



AC AREA LIGHT: ALINA GS-AL-(20W-30W-40W-50W-60W-75W-90W-120W-150W)

General

- Heavy-duty die-cast aluminum housing and door. IK10 and anti-corrosion.
- Tool-less entry hinged removable door for easy maintenance.
- Auto-electrical disconnection: Built-in circuit breaker, tool free electrical gear tray.
- UV stabilized polyester powder paint finish for durability and corrosion resistance.
- Multiple mounting options: post top and side entry installation available.
- Mounting has leveling adjustment from -15° to +15°
- 3G vibration rated.

Electrical

- 1-1 0V/ PMW/ timer dimming, 3 timer modes, Dim-to-Off with standby power <= 0.5W.
- Constant current Class II driver,
 - 100-277Vac, 50-60Hz, Class I optional.
- High efficiency driver: up to 93.5%, minimum efficiency 87.5%.
- Input Surge Protection: 6kV line-line, 1 0kV line-earth, pho-to-cell, 20KV SPD available.
- Operating temperature rating of 40°F to 122°F (-40°C to 50°C).



Certifications



MODEL	LUMINAIRE LUMEN OUTPUT	REPLACE UP TO	WATTS	IP & IK	DISTRIBUTION TYPE	FIXTURE DIMENSION	NW	MAXIMUM CURRENT
GS-AL-50W	3100lm	50W	20W	IP66 & IK09	Type II, Type III, Type IV	25.6"x9.4"x5.5"	9.7lbs	0.22A
GS-AL-30W	4641lm	75W	30W	IP66 & IK09	Type II, Type III, Type IV	25.6"x9.4"x5.5"	9.7lbs	0.33A
GS-AL-40W	6000lm	120W	40W	IP66 & IK09	Type II, Type III, Type IV	25.6"x9.4"x5.5"	9.7lbs	0.44A
GS-AL-50W	7520lm	150W	50W	IP66 & IK09	Type II, Type III, Type IV	25.6"x9.4"x5.5"	9.7lbs	0.55A
GS-AL-60W	9024lm	150W	60W	IP66 & IK09	Type II, Type III, Type IV	25.6"x9.4"x5.5"	9.7lbs	0.66A
GS-AL-75W	11898lm	200W	75W	IP66 & IK09	Type II, Type III, Type IV	25.6"x9.4"x5.5"	9.7lbs	0.88A
GS-AL-90W	13110lm	250W	90W	IP66 & IK09	Type II, Type III, Type IV	30"x11.4"x5.7"	13.9lbs	1.00A
GS-AL-120W	16030lm	400W	120W	IP66 & IK09	Type II, Type III, Type IV	30"x11.4"x5.7"	13.9lbs	1.35A
GS-AL-150W	19236lm	500W	150W	IP66 & IK09	Type II, Type III, Type IV	30"x11.4"x5.7"	13.9lbs	1.65A



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GRIDSHIFT™
SOLAR LIGHTING

Corporate: 2803 Broadway Ct. Edmond, OK 73013
 California: 1341 Distribution Way, Suite 20, Vista, CA 92081

GridSet is a trademark of GridShift Solutions, LLP



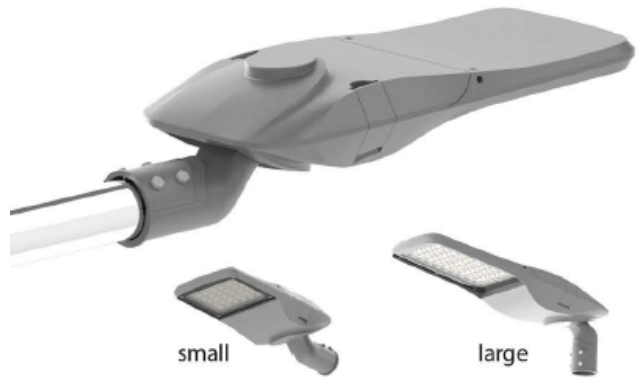
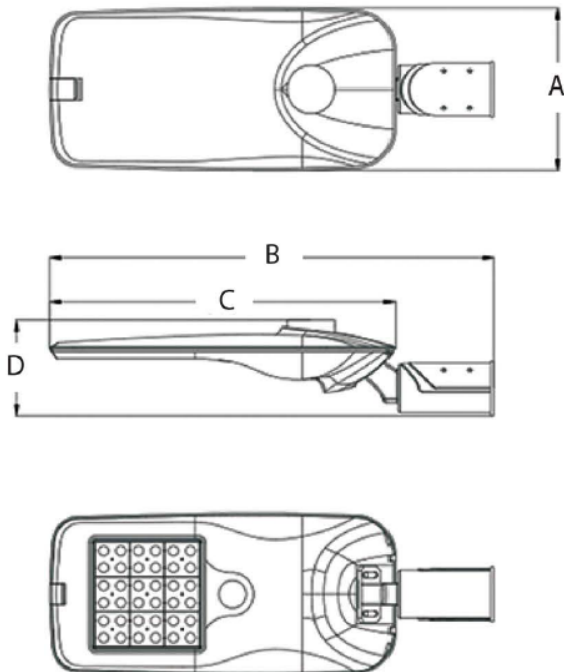
Wounded Warrior Project

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Construction Features



- 1. Reserved space for photocell
- 2. Buckle design
- 3. Class I /Class II Dimmable driver
- 4. Isolated removable plate for driver
- 5. Auto Power Cut off Protector
- 6. Supporting Rod
- 7. Adjustable Mounting



A	B	C	D
Dimensions of 20W-75W			
9.37"	25.59"	19.88"	5.51"
Dimensions of 90W, 120W, and 150W			
11.41"	30.12"	24.40"	5.70"



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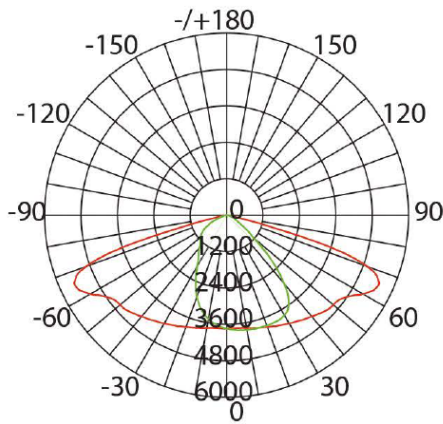


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Optical System

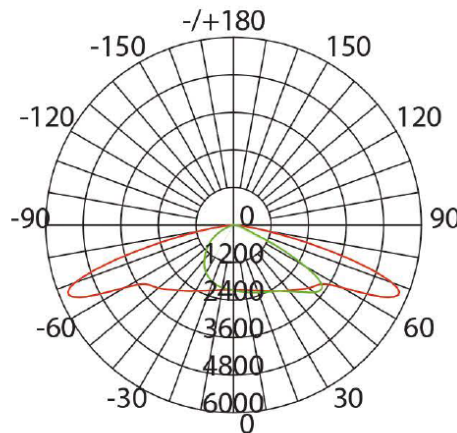
- Precision engineered individual lenses made of optical grade Mitsubishi polycarbonate for maximum light intensity.
- Micro-lens systems produce IESNA Type 11, Type 111, Type IV distributions. Luminaire produces 0% total lumens above 90° (BUG Rating, U=0).
- Delivers improved visual comfort by lower glare and providing a wider smoother and more uniform light output.
- Optical systems maintain an IP66 rating.
- Available in 3000K, 4000K, 5000K, 5700K, 6500K CCT.
- Efficacy 150lm/W as standard, higher lumen output, precision light pattern ensures more energy saved.
- Cutoff classification: Cutoff, no uplight pollution.
- Minimum CRI of 70, 80, and 90 optional.
- With Tempered Glass cover.

Photometry



Average Beam Angle (50%): 112.7°
Unit:cd

— C0/180,149.4 lc:3740
— C90/270,76.0 lc:3875



Average Beam Angle (50%): 126.8°
Unit:cd

— C0/180, 159.7 lc:2092
— C90/270,93.9 lc:1085

All published Luminaire photometric testing performed to ! ESNA LM-79-08 standards by a NVLAP accredited Laboratory.

Ordering Information

GS-AL-	WATTS	VOLTAGE	LED CHIPS	TYPE OF SENSOR	CCT&CRI	DISTRIBUTION	HOUSING	OPTIONS
	20W	NV= 100-277V	L3=LUMILEDS3030	00=Without Sensor	3070=3000K 70CRI	T2=Type II	SG=Silver Gray	10KV SPD
	30W		L5=LUMILEDS5050	PH=Photocell	4070=4000K 70CRI	T3=Type III		20KV SPD
	40W			DV=Dimmable	5070=5000K 70CRI	T4=Type IV		
	50W				5770=5700K 70CRI			
	60W				3080=3000K 80CRI			
	75W				4080=4000K 80CRI			
	90W				5080=5000K 80CRI			
	120W				5780=5700K 80CRI			
	150W							



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