



lightwolf®

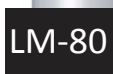
Ihr spezielles Licht



ISO9001
ISO14001



10 kV



7 YEAR
WARRANTY

LED STREET LIGHTS

LED power supply



+ NON-DIMMABLE

High-end MeanWell HLG Series LED driver, optimal stability, performance and lifespan.



+ 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.



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.



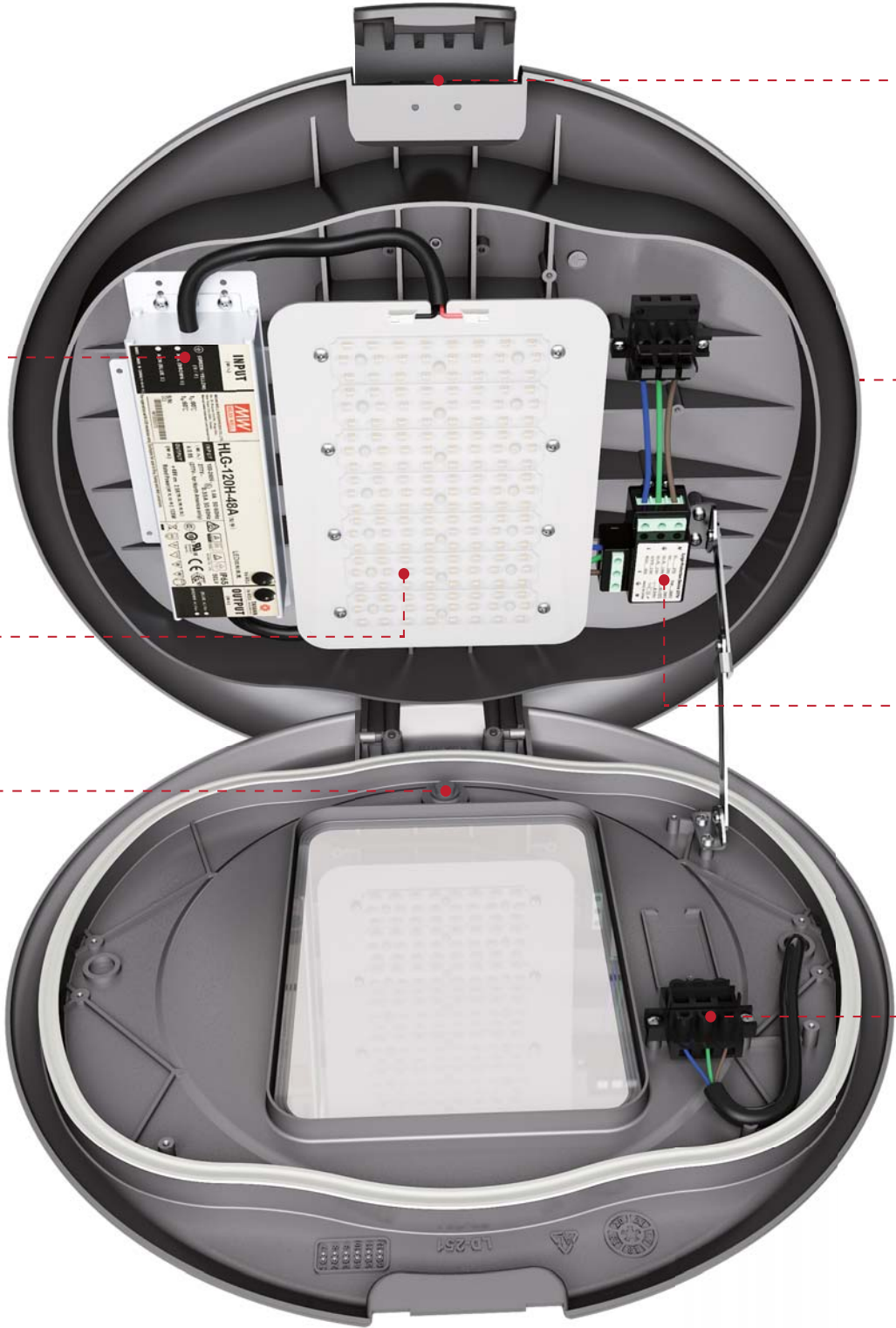
Surge protection device(10KV)

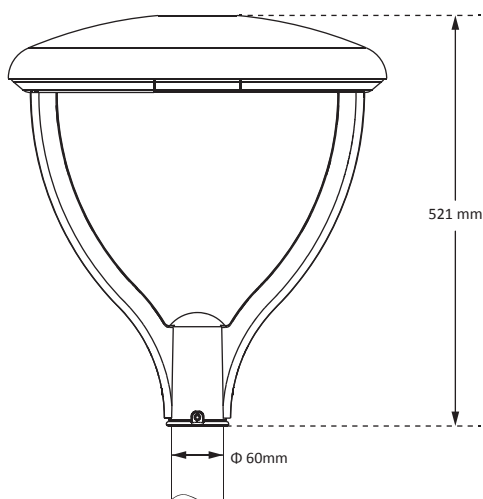
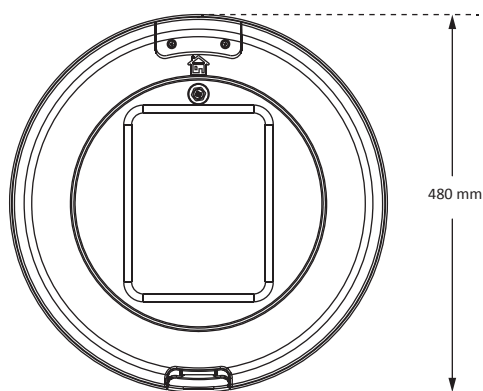
To provide more reliable guarantee for LED driver, extend the life of the product.



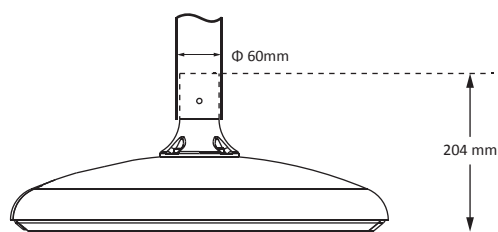
Power turn off protector (Only Post Top Mounted available)

Under maintenance,when the fixtures be opened, the power will be cut off to protect personal safety.

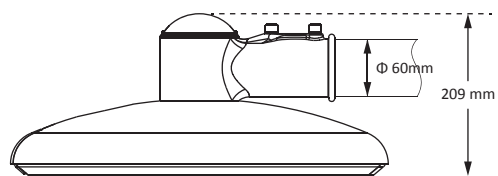




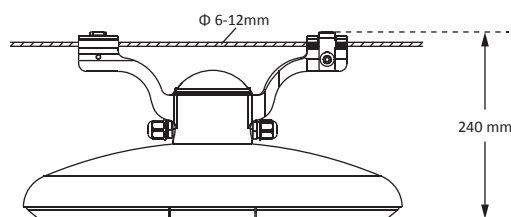
Post Top Mounted



Pendant Mounted



Side Entry Mounted



Suspended Mounted

Packing Details

★ Luminaire [Side Entry Mounted and Suspended Mounted]

Model	Carton Size (mm)	N.W (kg)	G.W (kg)
LW-LÜ27	495*495*170	7.4	9.1
LW-LÜ37	495*495*170	7.6	9.3
LW-LÜ56	495*495*170	7.7	9.4
LW-LÜ70	495*495*170	7.8	9.5
LW-LÜ90	495*495*170	7.9	9.6
LW-LÜ120	495*495*170	7.9	9.6

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	1.0	1.5
Suspended Mounted	355*150*105	0.8	1.5

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)
LW-LÜ27	495*495*170	8.7	10.4	7.6	9.3
LW-LÜ37	495*495*170	8.9	10.6	7.8	9.5
LW-LÜ56	495*495*170	9.0	10.7	7.9	9.6
LW-LÜ70	495*495*170	9.1	10.8	8.0	9.7
LW-LÜ90	495*495*170	9.2	10.9	8.1	9.8
LW-LÜ120	495*495*170	9.2	10.9	8.1	9.8

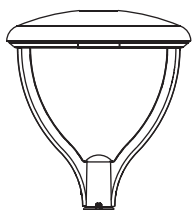
Note: Above data of weight are all typical values.

Electrical & Photometric

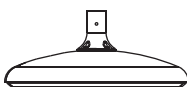
Order Reference
LW-LÜ120

A

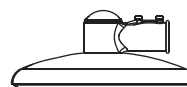
LA Post Top Mounted



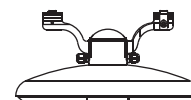
LB Pendant Mounted



LA Side Entry Mounted



LÜ Suspended Mounted



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)
LWL	LW-LÜ27	□ 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	3000*3 4000 5000 5700	10KV	>100,000 (L70)
	LW-LÜ37	□ 96units/ 59mA	37W	130 lm /w*1	4810 lm							
	LW-LÜ56	□ 120units/ 70mA	56W	130 lm /w*1	7280 lm							
	LW-LÜ70	□ 144units/ 78mA	70W	130 lm /w*1	9100 lm							
	LW-LÜ90	□ 168units/ 86mA	90W	130 lm /w*1	11700 lm							
	LW-LÜ120	□ 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 10% 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)
LW-LÜ27	-40 °C ~ +50 °C 10% ~ 90%RH	-40 °C ~ +50 °C	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)
LW-LÜ37								
LW-LÜ56								
LW-LÜ70								
LW-LÜ90								
LW-LÜ120								

Note: Above data of weight are all typical values.

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).

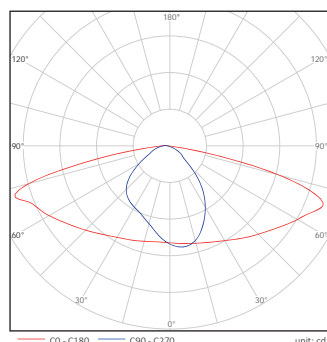
- ★ 0-5V Dimming [All the models over 56W are available]
- ★ 0(1)-10V Dimming [All the models are available except 27W]
- ★ PWM Dimming [All the models over 56W are available]
- ★ Timer Dimming [All the models over 56W are available]

Certification

Manufacturer
ISO9001, ISO14001
LÜ Series [LW-LÜ27W - LW-LÜ120W]
CE, ROHS, LM80

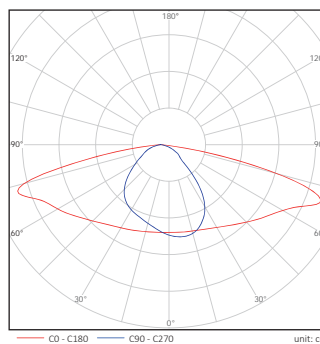
Light Distributions

★ Pendant Mounted | Side Entry Mounted | Suspended Mounted



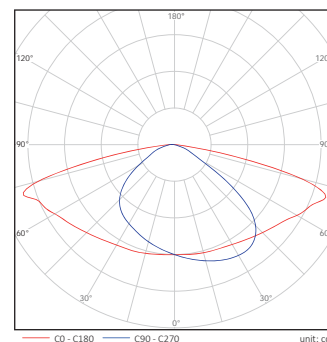
Type I

Application
Single Driveway
Walkway
Cycleway
Branch Road



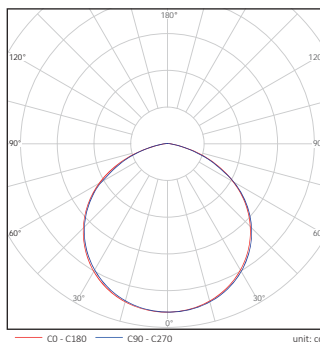
Type II

Application
Two Driveway
Driveway Entrance
Urban main roads



Type III

Application
Three Driveway
Urban main roads
Parking Lot/Area

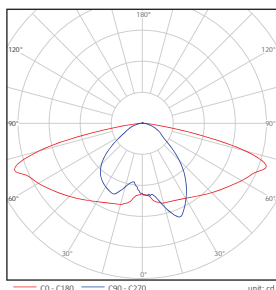


Type V

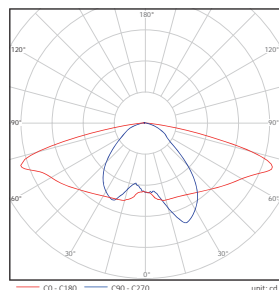
Application
Parking lot
Square
Garden
Area

★ Post Top Mounted

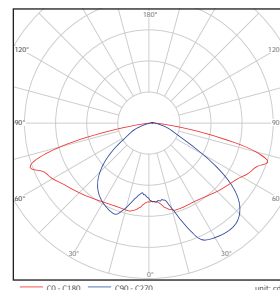
Type I



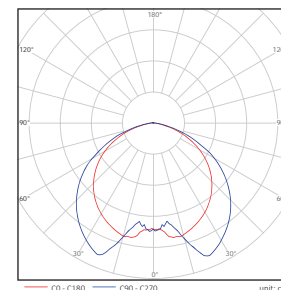
Type II



Type III



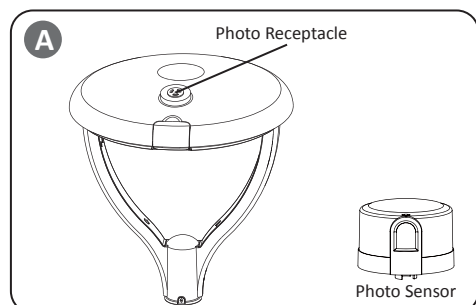
Type V



Application: Public garden | Public park | Parking Lot | Path way

Optical Control

Optical control function is supported by optional



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 5 seconds, the fixture will be turned on.