

Victory

Construction

Extruded aluminum driver enclosure thermally isolated from the fixtures for optimal thermal performance. Heavy-wall, die cast aluminum end caps enclose housing and die-cast aluminum heat sinks. A unique, patent pending interlocking housing and heat sink provides scalability with superior structural rigidity. 3G vibration tested and rated. Optional tool-free hardware available for ease of entry into electrical chamber. Natural air convection design provides cooler operating temperatures. Anti-corrosion coating. Sleek housing allows for easy cleaning of dust, leaves, and bird droppings.

Electrical

LED drivers are mounted to removable tray assembly for ease of maintenance. 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V systems only. Standard with 0-10V dimming. The LED luminaire is suitable for operation in -40 °C to 50°C ambient environments. For applications with ambient temperatures exceeding 50°C, specify the HA (High Ambient) option. Light Squares are IP66 rated. Greater than 90% lumen maintenance expected at 90,000 hours. Available in standard 1A drive current and optional 600mA, 800mA and 1200mA drive currents (nominal).

- Standard universal voltage (120 - 240/277Vac) input, 50/60Hz, 249/528V option.
- LED life up to 180,000 hours.
- 0 - 10V/ PMW/ Timer dimming, 3 Timer modes, Dim-to-Off with stan by power ≤ 0.5W.
- Constant current driver, 100 - 277Vac, 50 - 60Hz, 347/480V.
- High efficiency driver: up to 93.5% , minimum efficiency 87.5%.
- Input surge protection: 6kV line - line, 10kV line - earth.
- Photocell, PIR sensor, 20KV SPD available

Optical System

High-efficiency injection-molded Optics technology. Optics are precisely designed to shape the distribution maximizing efficiency, application spacing and create consistent distributions with the scalability to meet customized application requirements. Offered standard in 5000K (+/- 275K) CCT 70 CRI.

- Field rotation lenses for quick and easy lighting design implementation. Rotate the lens to achieve different light distribution directions.
- Type II, Type III, Type IV, Type V light patterns are available.
- Available in 3000K, 4000K, 5000K, 5700K CCT.
- Efficacy 145 lm/W and 175lm/W optional, higher lumen output and precision light pattern ensure more energy saved.
- Dark Sky Compliant with full cutoff and NO up light

Mounting

- 4 different mounting brackets simplify your installation job, making installation to any style of pole quicker and easier.

Finish

Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Heat sink is powder coated black. Standard housing colors include black, dark bronze, grey, and white.



Certificates & Warranty

- ETL Listed
- DLC Premium
- 5 Year Warranty

Technical

- Operating Temperature: -40°F to 95°F (-40°C to 35°C)

Victory

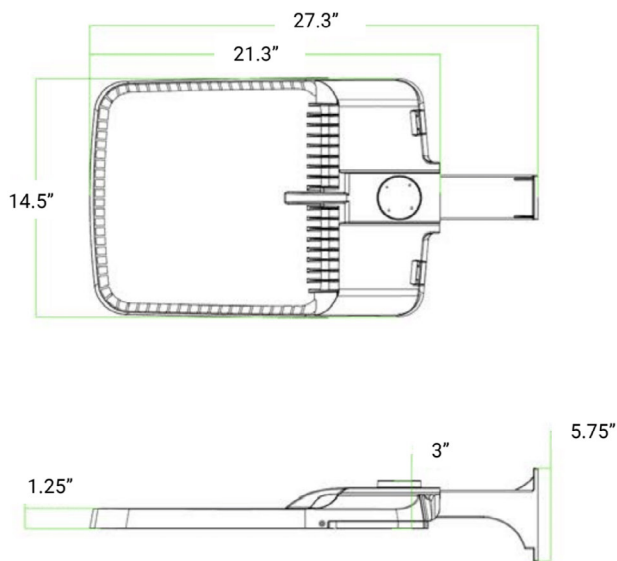
Item	Wattage	Efficacy	Volts	Color Temp	Optics	Mounting	Finish	Controls	Options
VIC Victory	<i>Housing Size 1:</i>	LE 145 lm/W	UNV 100v-277v	3K 3000K	T2 Type II	SF Slip Fitter	BZ8 Zuma Bronze	D Dimming 0-10v	HSS 180° Houseside Shield
	40W	HE 175 lm/W	HV 249v-528v	4K 4000K	T3 Type III	SPA Square Pole Arm	BK GT Black	PC Photocell	SP10 10kV Surge Protection
	75W			5K 5000K	T4 Type IV	RPA Round Pole Arm	WH Alpine White	M' PIR Motion Sensor	SP20 20kV Surge Protection
	100W			57K 5700K	T5 Type V	TRM Trunnion Mount	GRY Granite Gray	3PR 3 Pin NEMA Receptical	CAP Sorting Cap
	120W							5PR 5 Pin NEMA Receptical	
	145W							7PR 7 Pin NEMA Receptical	
	180W								
	<i>Housing Size 2:</i>								
	200W								
	230W								
	300W								

1 Includes 1 remote controller per order. Additoinal remotes can be ordered upon request

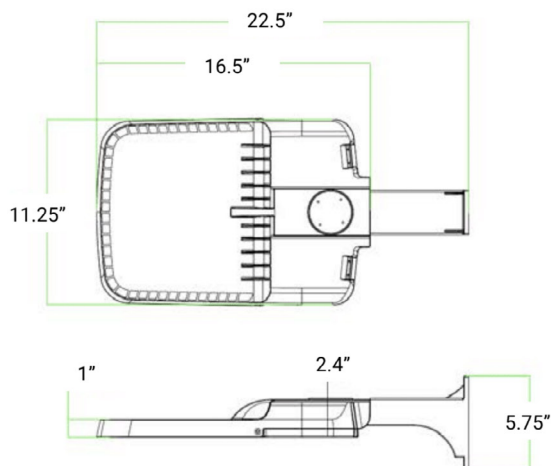


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Dimensions



Housing Size 2 (200w to 300w)



Housing Size 1 (75w to 180w)

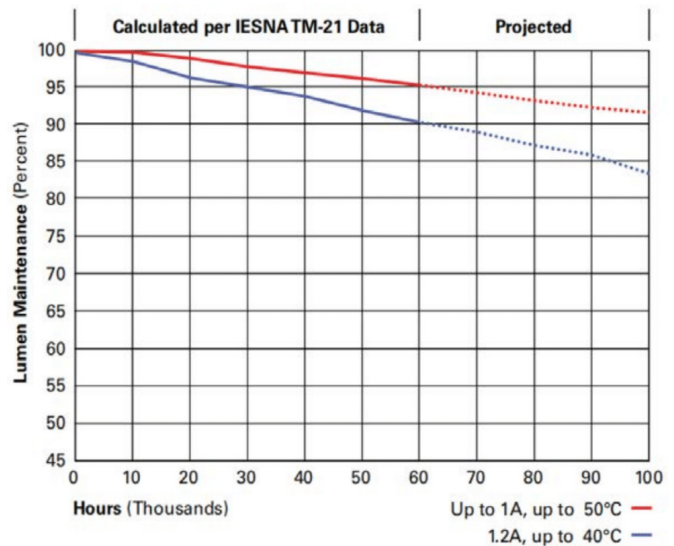
Victory

Lumen Data

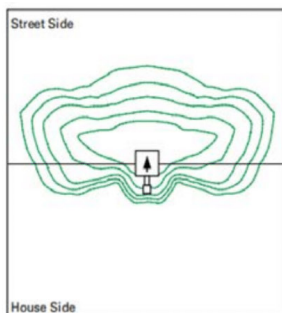
Model	Wattage	Efficacy	Lumens
VIC-75	75W	145 lm/W	10,800lm
VIC-100	100W	145 lm/W	14,000lm
VIC-120	120W	145 lm/W	17,400lm
VIC-145	145W	145 lm/W	21,000lm
VIC-200	200W	145 lm/W	29,000lm
VIC-230	230W	145 lm/W	33,000lm
VIC-300	300W	145 lm/W	43,500lm
VIC-75	75W	175 lm/W	13,500lm
VIC-100	100W	175 lm/W	18,000lm
VIC-120	120W	175 lm/W	21,000lm
VIC-145	145W	175 lm/W	26,000lm
VIC-200	200W	175 lm/W	36,000lm
VIC-230	230W	175 lm/W	41,000lm
VIC-300	300W	175 lm/W	52,500lm

Lumen Maintenance

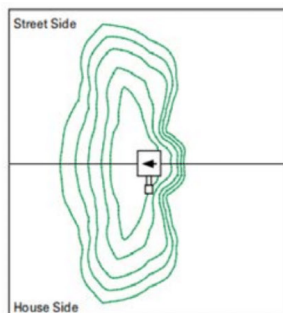
Drive Current	Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Projected L70 (Hours)
Up to 1A	Up to 50°C	> 95%	416,000
1.2A	Up to 40°C	> 90%	205,000



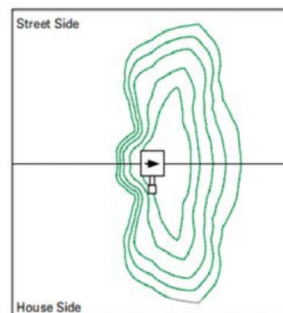
Optic Orientation



Standard



Optics Rotated Left @ 90° [L90]



Optics Rotated Right @ 90° [R90]

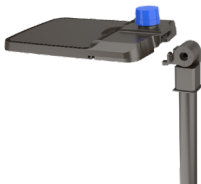
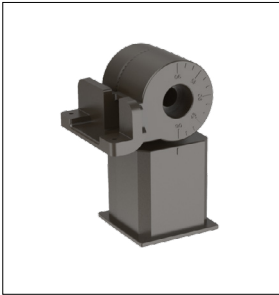
Lumen Multiplier

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97

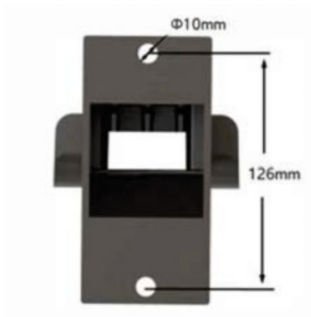
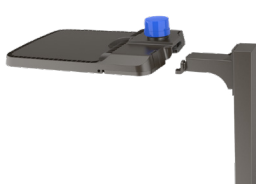
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Dimensions

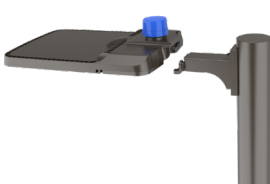
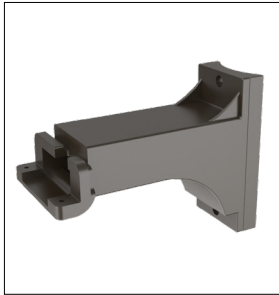
Slip Fitter



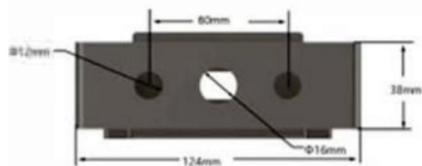
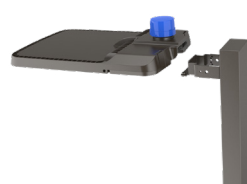
Square Pole Arm Mount




Round Pole Arm Mount



Trunnion Mount



	S1	D90	D180	T120	T90	Q90
Config.						
EPA	0.7	1.0	1.4	1.5	1.5	1.5

*Please specify mounting configuration on pole part #

[Round Pole Spec Sheet](#)



[Square Pole Spec Sheet](#)

