



# Cloverfour Renewable Energy Solutions

## Streetlights all in one Series L



PT Vistana Insinyur Servis Co. reg. no (NPWP): 03.297.743.1-215.000

Sakura Garden Block AA no 7 Kampung Seraya Batu Ampar

Batam Kepri Indonesia 29454 [vistanainsinyurservis@gmail.com](mailto:vistanainsinyurservis@gmail.com)



**LED power supply**



**+ NON-DIMMABLE**  
High-end MeanWell HLG Series LED driver, optimal stability, performance and lifespan.

ADVANCED BY  
**INVENTRONICS**

**+ DIMMABLE**  
High-end programmable Inventronics LED driver, integrate dimming function and 6KV /10KV surge protection. Provide excellent performance and lifespan.

**High-efficiency LED light source**



Philips Lumileds 3030 2D  
Greater than 165lm/W high efficacy, illumination grade LED light source.



Philips Lumileds 5050  
Greater than 155lm/W high efficacy, illumination grade LED light source.



**Imported breather**  
Lamp breather ensures air balance inside and outside of the lamp, which improves lamp's service life.



**Easy Maintenance**  
Tool-less quick-release latches for speedy access.



**Photocell available**  
Lamp will Auto turn on and off according to lux difference.

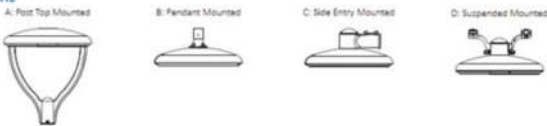


**Surge protection device(10KV)**  
To provide more reliable guarantee for LED driver, extend the life of the product.



**Power turn off protector ( Only Post Top Mounted available )**  
Under maintenance, when the fixture is opened, the power will be cut off to protect personal safety.

**Electrical & Photometric**



Order Reference  
2030M-LD120LM (L)

**\* 3030 Version**

Series	Model	LED Qty/Current	Power	Luminous efficacy (lm/W)	Light Output (lm)	Input voltage	LED Brand	Driver Brand	Light Distributions	CCT (K)	Surge Protection Device	LifeSpan (h)
S	2030M-L275LMC	15x30W/20mA	27W	130 lm/W**	3510 lm	100-240V (2/1W) 4C 50/60Hz	Philips Lumileds 8030 2D	Meanwell Inventronics	SH, SHL, SH RLL, 90L, 90**	3000** 4000 5000 5700	10KV	100,000 5-7%
	2030M-L281LMC	16x30W/20mA	27W	130 lm/W**	4010 lm							
	2030M-L286LMC	13x30W/20mA	26W	130 lm/W**	3280 lm							
	2030M-L276LMC	14x30W/20mA	26W	130 lm/W**	3650 lm							
	2030M-L285LMC	15x30W/20mA	26W	130 lm/W**	3700 lm							
	2030M-L230LMC	14x30W/20mA	23W	120 lm/W**	2700 lm							

\*\* Luminous Efficacy of post top mounted is 30% lower than other installation methods.  
\*\* Luminous Efficacy of 55 is 15% higher than other Light Distributions.  
\*\* Luminous Efficacy of 3000K is 5% lower than other CCTs.

**\* 5050 Version**

Series	Model	LED Qty/Current	Power	Luminous efficacy (lm/W)	Light Output (lm)	Input voltage	LED Brand	Driver Brand	Light Distributions	CCT (K)	Surge Protection Device	LifeSpan (h)
L	2030M-L275LMC	16x30W/20mA	27W	130 lm/W**	4010 lm	100-240V (2/1W) 4C 50/60Hz	Philips Lumileds 5050	Meanwell Inventronics	SH, SHL, 90**	3000** 4000 5000 5700	10KV	100,000 5-7%
	2030M-L281LMC	16x30W/20mA	27W	130 lm/W**	3910 lm							
	2030M-L276LMC	15x30W/20mA	26W	130 lm/W**	3400 lm							
	2030M-L275LMC	15x30W/20mA	26W	130 lm/W**	3200 lm							
	2030M-L286LMC	14x30W/20mA	26W	130 lm/W**	3300 lm							
	2030M-L230LMC	14x30W/20mA	23W	140 lm/W**	2700 lm							

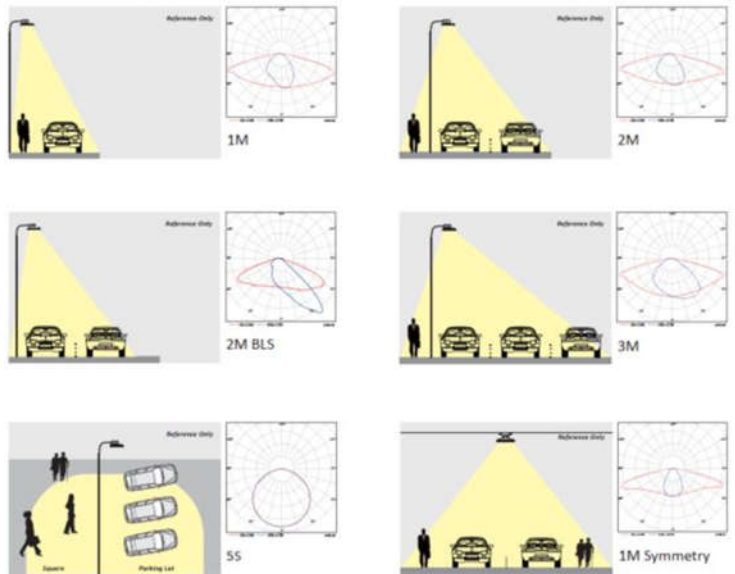
\*\* Luminous Efficacy of post top mounted is 30% lower than other installation methods.  
\*\* Luminous Efficacy of 55 is 15% higher than other Light Distributions.  
\*\* Luminous Efficacy of 3000K is 5% lower than other CCTs.

**Mechanical**

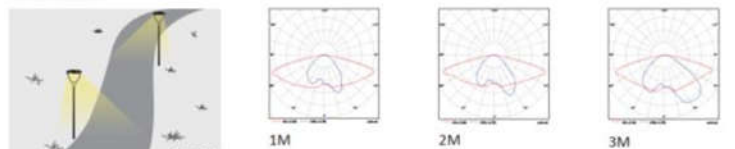
Model	Mounting Attachment	Storage Temperature	Rating	IP	Power Factor	Power efficiency	Material	Post Top Diameter (mm)
2030M-L275LM								
2030M-L281LM								
2030M-L286LM								
2030M-L276LM	40°C ~ +90°C 10% ~ 90%RH	40°C ~ +90°C	Class II IP68 IK08	>70	>0.95	>90%	Housing: Die-cast aluminum; Lens: Tempered glass and PC	Side Entry Mounted: Ø 40mm (external diameter of the post) Suspended Mounted: Ø 36 (external diameter of the rope) Post Top Mounted: Ø 40mm (external diameter of the post) Pendant Mounted: Ø 40mm (external diameter of the post)
2030M-L285LM								
2030M-L230LM								

**Light Distributions**

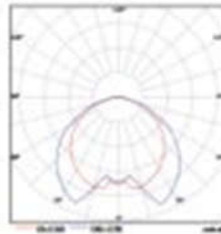
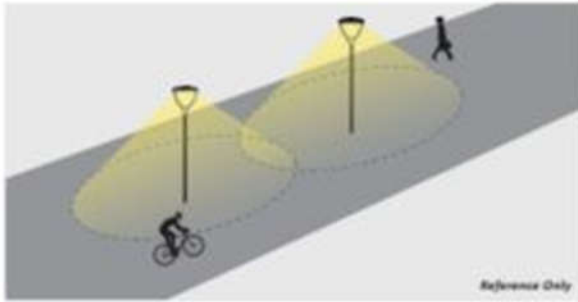
★ Pendant Mounted | Side Entry Mounted | Suspended Mounted



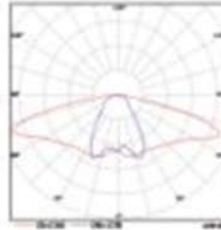
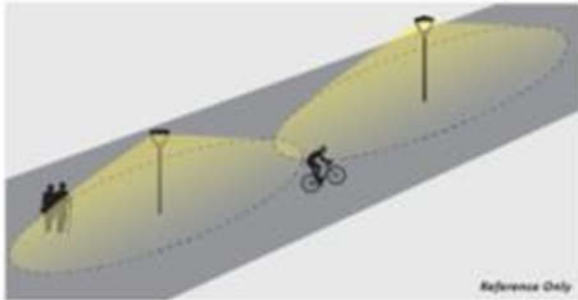
★ Post Top Mounted



Based on same mounting height, the lengthwise illumination area: 3M > 2M > 1M.



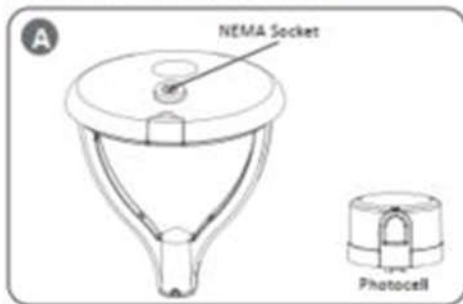
5S



1M Symmetry

### Optical Control

Optical control function is supported by optional



If the fixture with PHOTOCELL function, the NEMA Socket will be installed on the cover of fixture. See **A**. Fit the pins of Photocell to NEMA Socket, firmly insert and rotate Photocell to proper position.

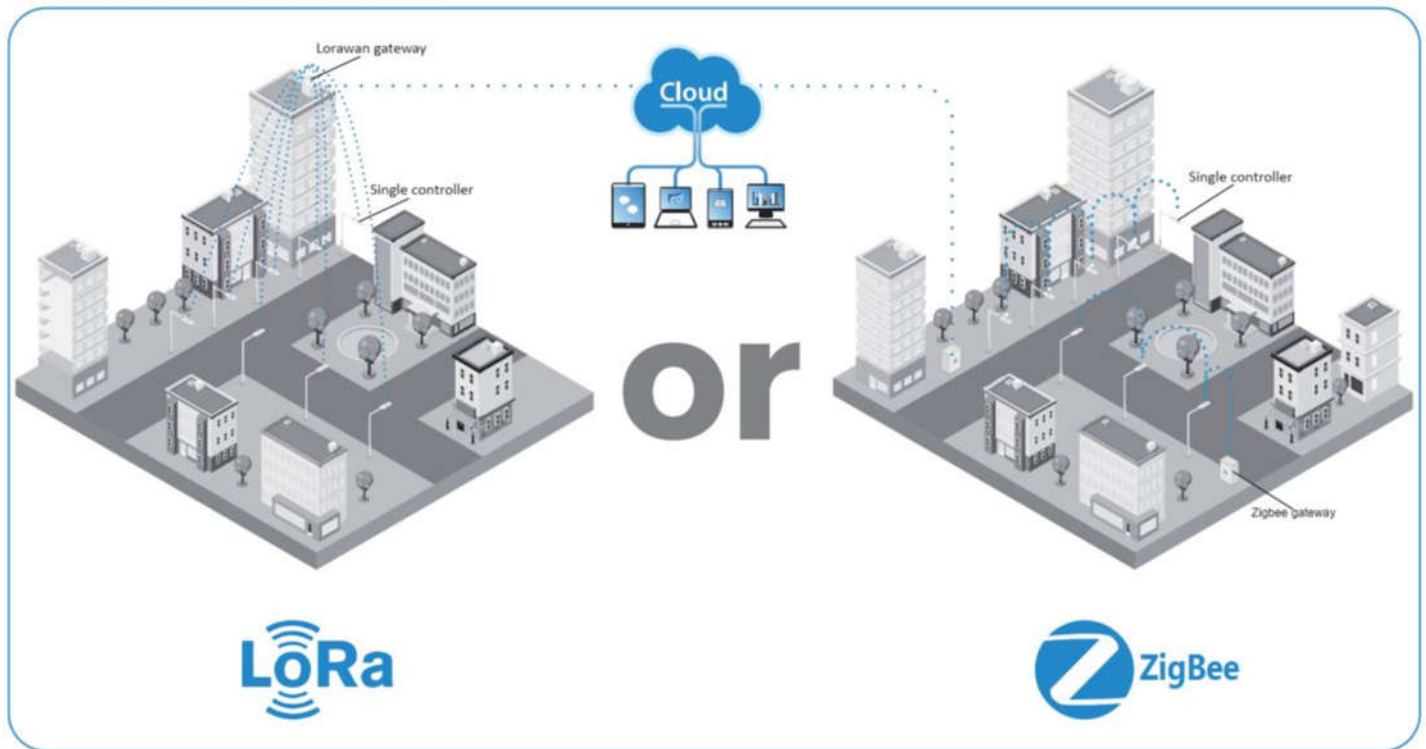
<Verifying>

Make sure all the connections done and photocell is well installed on the fixture, switch on the power supply and cover the window of NEMA Socket, wait 5 seconds, the fixture will be turned on.

### Certification

Manufacturer
ISO9001, ISO14001
L Series [ 205M-LD27LM, 205M-LD37LM, 205M-LD56LM, 205M-LD70LM, 205M-LD80LM, 205M-LD130LM ]
CE, CB, ROHS, ENEC, LM80

## Intelligence Street Lighting System



Cloverfour provides a total solution for intelligence street lights.

Street light Intelligence system is made up by Software, Gateway, Single light controller, the gateway is installed in the distribution cabinet. The single light controller is installed in the lighting terminal

It proceeds with communication via GPRS/CDMA/WCDMA wireless network or cable network and monitor center and proceeds with communication via ZIGBEE / LORA

The Gateway can control each single light controller via receiving, executing, forwarding PC Management software, which is able to control each lamp on/Off/ dimming, It can also monitor the lamps battery status and etc.

All our LED series street lights can be combined with the intelligence street light system

If you want to know more, Please contact Us.