



Star Power Patent number: 10168023

**LED WATTAGE CHART**

	80L	96L
1050 milliamps	263W	316W

The Vue Tennis is a collaboration of form, optics and thermal management. These combined high-quality features reduce energy costs, utilize the least amount of poles and fixtures per project while meeting IES minimum foot candle levels and extend maintenance cycles at a competitive price.

With specific optical systems designed for Parking Lots, Roadways, Auto Dealerships, Tennis Courts and Sports Field Lighting, the Vue can achieve powerful performance. Featuring the patent pending *Star Power* optical system, the flexibility and power of optics enable the Vue to gain a distinct advantage over its competitors for almost any distribution pattern. The system features 95% optical material, which goes through a linear diffusion process to stretch the virtual image of the diode—both magnifying it and creating a large range of angular flux both horizontally and vertically. This added range increases the width of the light pattern at a greater distance compared to optical systems, which rely on refraction principles using plastics. Star Power optics are also the most reliable; other plastic optics will oxidize over time as well as tend to lose its seal while exposed long term to the elements.

**PRODUCT FEATURES**

**The Vue Tennis is the Best Value Outdoor Lighting Solution**

- Has an End of Life modular efficient chip upgrade solution.
- Has a beautiful, sleek and stealth shape made out of extruded aluminum.
- Can be mounted directly on to a Wall, Pole, Tennis Arm, or Davit Arm.
- 20 Degree maximum tilt available
- Light Distribution is Type Tennis Optic (TT).
- Is the Perfect Long Life Solution for any municipality, school, or infrastructure.
- The Vue Tennis conforms to the strictest Made in the USA standards.
- Designed, Tooled, Fabricated and Assembled in the USA.



**STAR POWER™ OPTICAL SYSTEM**

The Star Power™ reflector is an excellent system which provides great value and performance.

Project Name:

Type:

## VUE-2 TENNIS ORDERING GUIDE

Cat#	Light Dist.	# of LEDs	Milliamps	Kelvin	Volts
VUE-2 <b>(VUE-2)</b>	Tennis Optic <b>(TT)</b>	80 <b>(80L)</b>  96 <b>(96L)</b>	1050 <b>(1)</b>	4000K, 70 CRI <b>(40K7)</b>  4000K, 80 CRI <b>(40K8) ①</b>  5000K, 70 CRI <b>(50K7)</b>  5000K, 80 CRI <b>(50K8) ①</b>	120-277 <b>(UNV)</b>  347-480 <b>(HV)</b>

Mounting	Color	Controls Options	Options
Direct Pole 6" Arm Single D180 <b>(DPS6) ②</b>	Black Textured <b>(BLK)</b>	Nema 7-Pin Receptacle <b>(PE7)</b>	Bird Spikes <b>(BS)</b>
Direct Pole 12" Arm D90, T90, T120, Quad <b>(DPS12) ②</b>	Smooth Black Gloss <b>(SBK)</b>	Photocell + Receptacle <b>(PCR) ⑥</b>	Marine Grade Finish <b>(MGF)</b>
Knuckle Mount <b>(KM)</b>	Green Textured <b>(GRN)</b>	Receptacle + Shorting Cap <b>(PER) ⑥</b>	Quick Mount Bracket <b>(QMB)</b>
Trunion Mount <b>(TM) ③</b>	Custom <b>(CS)</b>	FSP-211 with Motion Sensor <i>8' + Below Heights</i> <b>(FSP-8) ⑥</b> <i>9'-20' Heights</i> <b>(FSP-20) ⑥</b> <i>21'-40' Heights</i> <b>(FSP-40) ⑥</b>	Retrofit Mount Bracket <b>(RQMB)</b>
Tennis Arm Mount <b>(TA)</b>		Button Type Photocell <b>(PC) ⑥</b>	Round Pole Adaptor 3"-4" Pole <b>(RPA4)</b>
Wall Mount <b>(WM) ④</b>			Round Pole Adaptor 5"-6" Pole <b>(RPA5)</b>
			Rotated Optic Left <b>(ROL)</b>
			Rotated Optic Right <b>(ROR)</b>
			Front Side Shield <b>(FSS)</b>
			House Side Shield <b>(HSS)</b>

**Notes:**

- ① Consult Factory for Lead Time. Consult Factory for 90 CRI Requests.
- ② For Round Pole Specify RPA4 or RPA5
- ③ Standard finish is stainless steel. Can be painted to match fixture.
- ④ Includes 6" Bolt On Arm
- ⑤ Universal Voltage 120-277
- ⑥ 7-Pin Standard



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# PRODUCT SPECIFICATIONS

## ELECTRICAL

- 120-277 Volts (UNV) or 347-480 Volts (HV)
- 0-10V dimming driver
- Driver power factor at maximum load is  $\geq .95$ , THD maximum load is 15%
- LED Drivers Ambient Temp. Min is  $-40^{\circ}\text{C}$  and Ambient Temp. Max ranges from  $50^{\circ}\text{C}$  to  $55^{\circ}\text{C}$  and, in some cases, even higher. Consult the factory for revalidation by providing the fixture catalog string before quoting and specifying it.
- All internal wiring UL certified for 600 VAC and  $105^{\circ}\text{C}$
- All drivers, controls, and sensors housed in enclosed IP-65 compartment
- CRI 70, 80 or 90
- Color temperatures: 2700, 3000K, 3500K, 4000K, 5000K
- Surge Protection: 20KA supplied as standard.

## OPTIONS

- **BIRD SPIKES (BS)**—offers effective and humane deterrent for larger bird species and provides cost-effective long-term solution to nuisance bird infestations and protect your property.
- **MARINE GRADE FINISH (MGF)**—A multi-step process creating protective finishing coat against harsh environments.
  - Chemically washed in a 5 stage cleaning system.
  - Pre-baked
  - Powder coated 3-5 mils of Zinc Rich Super Durable Polyester Primer.
  - 1-2 feet inside pole coverage top and bottom.
  - Oven Baked.
  - Finished Powder Coating of Super Durable Polyester Powder Coat 3-5 mil thickness.
- **SHIELDS (HSS, FSS)**—Four-sided House Side Shield (HSS) is designed for full property line cut-off. Front-Side Shield (FSS) is a single-sided shield allowing partial cut-off on either side or front of luminaire.

## CONTROLS

- **FSP-211 (FSP-X)**—Passive infrared (PIR) sensor providing multi-level control based on motion/daylight contribution.
  - All control parameters adjustable via wireless configuration remote storing and transmitting sensor profiles.
  - FSP-20 mounting heights 9-20 feet
  - FSP-40 mounting heights 21-40 feet.
  - Includes 5 dimming event cycles, 0-10V dimming with motion sensing, re-programmable in the field.
  - FSIR-100 commissioning remote is required to change sensor settings. Please contact factory for ordering.
- **NEMA 7-PIN RECEPTACLE (PE7)**—An ANSI C136.41-2013 receptacle provides electrical and mechanical interconnection between photo control cell and luminaire. Dimming receptacle available two or four dimming contacts supports 0-10 VDC dimming methods or Digital Addressable Lighting Interface (DALI), providing reliable power interconnect.

## OPTICS

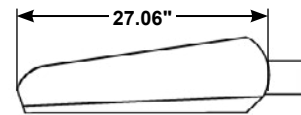
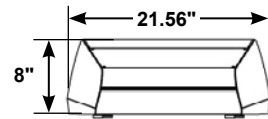
Recessed Star Power Optical System is 95% reflective material. Utilizes a linear diffused pattern, softening the light distribution and eliminating any dark shadows or striations. Low iron glass lens comes standard.

- IES Types



TYPE T (TT)

**VUE-2**  
Weight: 34 lbs

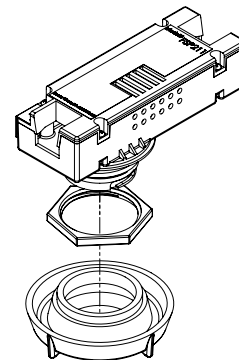


EPA	SGL	D90	D180	T90	T120	QD
VUE-2	1.51	3.02	2.79	4.21	4.34	4.21

## DPX ARM LENGTH

	SGL	D90	D180	T90	T120	QD
VUE-2	6"	12"	6"	12"	12"	12"

## FSP-211



The information and specifications on this document are subject to change without any notification. All values are design, nominal, typical or prorated values when measured under internal and external laboratory conditions.

# PRODUCT SPECIFICATIONS

VUE - LUMEN DATA CHART

PART NUMBER	TT OPTIC	Lm/W	TT-HSS OPTIC	Lm/W	WATT
VUE-2-80L-1-40K7	26826	102	26221	99	263
VUE-2-80L-1-50K7	27615	105	27089	103	263
VUE-2-96L-1-40K7	32232	102	31474	99	316
VUE-2-96L-1-50K7	33180	105	32548	103	316

Lumen Multiplier for 700mA 0.73

Lumen Maintenance Data

Ambient Temperature	Drive Current	L90 Hours*	L70 Hours**	30,000 Hours*	50,000 Hours*	60,000 Hours*	100,000 Hours**
25°C	1050mA	48,000	131,000	94.9%	89.3%	86.7%	76.8%

\*Reported extrapolations per IESNA TM-21      \*\*Projected extrapolations per IESNA TM-21

## MOUNTING OPTIONS



Direct Wall Mount



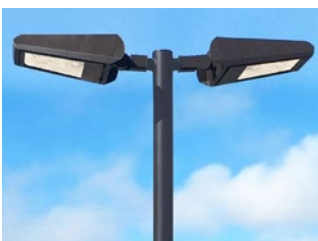
Wall Mount (Includes 6" Arm)



Trunnion Mount



Tennis Arm

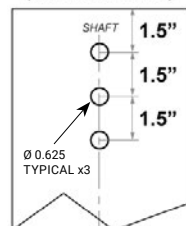


Knuckle Mount



Direct Pole Mount

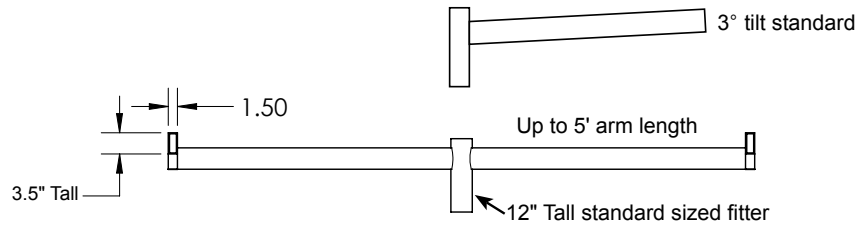
2X4 DRILL PATTERN  
(VUE-1 and VUE-2)



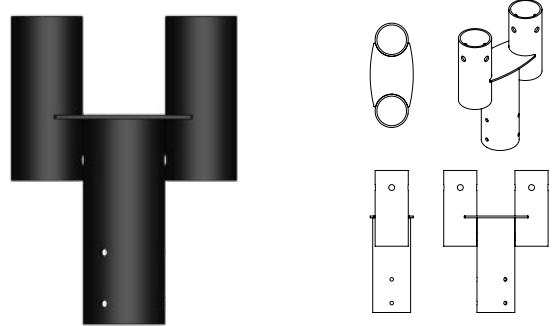
**PRODUCT SPECIFICATIONS**

**TENNIS ARMS AVAILABLE**

Single, D90, D70, D180 , T90, T120, T135, Q90, Q120, U-Arm, H-Arms



Single Davit Arm  
**(DAV)**



Davit Fitter Twin  
**(DA-TWIN)**



Single Arm Tennis  
**(SAT)**



Double Arms Tennis  
**(DAT)**



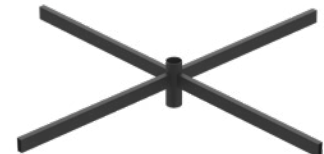
Double Arms Tennis Square  
Straight **(DTSS)**



Double Arms Tennis Square  
Diamondack **(DTSDB)**



Triple Arms Tennis  
**(TAT)**



Quad Arms Tennis  
**(QAT)**



U-Arm Tennis for Double fixture  
heads **(UAT)**



Triple U-Arm Tennis  
**(TUAT)**



H-Arm Tennis for Quad fixture  
heads **(HAT)**



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