L-SERIES

UKAS
QUALITY
MANAGEMENT

ISO9001
ISO14001

INVENTRONICS
LED DRIVER inside

POWERED BY
MW
MEAN WELL

LUMILEDS
The Brighter Choice

CE CB

RoHS
Compliant

IP66
IK08

LM-80

7 YEAR WARRANTY

LED URBAN LIGHT

SensLights
THE COMPLETE ENERGY SAVING SOLUTIONS PROVIDER
WWW.SENSLIGHTS.COM

LED power supply

POWERED BY MEAN WELL

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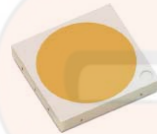
INVENTRONICS
LED DRIVER inside

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

High-efficacy LED light source

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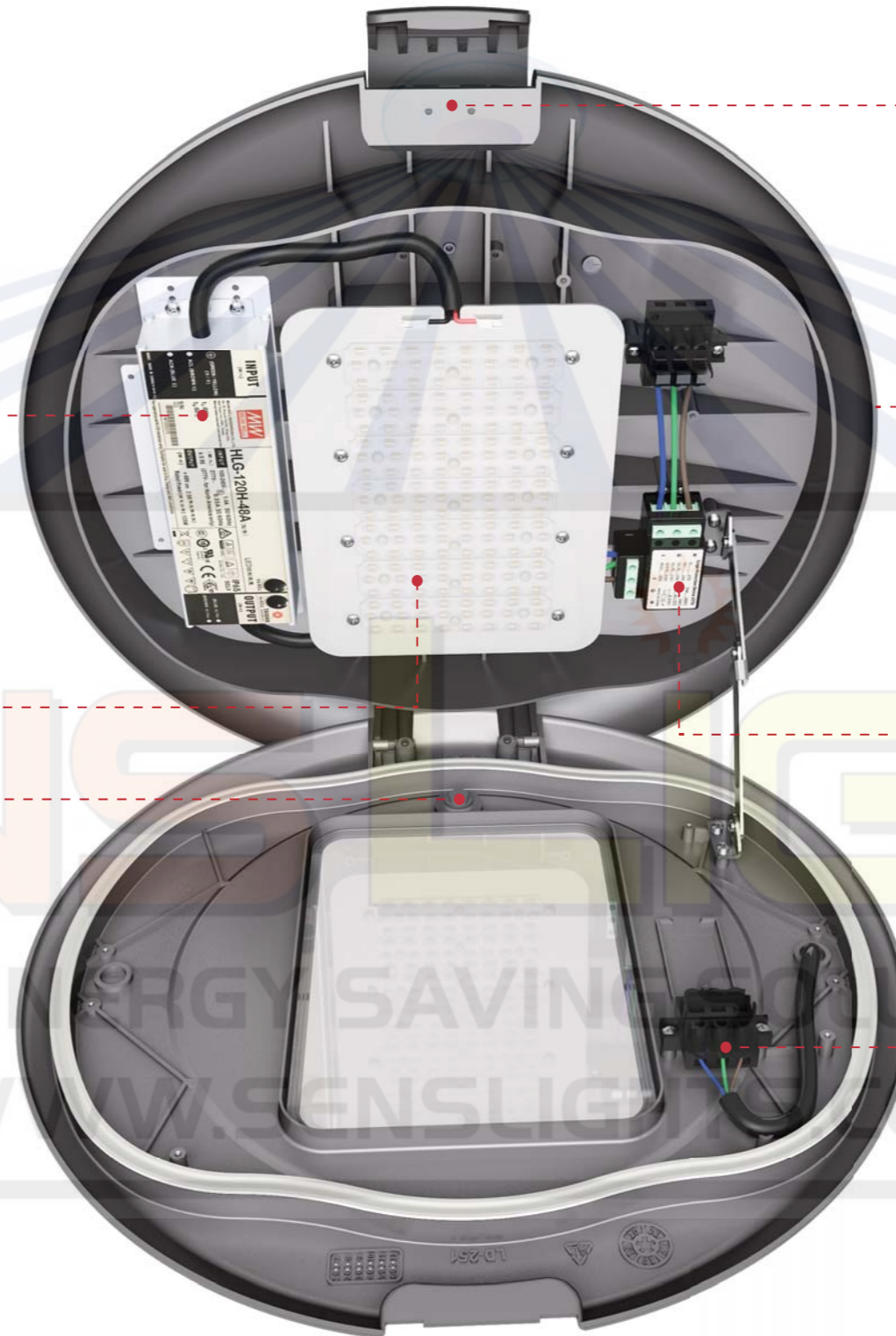Greater than 165lm/W high efficacy, illumination grade LED light source.

Philips Lumileds 5050
Greater than 185lm/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
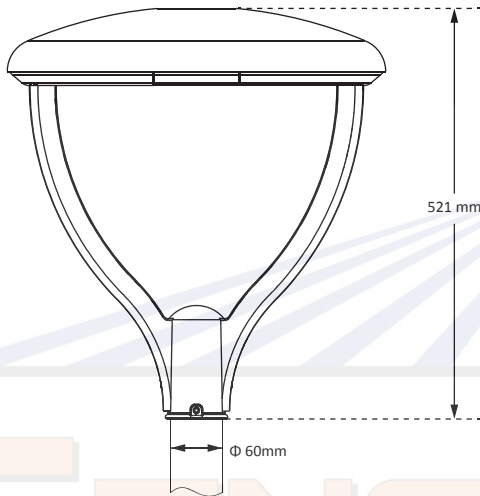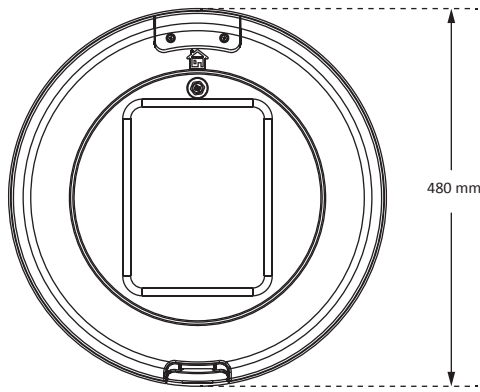Lamp will Auto turn on and off according to lux difference.

Surge protection device(10KV)
To provide more reliable guarantee for LED driver, extend the life of the product.
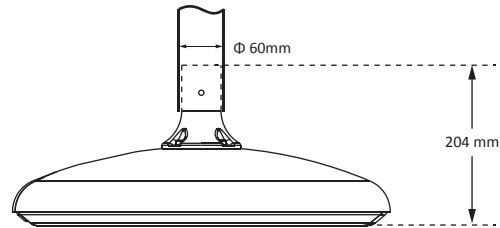
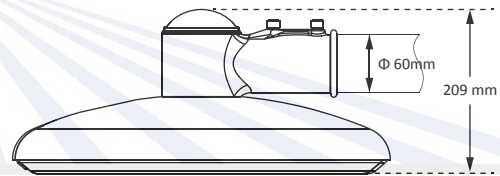### Power turn off protector (Only Post Top Mounted available)
Under maintenance,when the fixtures be opened, the power will be cut off to protect personal safety.
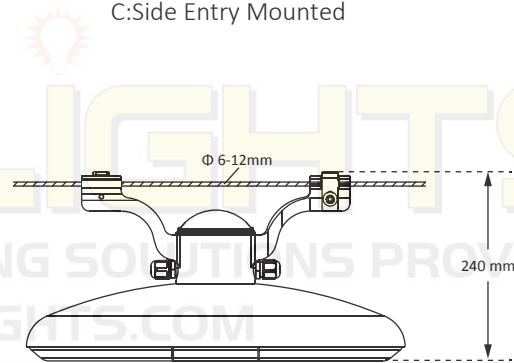
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480 mm

Φ 60mm

204 mm

B:Pendant Mounted

521 mm

Φ 60mm

209 mm

C:Side Entry Mounted

Φ 60mm

A: Post Top Mounted

Φ 6-12mm

240 mm

D:Suspended Mounted

Packing Details

★ Luminaire [Side Entry Mounted and Suspended Mounted]

Model	Carton Size (mm)	N.W (kg)	G.W (kg)
SLEDZ-LD27LM	495*495*170	7.5	8.8
SLEDZ-LD37LM	495*495*170	7.5	8.8
SLEDZ-LD56LM	495*495*170	7.5	8.8
SLEDZ-LD70LM	495*495*170	7.7	9.0
SLEDZ-LD90LM	495*495*170	7.9	9.2
SLEDZ-LD120LM	495*495*170	8.0	9.3

Note: Above data of weight are all typical values.

★ Accessories [Side Entry Mounted and Suspended Mounted]

| Mounted Type	Carton Size (mm)	N.W (kg)	G.W (kg)
Side Entry Mounted	235*125*105	1.1	1.2
Suspended Mounted	355*150*105	0.9	1.0

Note: Above data of weight are all typical values.

★ Luminaire and Accessories [Post Top Mounted and Pendant Mounted]

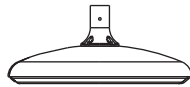| Model	Carton Size (mm)	Post Top Mounted		Pendant Mounted	
		N.W(kg)	G.W(kg)	N.W(kg)	G.W(kg)
SLEDZ-LD27LM	495*495*170	8.8	10.1	7.8	9.1
SLEDZ-LD37LM	495*495*170	8.8	10.1	7.8	9.1
SLEDZ-LD56LM	495*495*170	8.8	10.1	7.8	9.1
SLEDZ-LD70LM	495*495*170	8.9	10.2	8.9	9.2
SLEDZ-LD90LM	495*495*170	9.2	10.5	9.2	10.5
SLEDZ-LD120LM	495*495*170	9.2	10.5	9.2	10.5

Note: Above data of weight are all typical values.
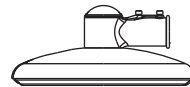
Electrical & Photometric
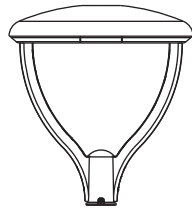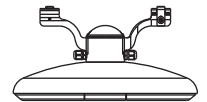
A: Post Top Mounted B: Pendant Mounted C: Side Entry Mounted D: Suspended Mounted

Order Reference
SLEDZ-LD120LM [A]

★ 3030 Version

Series	Model	LED Qty/ Current	Power	Luminaire efficacy (+/- 5%)	Lumen Output (+/- 5%)	Input Voltage	LED Brand	Driver Brand	Light Distributions	CCT (K)	Surge Protection Device	Lifetime (h)
L	SLEDZ-LD27LM☐	72units/ 56mA	27W	130 lm /w*¹	3510 lm	100-240V /277V AC 50 /60Hz	Philips Lumileds 3030 2D	MeanWell Inventronics	1M, 2M, 3M, 5S*² 1M Symmetry	3000*³ 4000 5000 5700	10KV	>100,000 (L70)
	SLEDZ-LD37LM☐	96units/ 59mA	37W	130 lm /w*¹	4810 lm							
	SLEDZ-LD56LM☐	120units/ 70mA	56W	130 lm /w*¹	7280 lm							
	SLEDZ-LD70LM☐	144units/ 78mA	70W	130 lm /w*¹	9100 lm							
	SLEDZ-LD90LM☐	168units/ 86mA	90W	130 lm /w*¹	11700 lm							
	SLEDZ-LD120LM☐	168units/ 110mA	120W	125 lm /w*¹	15000 lm							

*¹ Luminous Efficacy of post top mounted is 10% lower than other installation methods.
*² Luminous Efficacy of 5S is 15% higher than other Light Distributions.
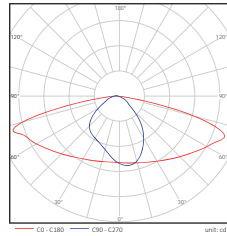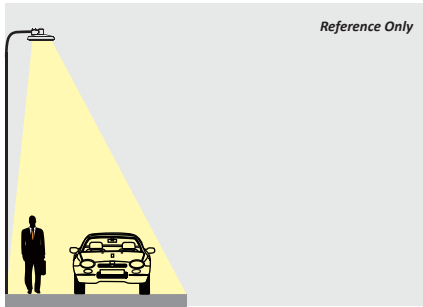*³ Luminous Efficacy of 3000K is 5% lower than other CCTs.

★ 5050 Version

Series	Model	LED Qty/ Current	Power	Luminaire efficacy (+/- 5%)	Lumen Output (+/- 5%)	Input Voltage	LED Brand	Driver Brand	Light Distributions	CCT (K)	Surge Protection Device	Lifetime (h)
L	SLEDZ-LD27LM☐	36units/ 28mA	27W	150 lm /w*¹	4050 lm	100-240V /277V AC 50 /60Hz	Philips Lumileds 5050	MeanWell Inventronics	2M, 3M, 5S*²	3000*³ 4000 5000 5700	10KV	>100,000 (L70)
	SLEDZ-LD37LM☐	48units/ 29mA	37W	150 lm /w*¹	5550 lm							
	SLEDZ-LD56LM☐	60units/ 35mA	56W	150 lm /w*¹	8400 lm							
	SLEDZ-LD70LM☐	72units/ 40mA	70W	150 lm /w*¹	10500 lm							
	SLEDZ-LD90LM☐	84units/ 42mA	90W	150 lm /w*¹	13500 lm							
	SLEDZ-LD120LM☐	84units/ 56mA	120W	145 lm /w*¹	17400 lm							

*¹ Luminous Efficacy of post top mounted is 10% lower than other installation methods.
*² Luminous Efficacy of 5S is 15% higher than other Light Distributions.
*³ Luminous Efficacy of 3000K is 5% lower than other CCTs.

Mechanical

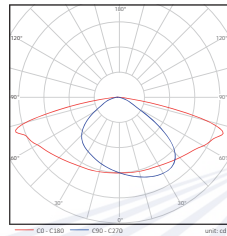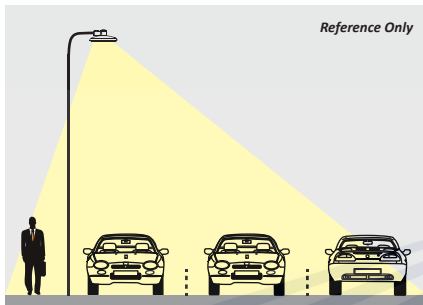| Model	Working Environment	Storage Temperature	Rating	CRI	Power Factor	Power Efficiency	Material	Pole/ Rope Diameter (mm)
SLEDZ-LD27LM	-40 ºC ~ +50 ºC 10% ~ 90%RH	-40 ºC ~ +50 ºC	Class I IP66 IK08	>70	>0.95	>90%	Housing: Die-cast aluminum Lens: Tempered glass and PC	Side Entry Mounted: Φ 60mm(External diameter of the pole) Suspended Mounted: Φ 6-12mm(External diameter of the rope) Post Top Mounted: Φ 60mm(External diameter of the pole) Pendant Mounted: Φ 60mm(Internal diameter of the pole)
SLEDZ-LD37LM								
SLEDZ-LD56LM								
SLEDZ-LD70LM								
SLEDZ-LD90LM								
SLEDZ-LD120LM								

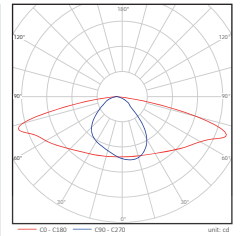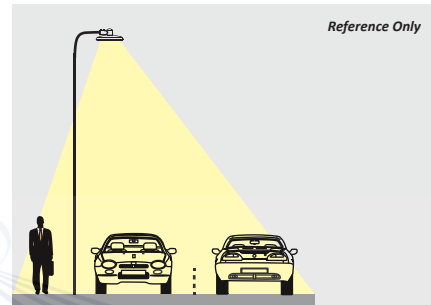Note: Above data of weight are all typical values.

Light Distributions

★ Pendant Mounted | Side Entry Mounted | Suspended Mounted

Reference Only
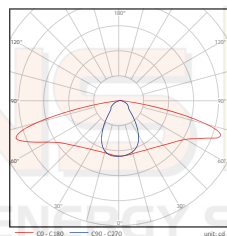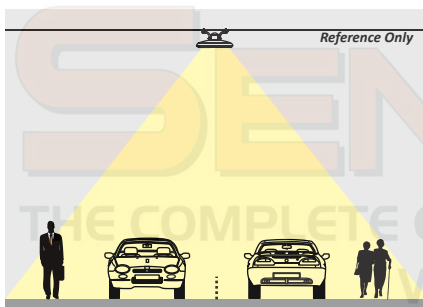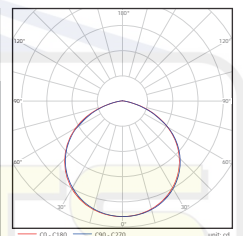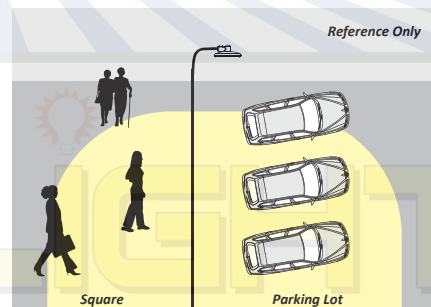
1M

Reference Only

3M

Reference Only

2M

Reference Only

1M Symmetry

Reference Only

Square   Parking Lot
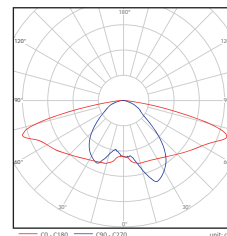
5S
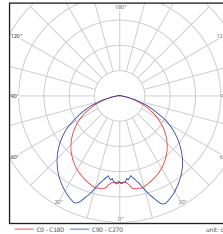
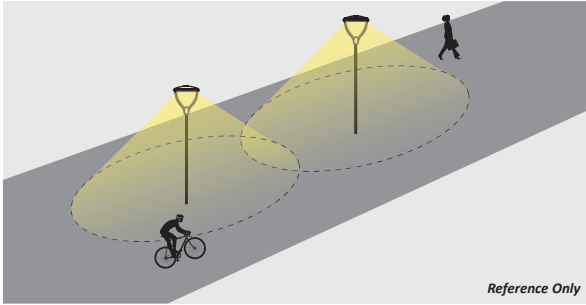★ Post Top Mounted

Reference Only
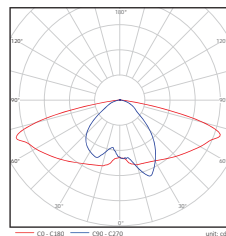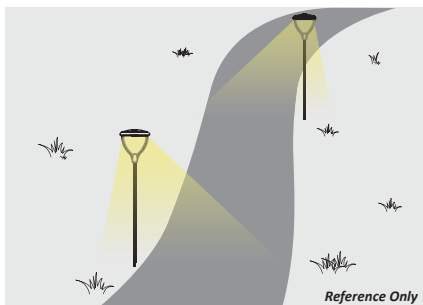
1M

2M
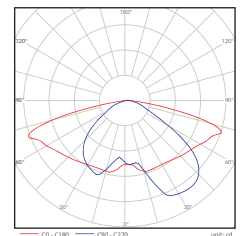
3M

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

Reference Only

5S

Reference Only
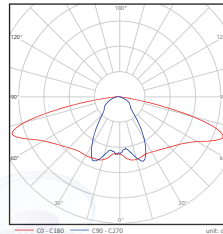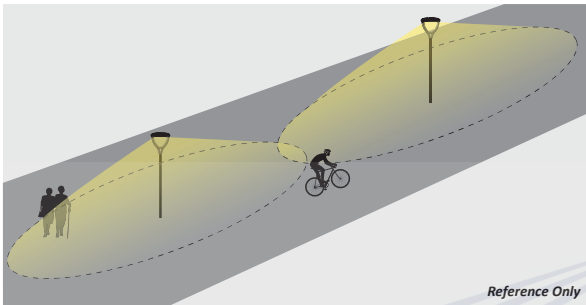
1M Symmetry

Optical Control

Optical control function is supported by optional

A

Photo Receptacle
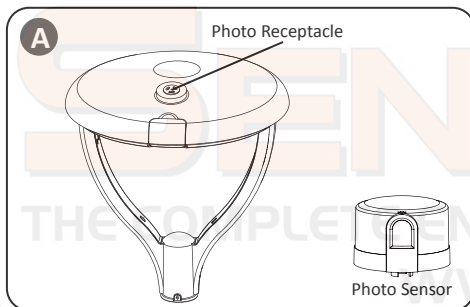
Photo Sensor

If the fixture has PHOTO CONTROL function, the Photo Receptacle will be installed on the cover of fixture. See **A**. Fit the pins of Photo Sensor to Photo Receptacle, firmly insert and rotate Photo Sensor to proper position.

<Verifying>
Make sure all the connections done and photo control is well installed on the fixture, switch on the power supply and cover the window of photo sensor, wait for 5 seconds, the fixture will be turned on.

Dimming Optional

Inventronics driver will be used if dimming function is requested.
Multiple dimming functions are integrated (0-5V DC or 0-10V DC or PWM Signal or Timer).
★ 0-5V Dimming [All the models over 56W are available]
★ 0(1)-10V Dimming [All the models are available except 27W]
★ PWM Dimming [All the models over 56W are available]
★ Timer Dimming [All the models over 56W are available]

Certification

Manufacturer
ISO9001, ISO14001
L Series [SLEDZ-LD27LM, SLEDZ-LD37LM, SLEDZ-LD56LM, SLEDZ-LD70LM, SLEDZ-LD90LM, SLEDZ-LD120LM]
CE, CB, ROHS, ENEC,LM80

Revision History

Change Date	Rev.	Description of Change		
		Item	From	To
2017/11/13	Rev1.0	Datasheets Release		
2017/11/23	Rev2.0	Optic		Added 1M Symmetry
2017/12/12	Rev2.0	Datasheets		Added 5050 version
2018/02/08	Rev3.0	Packing Weight		Correction