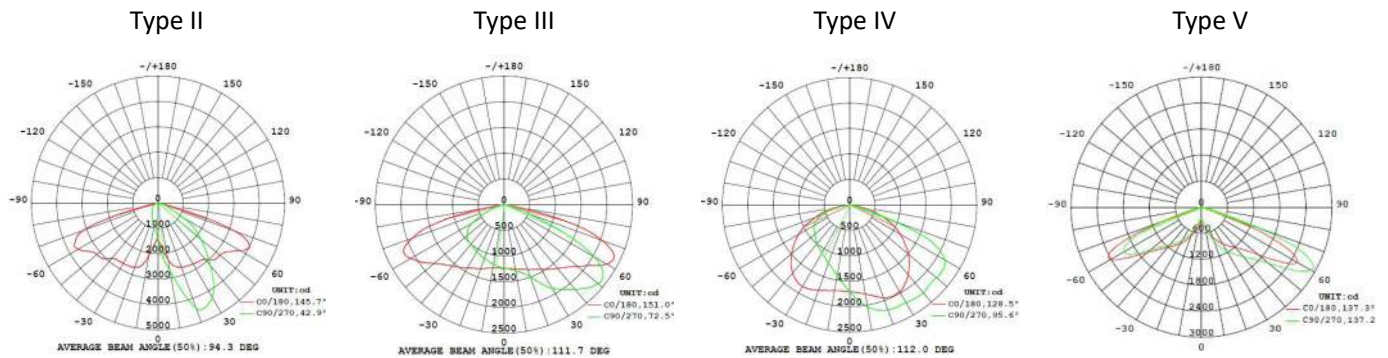
- Multiple options of light distribution to cover all the road lighting application requirements
- Internal hidden rotating axis structure design allows opening the fixture without compromising the exterior design
- Dynamic thermal regulation protects LEDs and electronics under extreme temperatures
- Body designed to prevent fitting from water、dust、and bird droppings etc.,
- Self-cleaning and Tool free entry
- Replaceable driver unit and control gear
- 0-10V & 1-10V dimmable、DALI Control gear、Timer control、Zigbee control for Smart City management
- Photo sensor control 3P 5P 7P NEMA Socket & Twist-lock Receptacle
- Attached Microwave Motion Sensor available
- Common mode surge protection 6KV and Customized achievable up to 10KA and 20KA for option
- Die-cast aluminum optical assembly, lid, body and arms, thickness 3.0~3.5mm
- An integrated Urban Styling lighting toolbox designed for many different urban applications
- Future-proof
- City-attractive, welcoming, convenient and safe

Specifications

Nominal Wattage	Distribution	2700K CRI>80				4000K CRI>70				5000K CRI>70						
		Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w
			B	U	G			B	U	G			B	U	G	
25.0W	Type II					3370	1	2	1	135						
	Type III					2899	1	2	1	116						
	Type IV					2843	1	2	1	114						
	Type V					3303	2	2	2	132						
36.0W	Type II					4500	1	2	1	125						
	Type III					4026	1	2	1	112						
	Type IV					3946	1	2	1	110						
	Type V					4490	2	2	2	125						
60.0W	Type II					7939	1	2	1	132						
	Type III					7206	1	2	1	120						
	Type IV					7063	1	2	1	118						
	Type V					7539	2	2	2	126						
79.0W	Type II					9838	1	2	1	125						
	Type III					9128	1	2	1	117						
	Type IV					8946	1	2	1	113						
	Type V					9715	2	2	2	125						
	Type II					11513	1	2	1	117						

98.0W	Type III						10653	1	2	1	109	
	Type IV						10439	1	2	1	106	
	Type V						11581	2	2	2	118	

Light distribution curve



Construction & Housing

- IP66 Rated housing is cast from corrosion resistant aluminum, maintaining strength and precision to sustain long term dayform appearance and service life
- IK09 rated enclosure protects electrical equipment against external mechanical impacts
- Build-in Aluminum profile heat sink directly connected with external housing for better heat transfer
- Aluminum die-casting is designed as one-piece with internal cooling fins
- Stable mechanical system prevents damage from installation generated vibration
- Molded silicone gasket throughout ensures the sealing and provides ingress protection
- Body designed to prevent fitting from water、dust、bird droppings etc., and reachable with Self-cleaning
- Tool-less opening

Finish

- Utilizes premium ultra-weatherable **AKZO** polyester powder coatings to withstand extended outdoor exposure, providing excellent resistance to corrosion, ultraviolet degradation and abrasion under **10 years lifetime**
- Good film appearance combined with excellent mechanical and exterior exposure qualities display greater than twice as much gloss retention
- **Special Seaside application finishing with 10 years guarantee** is provided at MOQ 200pcs
- Finish is compliant with 1500hrs salt spray. **3000hrs salt spray is provided** at MOQ 500pcs
- Standard color includes Dark Bronze (RAL8019), Anthracite Grey (RAL7016) and Black (RAL9005)
- RAL & Customized color available with MOQ 200pcs

Optic

- Built-in PC optical lens with exterior tempered glass
- Type II、 Type III、 Type IV and Type V offered as standard
- A variety of optics to meet full of different roads and strict street lighting requirements except for above standards

Light Performance

- SDCM≤3
- Luminaire output efficacy up to 135 LPW
- CCT 2200K, 2700K, 4000K, 5000K and 6000K offered as standard. **Amber color offered as customized**
- 2200K and 2700K at Minimum CRI 80; 4000K, 5000K and 6000K at Minimum CRI 70. **Customized CRI is Provided**

Electrical

- LED modular and heat sink are directly mounted to upper housing thermal pad for optimal thermal performance
- Protection Class I offered as standard. **Class II offered as customized**
- Input voltage 100-277Vac 50/60Hz. 347V-480Vac 60Hz contact manufacturer for availability
- PF>0.92 at full load. THD<10% at full load.
- Integral 6KV surge protection offered as standard (80W&90W are 10KV). **10KA 20KA SPD offered as customized**
- Replaceable driver unit and control gear
- Powered off automatically when opening the fixture

Dimming and Controls

- 0-10V & 1-10V dimmable, dimming range from 10% to 100%
- DALI Control gear dim-to-off
- Timer dimmable with 3 timer modes: Self Adapting-Midnight; Self Adapting-Percentage and Traditional timer
- 3P NEMA Socket, traditional on/off photoelectric control
- 5P NEMA Socket, wireless photoelectric control for added dimming feature
- 7P NEMA Socket, wireless photoelectric control for dimming and additional I/O connections for customer use
- Wireless Controls: On-Fixture Module with 7P NEMA Socket as Zigbee communication
- Detached dimming and occupancy Microwave Motion sensor for added dimming feature
- **Osram OPTOTRONIC driver offered as customized 4DIM in one device (StepDIM, AstroDIM, MainsDIM, DALI)**

Mountings

- 76mm (3.0") Post-top mount for 60mm (2-3/8") OD Tenon
- 89mm (3.5") Post-top mount for 76mm (3") OD Tenon
- Flush mount 60mm (2-3/8") O.D. Pole
- Flush mount 76mm (3.0") O.D. Pole

Installations and Maintenance

- Operating temperature Suggested at -30°C to 35°C (Extreme operating temperature at 45°C)
- Suggested installation height 2.5m(8ft) to 6.0m(20ft)
- Pole-top installation on poles with ending part Ø60mm and Ø76mm
- Tool-less opening and Easy maintenance on-site
- All external screws are in AISI 304 stainless steel. Screw connection block or as option an external IP connector
- 0.5m outlet Input cable offered as standard and customized cable length is acceptable
- Body designed to prevent fitting from water、dust、and bird droppings etc.,
- Self-cleaning

Lumens maintenance and Warranty

Ambient temperature	TM-21 Lumen Maintenance (60,000 Hours)	Calculated L80 (Hours)	Warranty time
25°C	>93%	>60,000	7 Years
30°C	>88%	>60,000	7 Years
35°C	>81%	>50,000	5 Years

CAUTION

Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury