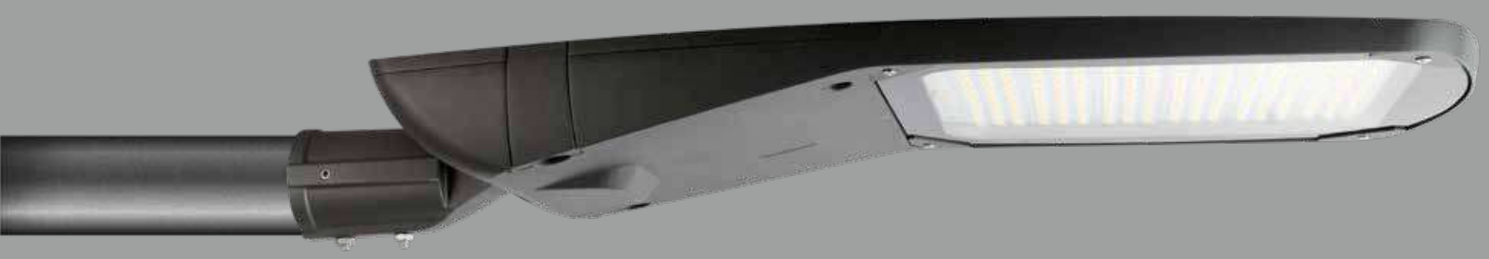
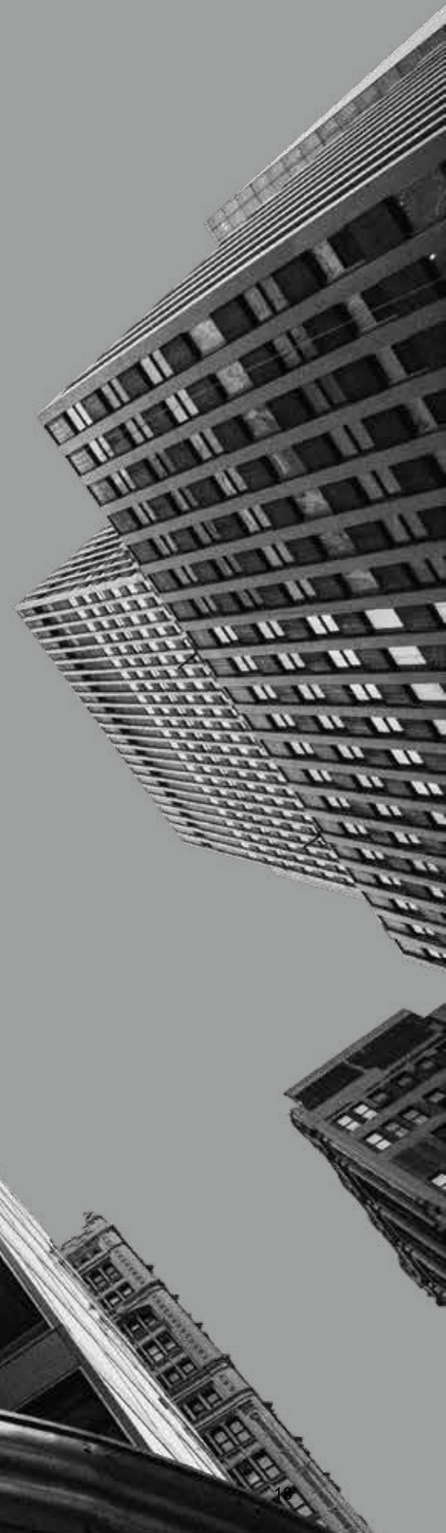
Pop



Pop is a modern and economical model.

- Modern design & Reliable Quality
- Ready for smart control and D4I
- Good Thermal control system to ensure long lifetime
- Tool-free design for easy installation and maintenance
- Low wind area and drop protector
- Best optic deisgn ensure good uniformity



Pop

V120 Series

Patented design

Urban High Way Airport

FIVE SIZE

20W~80W	80W~120W	90W~180W	150W~200W	180W~250w
CxS:0.030㎡	CxS:0.030㎡	CxS:0.030㎡	CxS:0.042㎡	CxS:0.062㎡
ø60mm	ø60mm	ø60mm	ø60mm	ø60mm
S	SP	M	MP	L

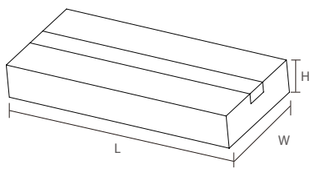
IP66 IK09 LM79 TM21

Technical information

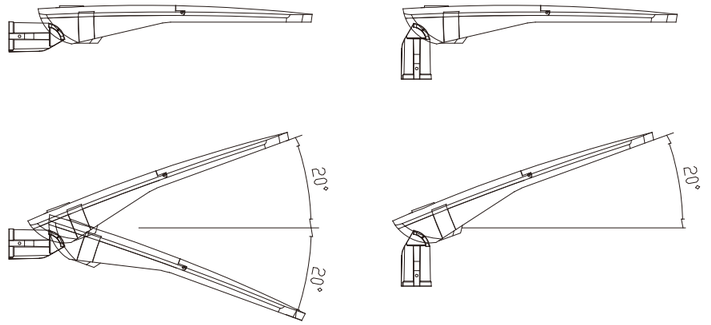
Parameter	Technical data	Parameter	Technical data
Lifetime	Up to 100,000hrs LM70,Ta 25℃	Driver isolation	Class I or Class II
Wattags	20~250W	Control dimming	DALI / 1-10V / Timing / PWM / ON/OFF
Light efficacy	Up to 160lm/W	Operating temperature	-35℃~50℃ / 10% ~ 95% (humidity)
CRI	≥ 70	Body parts material	ADC12 (standard) / LM6 (option)
Color temperature	3000K, 4000K, Amber color	Optic	PC (standard) / PMMA (option)
Operation voltage	AC 220-240V	Screen	Flat tempered glass 5mm thickness
Frequency	50 / 60Hz	Gasket	Silicone
Power factor	≥0.95 cos	Color stability	5 MacAdam steps

Packing Information

Model	Carton Size(L*W*H)	QTY/Carton	N.W.(kg)	G.W.(kg)
XS V120S	610*270*150mm	1	4.8	5.3
S V120SP	660*270*150mm	1	5.2	5.9
M V120M	710*320*165mm	1	6.4	7.2
L V120MP	750*320*150mm	1	7.2	8.1
XL V120L	830*370*175mm	1	9.0	10.1



Adjustable Angle



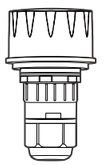
Details

Motion sensor as option

Zhaga base Motion Sensor

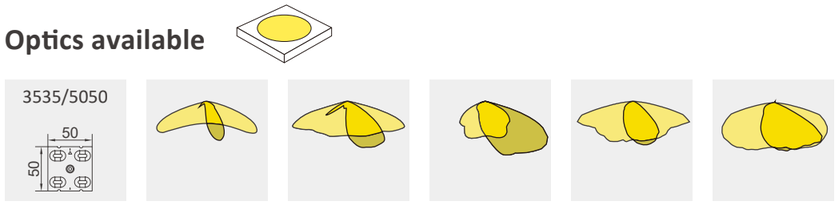
Motion sensor / Daylight Sensor

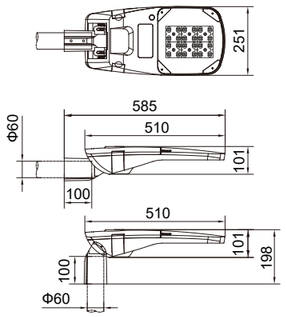
Code.SC807



Pop

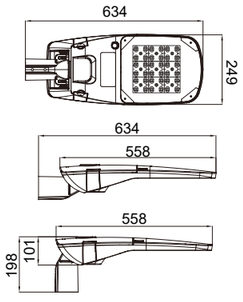
Optics available





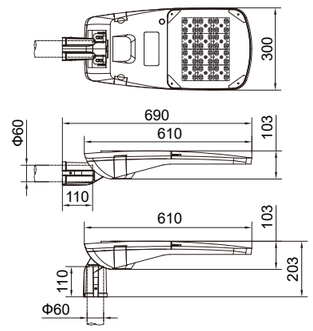
V120S

Chip	LED QTY	Lens QTY	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
5050	16	4	20	3000	150
5050	16	4	30	4500	150
5050	16	4	40	6000	150
5050	16	4	50	7500	150
5050	24	6	60	9000	150
5050	24	6	70	10500	150
5050	24	6	80	12000	150



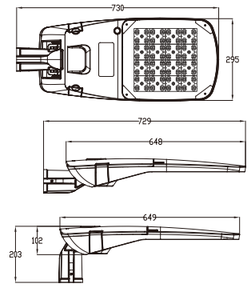
V120SP

Chip	LED QTY	Lens QTY	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
5050	32	8	80	12000	150
5050	32	8	90	13500	150
5050	36	9	100	15000	150
5050	36	9	110	16500	150
5050	36	9	120	18000	150



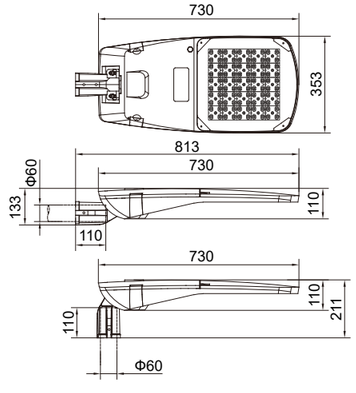
V120M

Chip	LED QTY	Lens QTY	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
5050	32	8	90	13500	150
5050	32	8	100	15000	150
5050	36	9	110	16500	150
5050	36	9	120	18000	150
5050	36	9	130	19500	150
5050	48	12	140	21000	150
5050	48	12	150	22500	150
5050	48	12	160	24000	150
5050	48	12	170	25500	150
5050	48	12	180	27000	150



V120MP

Chip	LED QTY	Lens QTY	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
5050	48	12	150	22500	150
5050	48	12	160	24000	150
5050	64	16	170	25500	150
5050	64	16	180	27000	150
5050	64	16	190	28500	150
5050	64	16	200	30000	150



V120L

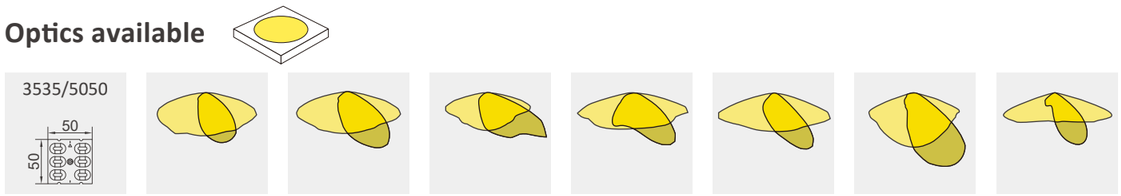
Chip	LED QTY	Lens QTY	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
5050	80	20	180	27000	150
5050	80	20	190	28500	150
5050	80	20	200	30000	150
5050	100	25	210	31500	150
5050	100	25	220	33000	150
5050	100	25	230	34500	150
5050	100	25	240	36000	150
5050	100	25	250	37500	150

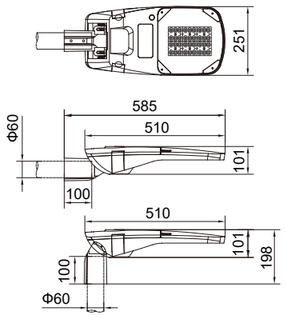
** 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030*

Lm: This data is tested under normal working condition, the actual data will depends on environment condition, optics/diffuser and CCT.

Pop

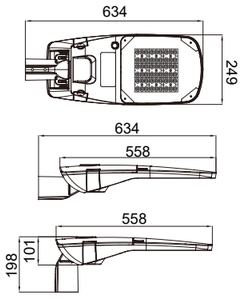
Optics available





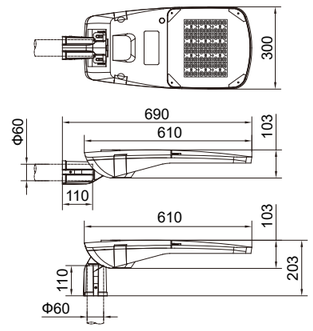
V120S

Chip	LED QTY	Lens QTY	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
5050	24	4	20	2800	140
5050	24	4	30	4200	140
5050	24	4	40	5600	140
5050	24	4	50	7000	140
5050	36	6	60	8400	150
5050	36	6	70	9800	150
5050	36	6	80	11200	150



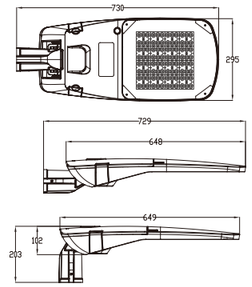
V120SP

Chip	LED QTY	Lens QTY	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
5050	48	8	80	11200	140
5050	48	8	90	12600	140
5050	54	9	100	14000	140
5050	54	9	110	15400	140
5050	54	9	120	16800	140



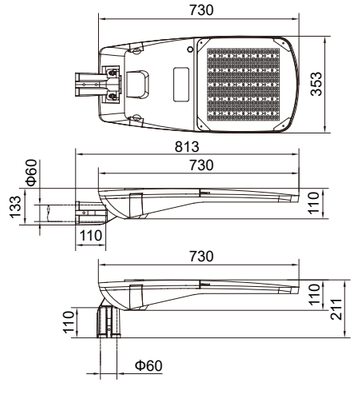
V120M

Chip	LED QTY	Lens QTY	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
5050	48	8	90	12600	140
5050	48	8	100	14000	140
5050	54	9	110	15400	140
5050	54	9	120	16800	140
5050	54	9	130	18200	140
5050	72	12	140	19600	140
5050	72	12	150	21000	140
5050	72	12	160	22400	140
5050	72	12	170	23800	140
5050	72	12	180	25200	140



V120MP

Chip	LED QTY	Lens QTY	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
5050	72	12	150	21000	140
5050	72	12	160	22400	140
5050	96	16	170	23800	140
5050	96	16	180	25200	140
5050	96	16	190	26600	140
5050	96	16	200	28000	140



V120L

Chip	LED QTY	Lens QTY	Power (W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
5050	120	20	180	25200	140
5050	120	20	190	26600	140
5050	120	20	200	28000	140
5050	150	25	210	29400	140
5050	150	25	220	30800	140
5050	150	25	230	32200	140
5050	150	25	240	33600	140
5050	150	25	250	35000	140

** 5050: LUMILEDS 5050; 3535: CREE XPG3; 3030: LUMILEDS 3030*

Lm: This data is tested under normal working condition, the actual data will depends on environment condition, optics/diffuser and CCT.

Pop

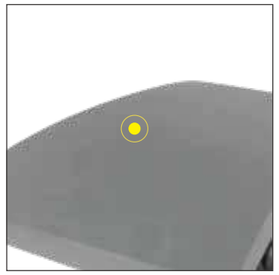
Urban High Way Airport

Installation mode

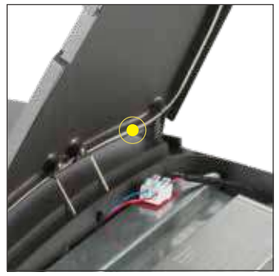
Cross mounting

Column mounting

Product Features



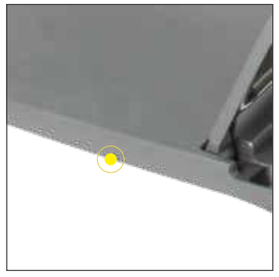
The lamp body adopts high-strength aluminum die-casting integrated molding



High temperature resistance and long service life

high reliability, with 1-10V and time control function

Convenient for construction personnel with accurate level



High transparency tempered glass, high protection, easy to clean

Positive and negative 20 ° installation adjustment,Better control of light

Suitable for various lamp pole diametersϕ60mm/76mm/48mm

Motion sensor

Sensing devices

Various Sensor devices can define different luminous flux according to traffic conditions, weather, city safety requirement to reach the best performance for energy saving and make the citizen more comfortable.

MOVEMENT AND DETECTION

luminaires activated by-unite or by group when detected the movement including vehicle traffic and human transit and dimming criteria Time for each action.

PHOTOCELL AND NEMA SHOCKET

The fittings are turn down when the surrounding environment is dark and turned off when it becomes bright again.

OTHER SENSORS

Air Pollution, Temperature, wind, humidity, Camera,