

# Series CITE

## Harsh Environment Enclosure

CITADEL LED is designed for parking garages and other applications where weatherproof wide area lighting is required. A highly engineered LED lighting system is coupled with the best weather proofing materials and design to provide the most durable lighting system in the industry. Poured in place gasket and cam latches seal the enclosures. The mounting can provide dramatic savings on installation labor. Designed around a long lasting and efficient LED array with specially designed heat sinks, reflectors and retaining clips ensure maximum LED life and wide spread lighting to put the light exactly where you want it. A specially designed driver to compliment the LED array housed in special enclosure to insure effective heat dissipation and are also specially designed to provide excellent light transmission of the LEDs while minimizing the glare from the bright LEDs. ETL listed for wet location.

This high quality enclosed fiberglass fixture features a unique continuous poured gasket which completely fills channel for maximum seal integrity. The diffuser is held in place with POM retaining latches. Stainless steel latches are recommended for the following applications: agriculture, car washes, food processing and swimming pools. Hole is 7/8" diameter and is provided with a plastic plug on one end for conduit attachment. Offset mounting pads which keeps luminaire level and slightly off of mounting surface are formed within the housing. Standard diffuser is high impact acrylic with textured pattern designed for high efficiency while providing reduced glare.



### DIMENSIONS

2ft - 37.68"L x 7.33"W x 4.13"H

4ft - 51.81"L x 7.33"W x 4.13"H

8ft - 98.51"L x 7.33"W x 4.13"H

### FEATURES & BENEFITS

- An ideal choice for indoor and outdoor applications
- Suited for operating temperatures down to -30°C
- Ease of installation and maintenance
- >50,000 hrs of L70 LED life
- CRI >80
- 0-10 Volt dimmable 120-277V
- Power factor >0.99
- 5 year warranty



## PRODUCT NUMBERS

### LOW BAY

SERIES	LENGTH	LENS MATERIAL <sup>1</sup>	DIFFUSER <sup>1</sup>	GEAR	WATTAGE <sup>3</sup>	GEAR TRAY	DRIVER
CITE	24L 24"	Blank Acrylic	RF <sup>1</sup> Ribbed Frosted	Y	24W 24 Watts, 2700 Lumens	Blank Low Bay	DMV 120-277VAC 0-10V Dimming
		P <sup>1</sup> Polycarbonate	LB <sup>1</sup> Ribbed Clear		28W 28 Watts, 3300 Lumens		
			FR Smooth Frosted		36W 36 Watts, 4200 Lumens		
	48L 48"		CL Smooth Clear		15W 15 Watts, 2180 Lumens		
			OL <sup>2</sup> Deep Smooth Clear		20W 20 Watts, 2840 Lumens		
					25W 25 Watts, 3625 Lumens		
					30W 30 Watts, 4350 Lumens		
					35W 35 Watts, 5075 Lumens		
					40W 40 Watts, 5800 Lumens		
					45W 45 Watts, 6525 Lumens		
					52W 52 Watts, 7540 Lumens		
	96L 96"				30W 30 Watts, 4350 Lumens		
					50W 50 Watts, 7250 Lumens		
					70W 70 Watts, 10150 Lumens		
					108W 108 Watts, 15660 Lumens		

COLOR/CRI <sup>4</sup>	OPTIONS	ACCESSORIES
30K 3000K 80 CRI	PC120 Photo Cell, 120V	MDB3 Low Mount 360° Bi-level with 0-10V Driver
35K 3500K 80 CRI	PC277 Photo Cell, 277V	MDT4 Occupancy Sensor Wide Angle Lens
40K 4000K 80 CRI	EM14 14W Emergency battery backup	MDT4W Occupancy Sensor Wide Angle Wet Location
50K 5000K 80 CRI	EM20 20W Emergency battery backup (remote only)	CITMB2L Stainless Steel Brackets
		CITMB2LSM Stainless Steel Brackets with Bails
		SL Stainless Steel Latch
		TPS Tamper Proof Screws
		CIT5 1/2" Hub
		CIT7 3/4" Hub

<sup>1</sup>PRF and PLB are Not available in 8ft.

<sup>2</sup>Polycarbonate not available in Deep Lens option.

<sup>3</sup>Programmable LED drivers allow custom configured wattages and corresponding lumen.

<sup>4</sup>Consult factory for 90CRI.

**NOTE:** Values shown are typical or recorded under standardized conditions at 25°C. Actual performance may vary based on environment or application. Specifications are subject to change without notice. We reserve the right to change design, materials, LED's and finish in any way that will not alter installed appearance or reduce function and performance.

## PRODUCT NUMBERS

### PARKING GARAGE

SERIES	LENGTH		LENS MATERIAL		DIFFUSER		GEAR	WATTAGE <sup>3</sup>		GEAR TRAY		DRIVER	
CITE	24L	24"	Blank Acrylic P <sup>2</sup> Polycarbonate	FR	Smooth Frosted	Y	24W	24 Watts, 2200 Lumens	PG	Parking Garage	DMV	120-277VAC 0-10V Dimming	
				CL	Smooth Clear		28W	28 Watts, 2600 Lumens					
				OL <sup>2</sup>	Deep Smooth Clear		36W	36 Watts, 3600 Lumens					
				48W	48 Watts, 4800 Lumens								
				57W	57 Watts, 5700 Lumens								
				72W	72 Watts, 7000 Lumens								
				57W	57 Watts, 5700 Lumens								
				97W	97 Watts, 9700 Lumens								
48L	48"												
96L	96"												

COLOR/CRI <sup>4</sup>	OPTIONS	ACCESSORIES
30K 3000K 80 CRI	PC120 Photo Cell, 120V	MDB3 Low Mount 360° Bi-level with 0-10V Driver
	PC277 Photo Cell, 277V	MDT4 Occupancy Sensor Wide Angle Lens
35K 3500K 80 CRI	EM14 14W Emergency battery backup	MDT4W Occupancy Sensor Wide Angle Wet Location
40K 4000K 80 CRI	EM20 20W Emergency battery backup (remote only)	CITMB2L Stainless Steel Brackets
50K 5000K 80 CRI		CITMB2LSM Stainless Steel Brackets with Bails
		SL Stainless Steel Latch
		TPS Tamper Proof Screws
		CIT5 1/2" Hub
		CIT7 3/4" Hub

<sup>1</sup>PRF and PLB are Not available in 8ft.

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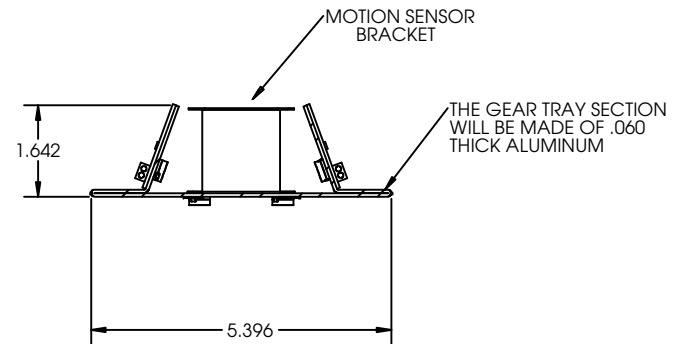
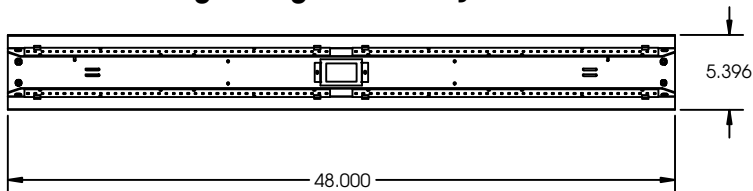
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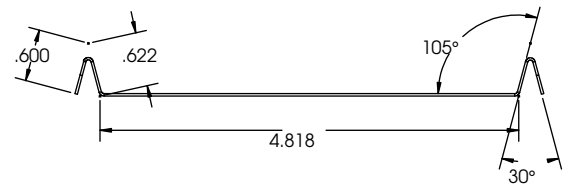
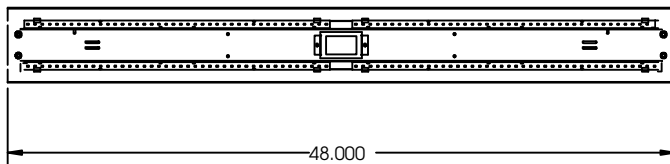
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#### DRAWINGS & IMAGES

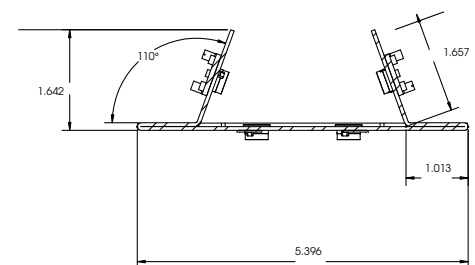
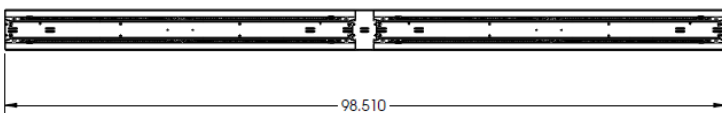
**4' Parking Garage Gear Tray**



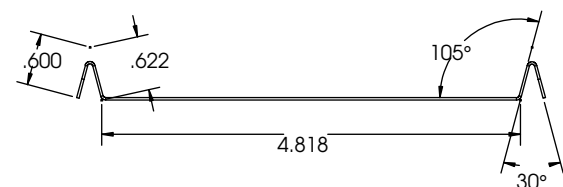
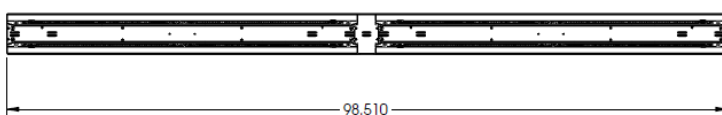
**4' Low Bay Gear Tray**




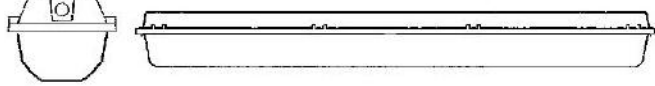
**8' Parking Garage Gear Tray**



**8' Low Bay Gear Tray**



## DRAWINGS & IMAGES

Overall Dimensions (Housing, Lens and Latches)		Nominal Length	Width	Length	Depth
Housing with Frosted Lineal Ribbed Diffusers (RF)		2'	7.33"	27.68"	4.13"
		4'	7.33"	51.81"	4.13"
		8'	7.33"	98.51"	4.13"
Housing with Deep Frosted Lens (FR)		4'	7.33"	51.81"	5.63"

## Clips & Hangers Accessories



- Replacement white latch (each sold separately)
- **H123**



- Stainless steel latch for each
- **CITLATCHSS**



- Stainless steel mounting bracket
- Mounts fixture at 45° angle from wall or ceiling
- **CITMB2L45DEG**



- Stainless steel mounting bracket w/ bail
- Recommended for cable hanging
- **CITMB2LSM**



- Stainless steel mounting bracket
- **CITMB2L**

### Notes:

\*To replace latches on entire fixture, order 6 latches for 2ft., 8 latches for 4ft., and 14 latches for 8ft.

## ORDER INFORMATION

### DLC Listed Items (Low Bay Version Only)



4ft - ITEM NUMBER		8ft - ITEM NUMBER
CITE48LFRY15WDMV30K	CITE48LRFY15WDMV30K	CITE96LRFY30WDMV30K
CITE48LFRY15WDMV35K	CITE48LRFY15WDMV35K	CITE96LRFY30WDMV35K
CITE48LFRY15WDMV40K	CITE48LRFY15WDMV40K	CITE96LRFY30WDMV40K
CITE48LFRY15WDMV50K	CITE48LRFY15WDMV50K	CITE96LRFY30WDMV50K
CITE48LFRY20WDMV30K	CITE48LRFY20WDMV30K	CITE96LRFY50WDMV30K
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CITE48LFRY25WDMV30K	CITE48LRFY25WDMV30K	CITE96LRFY70WDMV30K
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CITE48LFRY45WDMV30K	CITE48LRFY45WDMV30K	CITE96LFRY70WDMV30K
CITE48LFRY45WDMV35K	CITE48LRFY45WDMV35K	CITE96LFRY70WDMV35K
CITE48LFRY45WDMV40K	CITE48LRFY45WDMV40K	CITE96LFRY70WDMV40K
CITE48LFRY45WDMV50K	CITE48LRFY45WDMV50K	CITE96LFRY70WDMV50K
CITE48LFRY52WDMV30K	CITE48LRFY52WDMV30K	CITE96LFRY108WDMV30K
CITE48LFRY52WDMV35K	CITE48LRFY52WDMV35K	CITE96LFRY108WDMV35K
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