

Garrison Series LED



PROJECT NAME	
CATALOG #	
NOTES	



*All Motion sensor purchases come as a set, including a motion sensor and an L7 Wattstopper lens.

LUMINOUS OUTPUT & DIMENSIONS

WATTAGE	OUTPUT	DIMENSIONS
50 Watts	7,200 lumens	51.8" x 7.5" x 4.4"
75 Watts	10,500 lumens	
100 Watts	14,400 lumens	
125 Watts	16,000 lumens	

SPECIFICATIONS

Input Voltage 120/277V
 Performance..... Up to 144 lm/W
 Distribution..... 120°
 Mount Type.....Suspended or Surface Mounted
 Available Wattages..... 50W, 75W, 100W, 125W
 Kelvin Temperature 4000K, 5000K
 Dimensions..... L51.8" x W7.5" x H4.4"
 Color Rendering Index >70

FEATURES

- > Stainless housing for optimal heat dissipation
- > Suspend or surface mount the fixture
- > In-series transient voltage surge suppressor (TVSS) protects fixture against failure due to dirty power and power supply surges
- > Dimmable 0-10V
- > Optional motion sensor to maximize energy efficiency. Choose from standard by Wattstopper with L7 lens (fig 1.1 & 1.2*), or Internet of Things (IOT) by Enlighted Sensors (fig 1.3).
- > Includes 5 Year Parts Warranty
- > UL 1598 listed
- > Rated IP65

OPERATIONAL TEMPERATURE

STANDARD TEMP	EXTREME TEMP
-40°F to 149°F (-40°C to 65°C)	-40°F to 200°F (-40°C to 93°C)

GARRISON ORDERING INFORMATION

SAMPLE ORDER NUMBER: GAR-7-X50-40-1-3-2-1-1-X-X-1

SERIES	WATTAGE	KELVIN	OPTICS	LENS	FINISH	DRIVER VOLTAGE	REMOTE CABLE	MOTION SENSOR	BATTERY BACKUP	CORD
GAR-7 Std	X50- (50W)	40- (4000K)	1- No Optics	3- Drop Poly Frosted	2- Stainless	1- 120/277V	1- N/A	X- No	X- No	1- 125V, 15amp, SB, 6ft
GAR-8 Extreme	X75- (75W)	50- (5000K)				2- 24V DC		1- Standard*	1- Yes	3- 125V, 15amp, TL, 6ft
	100- (100W)							2- Internet of Things*		9- 277V, 15amp, TL, 6ft
	125- (125W)									D- 300V, Whip, 6ft
										M- M12, 3ft

* Motion Sensor part information: Standard (1) features sensors by Wattstopper with L7 Lens. Internet of Things (2) features sensors by Enlighted Sensors

ADDITIONAL DATA

- > Stainless Steel Type: SS-304
- > Remote Cable(s): Up to 90°C (194°F)
- > Polycarbonate Lens: Up to 138°C (280°F)
- > Motion Sensor: Up to 77°C (167°F)
- > UL 1598 listed
- > Rated IP65

OPTIONAL ACCESSORIES

- > Motion Sensor
- > 10' Aircraft Cable Kit
- > Emergency Battery Backup (see page 2 for more information)

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EMERGENCY BATTERY BACKUP

- > 5-Year Warranty
- > Operating Temperature Range is 0°C to 65°C (32°F to 149°F)
- > Part Number: **ACE-G20-55-380C**



EMERGENCY POWER: Battery Type/Model Number: LiFePO₄ 6.4 VDC with 3300 mAh

Output Power Max	Input Power	Input Current Max	Operating Duration Min.	Battery Charge Time Max	Output Voltage	Output Current	Battery Voltage	IP Rating	Battery Charge Current	Battery Type
20 W	5 W	70 mA	90 min.	48 Hrs.	15-55 V	380 mA	9.6 V	30	210 mA	LiFePO ₄

OPERATIONAL DATA

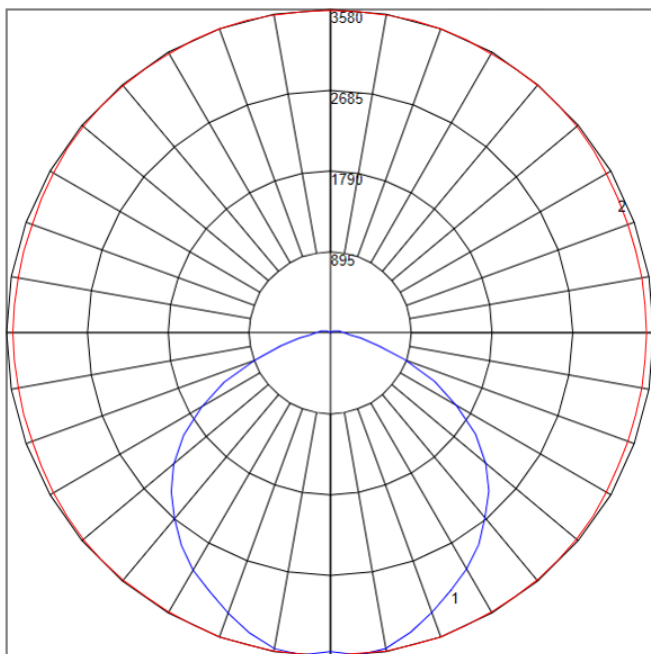
TEST CONDITIONS			
TEMPERATURE	VOLTAGE	POWER FACTOR	TIME (HOURS)
25.0°C	277.0 VAC	0.91	1:25

OPERATIONAL DATA			
PACKAGE	INPUT WATTAGE	CCT	GAR-X LUMENS (LPW)
50W	52.60 W	4000K	6,700 (134)
		5000K	7,200 (144)
75W	77.59 W	4000K	10,100 (135)
		5000K	10,500 (140)
100W	103.25 W	4000K	13,900 (139)
		5000K	14,400 (144)
125W	121.75 W	4000K	15,500 (124)
		5000K	16,000 (128)

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DISTRIBUTION - POLAR PLOT

> 75W



> 125W

