STREET LIGHT

STREET LIGHT

ISY SERIES

Made in Thailand
MiT6405001299

มอก.902 เล่ม 2(3)-2557

TIS 1955 2551

SOFT START

WIP®

3 YEARS Warranty

Signature Designed by WIP

Specification

The light shell is die-casted using high-quality aluminium. With the latest LEDIL's Strada 2x2 T2 street lighting optic series specially designed for street lighting, they provide high efficiency and uniform lighting which saves up to 85% energy. The integrated molding of the lamps and electric appliances gives the product its compactable size and trendy appearance. The protection of the product is IP66 rated for its resistance to moisture and dust. This design is suitable for streets, parking spaces, highways and parks in villages.

Input Voltage	100-240Vac50/60Hz.	Lens Material	PC+Glass	Housing	Aluminium Die Casting
Input Voltage Range	100-305Vac50/60Hz.	LED Light Source	Everlight	Finishing	Powder Coated in gray
Power Factor	>0.95	CRI	>70	Gasket	Rubber
Beam Angle	70°/150°	CCT	2700K, 3000K, 4000K,	Surge Protection	10kV
Work Temperature	-10°C to + 65°C		5000K, 6500K	Soft Start	10% to 100% in 1 min.
LED Life Time	50,000 hrs.	Driver	Moso, Sosen	IP Rating	IP66
			Meanwell, Inventronics	Warranty	3 Years

Model	Power (W)	Luminous Flux (lm)	Efficiency (lm/W)	Weight (Kg.)	Dimension (mm.)	standard
ISY-80	80	12,000	150	4.00	519x297x111	
ISY-100	100	15,000	150	4.00	519x297x111	
ISY-120	120	18,000	150	4.00	519x297x111	
ISY-150	150	22,500	150	5.50	610x297x111	
ISY-180	180	27,000	150	5.50	610x297x111	
ISY-200	200	30,000	150	6.50	700x297x111	
ISY-240	240	36,000	150	6.50	700x297x111	

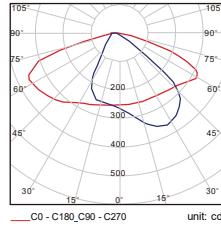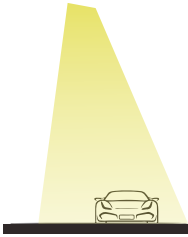| |
|---|
| IEC : 61000-4-5 The International Electrotechnical Commission's international standard on surge immunity. |
| IEC : 60529 Ingress Protection Rating |
| IEC : 60598-2-3 Particular requirements - Luminaires for road and street lighting |
| IEC : 62262 Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts |

MW meanwell MOSO® INVENTRONICS SOSEN EVERLIGHT® IP66 10KV SURGE PROTECTION 150 Lm/W TIS 1955 2551 มอก.902 เล่ม 2(3)-2557 RoHS Green Industry **Products of Thailand**
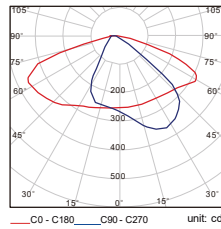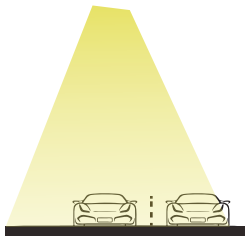
STREET LIGHT

LENS

These parameters [Lav, U0, UI, TI, SR] can meet the requirements. In accordance with CIE140 / EN13201 (ME3 ~ ME5) requirements, through simulation, this narrow light distribution is ideal for illuminating sidewalks, trails and sidewalks.
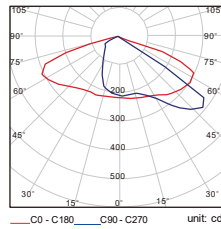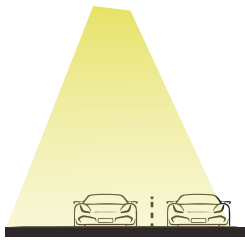
Narrow light distribution can also be used for dual lanes. You can use this type of light distribution on wide sidewalks, side roads and auxiliary roads. According to the requirements of CIE140 / EN13201 (ME3 ~ ME5), by simulation, these parameters [Lav, U0, UI, TI, SR] can meet the requirements.
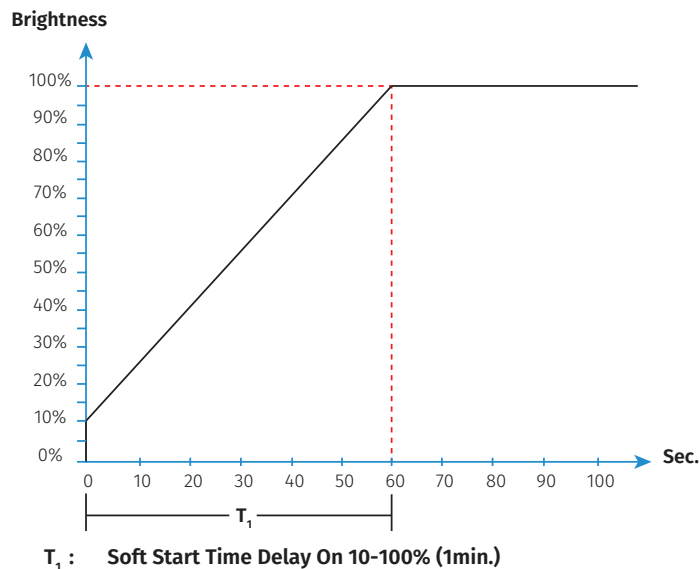

The wide light distribution is ideal for freeways, expressways and urban arteries. The step height ratio of the point can reach 3.5. According to the requirements of CIE140 / EN13201 (ME1 ~ ME2), through simulation, these parameters [Lav, U0, UI, TI, SR] can meet the requirements.
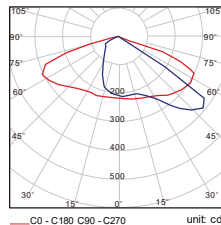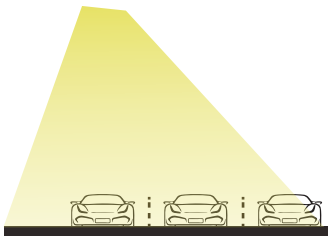
The wide light distribution is also ideal for multi-lane roads. You can use wide light distribution for multi-lane arteries, downtown roads, etc. The pitch height ratio of the point can reach 3.5. (ME1 ~ ME2), through simulation, these parameters [Lav, U0, UI, TI, SR] can meet the requirements.
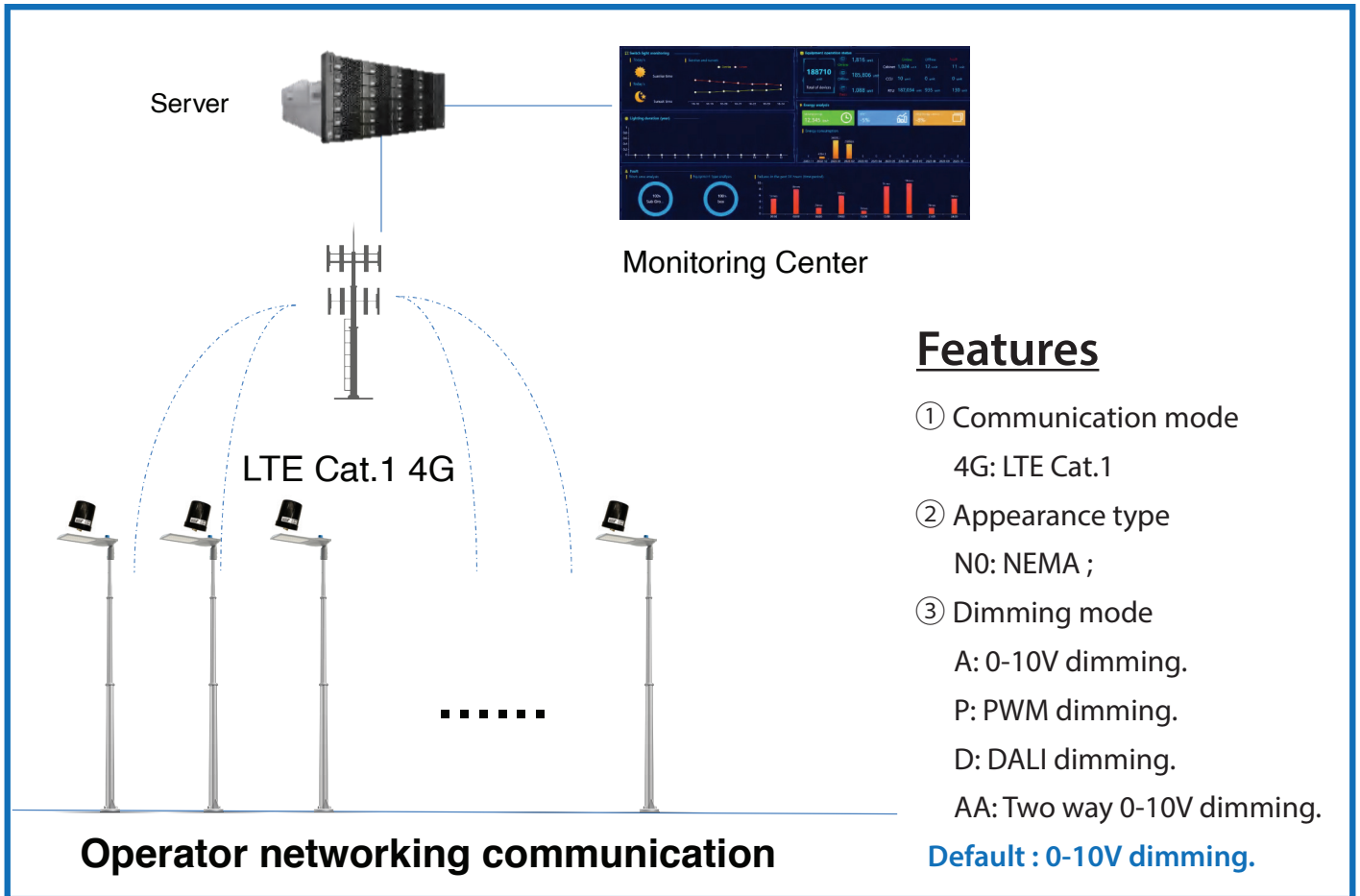
Soft Start

T$_1$:   Soft Start Time Delay On 10-100% (1min.)

Smart Lighting Solution

WIP®

Option 4G : LTE Cat.1 Lighting Controller

Server

Monitoring Center

LTE Cat.1 4G

Operator networking communication

Features

① Communication mode

  4G: LTE Cat.1

② Appearance type

  N0: NEMA ;

③ Dimming mode

  A: 0-10V dimming.

  P: PWM dimming.

  D: DALI dimming.

  AA: Two way 0-10V dimming.

Default : 0-10V dimming.

Terminal Controller Advantage

1

Multiple Networking Modes

The single-light controller can be networked using a variety of communication methods. For example, PLC (Power Carrier), PLC and RF433 Dual Mode, zigbee, LoRaWAN, 4G CAT.1 and other methods.

2

Flexible light control mode

Remote lights on, off, dimming. Support single, partial, full loop and other control light mode, to meet the grouping, midnight light applications

3

Luminaire real time data

Current, voltage, power, light duration and other data are fully collected..

4

Real-time fault alarm notification

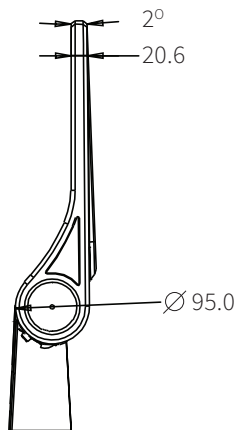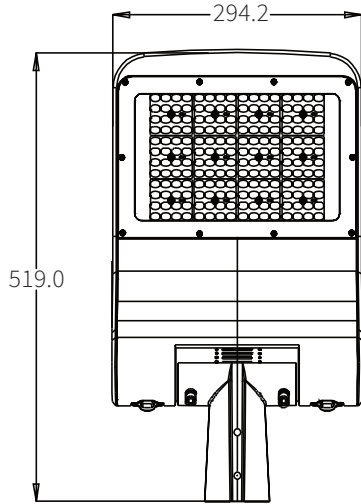Support real-time autonomous alarm feedback push, including lamp open circuit, lamp overcurrent, lamp short circuit and other fault alarm

STREET LIGHT

Dimension (in mm.)

A 80W-120W

294.2
519.0
2°
20.6
∅ 95.0

B 150W-180W

294.05
610.51
105.52
20.60
∅95.00

C 200W-240W

294.3
699.7
105.5
20.4
∅95.00
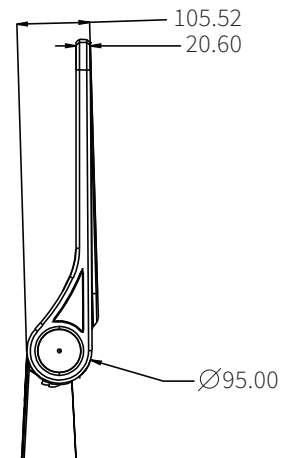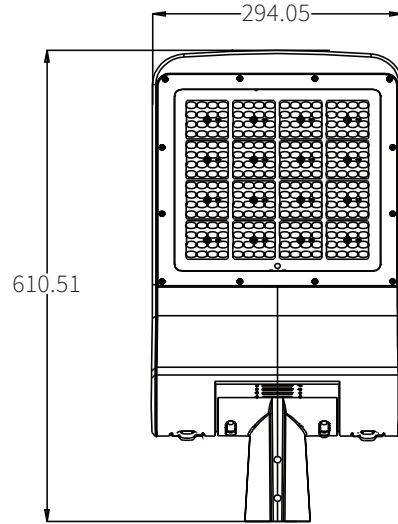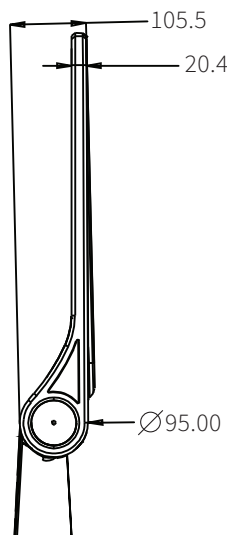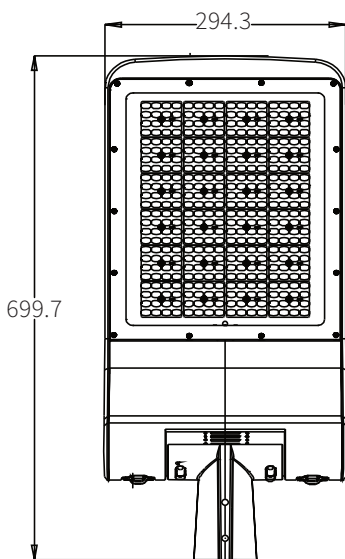
Model	Type	Dimension (mm.)		
		(W)	(L)	(H)
WJD-80	A	145	261	667
WJD-100	A	145	261	667
WJD-120	A	145	261	667
WJD-150	B	145	261	742
WJD-180	B	145	261	742
WJD-200	C	145	261	805
WJD-240	C	145	261	805