



# CITATION® (Various reflectors are protected by U.S. Patent No. 6,464,378.)

**HOUSING** - One-piece aluminum, available in small, medium, and large. Corners are welded and finished to produce a clean, sharp appearance while increasing housing strength and ensuring weather-tight construction.

**DOOR FRAME** - Aluminum, with two captive stainless steel door fasteners to provide secure closure and easy access with no loose hardware.

**LENS/GASKET** - Clear flat tempered glass lens (CT2H, CTM, CTL) and a contoured clear tempered glass lens (CT2V) are sealed to the lens frame with EPDM gasketing. The lens frame features a one-piece continuous gasket for maximum sealing to the housing.

**SOCKETS** - Porcelain mogul-base sockets. All sockets are pulse-rated.

**LIGHT SOURCES** - Pulse-Start Metal Halide, Super Metal Halide, Super Metal Halide Reduced Envelope, Metal Halide, Metal Halide Reduced Envelope, or High Pressure Sodium. Clear lamp is supplied as standard.

**BALLASTS** - High-power factor ballast. Pulse-Start Metal Halide, Super Metal Halide, Metal Halide, and 250 watt and above High Pressure Sodium fixtures feature a CWA type ballast. 100 and 150 watt HPS fixtures feature HX-HPF ballast. All ballasts are designed for -20° F operation, and are mounted to the housing reinforcing plate.

**REFLECTORS/DISTRIBUTION PATTERNS** - Five reflector systems and distribution patterns are available with the Citation: Asymmetrical (A), Type III (3) medium distribution pattern for increased pole spacing, Forward Throw (FT), and Forward Perimeter (FP) for perimeter lighting applications to eliminate stray light and produce a sharp backside cutoff, and Type V (5), for an even symmetrical distribution pattern. A field-rotatable reflector, which provides flexibility in distribution patterns without moving the fixture, is available with the large 1000 Watt Forward Throw Citation only. Photometric data is tested in accordance with IESNA guidelines.

**BRACKETS** - A 2-1/2" x 5-3/8" x 6" aluminum bolt-on bracket is shipped standard with a small Citation (CT2H and CT2V). A 2-1/2" x 5-3/8" x 8" aluminum bolt-on bracket is shipped standard with a medium Citation (CTM). A 2-1/2" x 6" x 12" aluminum bolt-on bracket is shipped with a large Citation (CTL). A 6" bracket is available for CTL and CTM in single and D180° configurations. A round pole plate (RPP2) is required for mounting to 3"-5" round poles (See Accessory Ordering Information chart).

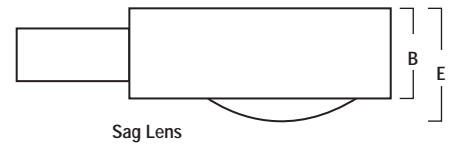
**FINISHES** - Each fixture is finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include bronze, black, platinum plus, buff, white, satin verde green, metallic silver, and graphite.

**PHOTOMETRICS** - Please visit our web site at [www.lsi-industries.com](http://www.lsi-industries.com) for detailed photometric data.

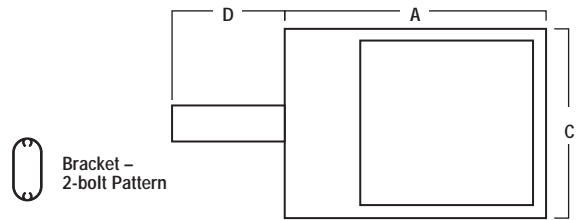


Flat-lensed fixtures meet IESNA full cutoff classification

## DIMENSIONS



Sag Lens



Bracket - 2-bolt Pattern

	A	B	C	D	E
CT2V	511mm / 20-1/8"	203mm / 8"	371mm / 14-5/8"	152mm / 6"	286mm / 11-1/4"
CT2H	511mm / 20-1/8"	203mm / 8"	371mm / 14-5/8"	152mm / 6"	-
CTM	635mm / 25"	203mm / 8"	467mm / 18-3/8"	203mm / 8"	-
CTL	737mm / 29"	254mm / 10"	533mm / 21"	305mm / 12"	-

## LUMINAIRE EPA CHART

Citation	CT2V 152mm 6" bracket	CT2H 152mm 6" bracket	CTM 203mm 8" bracket	CTL 305mm 12" bracket
Single	1.5	1.4	2.2	3.2
D180°	3.0	2.8	4.0	6.4
D90°	2.4	2.2	3.9	5.1
T90°	3.9	3.6	6.1	8.3
TN120°	3.9	3.6	6.2	8.5
Q90°	4.7	4.4	7.8	10.2
Parallel (uses no arms)	2.4	2.2	3.9	5.1

Note: House Side Shield adds to fixture EPA. Consult factory.

## SHIPPING WEIGHTS - Citation

Catalog Number	Est. Weight (kg/lbs.)	Length (mm/in.)	Width (mm/in.)	Height (mm/in.)
CT2H	14 / 30	546 / 21.5	394 / 15.5	286 / 11.25
CT2V	14 / 30	559 / 22	394 / 15.5	394 / 15.5
CTM	17 / 37	737 / 29	489 / 19.25	343 / 13.5
CTL	27 / 59	775 / 30.5	565 / 22.25	451 / 17.75



Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_  
 Catalog # \_\_\_\_\_



LUMINAIRE ORDERING INFORMATION

Luminaire Prefix	Distribution	Lamp Wattage	Light Source	Lens	Line Voltage <sup>2</sup>	Luminaire Finish
<b>Vertical Burn</b> CT2V – Small	FP – Forward Perimeter 5 – Type V	150 175 250 320 400	PSMV – Pulse-Start Metal Halide 175, 250, 320 Watt SMVR – Super Metal Halide Reduced Envelope 400 Watt MH – Metal Halide 175, 250 Watt MHR – Metal Halide Reduced Envelope 400 Watt HPS – High Pressure Sodium 150 Watt	CT - Contoured Clear Tempered Glass	480 MT - Multi Tap <sup>3</sup> TT - Tri-Tap <sup>4</sup>	BRZ - Bronze BLK - Black PLP- Platinum Plus BUF - Buff WHT - White SVG - Satin Verde Green GPT - Graphite MSV - Metallic Silver
<b>Horizontal Burn</b> CT2H – Small	A – Asymmetrical 3 – Type III FT – Forward Throw 5 – Type V	100 150 175 250 320 400	PSMH – Pulse-Start Metal Halide 320 Watt SMH – Super Metal Halide 175, 250 Watt SMHR – Super Metal Halide Reduced Envelope 400 Watt MH – Metal Halide 175, 250 Watt MHR – Metal Halide Reduced Envelope 400 Watt HPS – High Pressure Sodium 100, 150, 250, 400 Watt	F – Flat Clear Tempered Glass		
<b>Horizontal Burn</b> CTM – Medium	A – Asymmetrical 3 – Type III FT – Forward Throw 5 – Type V	250 320 400	PSMH – Pulse-Start Metal Halide 320 Watt SMH – Super Metal Halide 250, 400 Watt MH – Metal Halide 250, 400 Watt HPS – High Pressure Sodium 250, 400 Watt			
<b>Horizontal Burn</b> CTL – Large	A – Asymmetrical 3 – Type III FT – Forward Throw <sup>1</sup>	750 1000	PSMH – Pulse-Start Metal Halide 750, 1000 Watt MH – Metal Halide 1000 Watt HPS – High Pressure Sodium 1000 Watt			

CT2H      3      400      SMHR      F      MT      BRZ      PCR

EXAMPLE OF A TYPICAL ORDER

**Options**  
6BK – 6" Bracket (CTL and CTM)<sup>5</sup>  
PCR – Photoelectric Control Receptacle<sup>6</sup>  
LL – Less Lamp

**FOOTNOTES:**

- 1- CTL-FT – Forward Throw reflectors are field-rotatable.
- 2- For international voltages, consult factory.
- 3- MT – Multi Tap is shipped standard unless otherwise specified. Multi Tap consists of 120V, 208V, 240V, and 277V. Multi Tap is pre-wired for highest voltage. Alternate voltages will require field re-wiring.
- 4- Tri-Tap is shipped standard for Canadian applications. Tri-Tap consists of 120V, 277V, and 347V. Tri-Tap is pre-wired for highest voltage. Alternate voltages will require field re-wiring.
- 5- A 6" bracket can only be ordered with single and D180° configurations - CTL and CTM.
- 6- PCR factory installed and prewired for highest voltage. Alternate voltages will require field re-wiring.

**ACCESSORY ORDERING INFORMATION** (Accessories are field installed)

Description	Order Number	Description	Order Number
PC120 – Photocell	122514	CTM HSS – House Side Shield	122520BLK+
PC208-277 – Photocell for 208V, 240V or 277V	122515	CTL HSS RM – House Side Shield - Rear Mounted	122521BLK+
PC347 – Photocell	159516	CTL HSS SM – House Side Shield - Side Mounted	239683BLK+
PC480 – Photocell	1225180	CT2H PLS – Polycarbonate Shield	168702
FK120 - Single Fusing	FK120	CTM PLS – Polycarbonate Shield	122523
FK277 - Single Fusing	FK277	CTL PLS – Polycarbonate Shield	122524
DFK208, 240 - Double Fusing	DFK208, 240	RPP2 – Round Pole Plate	162914BLK+
DFK480 - Double Fusing	DFK480	BKS-BO-WM-* -CLR Wall Mount Plate	123111CLR
FK347 - Single Fusing	FK347		
CT2V HSS – House Side Shield	122519BLK+		
CT2H HSS – House Side Shield	122519BLK+		

+Black only



Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_  
Catalog # \_\_\_\_\_