

The patented VUE-3 Tennis Luminaire provides the best lighting solution for Clubs, Upscale Homes, HOA's, Universities, High Schools and Recreation and Park projects. The VUE is number one ranked tennis court light nationally in terms of Track Record installed on over 300 Multi-Court Tennis facilities.

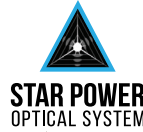
Designed specifically for court lighting the VUE recesses and conceals its light source 2-3 inches above the bottom plane of the fixture reducing or eliminating fixture glare for players, spectators, neighbors and the dark sky environment while achieving USTA Lighting Criteria for foot candles and uniformity with fewer fixtures, poles, and wattage required compared to any other lighting manufacturer.

Product Features

- Traditionally designed to blend with any country club or private court setting.
- VUE can adapt to any existing fixture arm, cross arm, or pole.
- VUE is completely designed, tooled, extruded, cast, fabricated, powder coated, and assembled in the USA achieving the strictest Made in the USA requirements
- VUE optical system is patented and internally adjustable
- VUE LED light source is concealed and hidden from sight from neighbors, the environment, and dark sky.
- NLS also manufactures complimentary poles and arms with the same exact paint finish and texture
- 20 KV Surge protection comes standard in every fixture
- Low Iron Tempered Safety Glass Lens Standard
- VUE depreciation rate is 3-4 times slower than most import fixtures
- The VUE does not utilize plastic acrylic or polycarbonate lenses which yellow, crack, or leak.
- Experienced In House photometric design available at no charge.



Star Power Patent number: 10168023



STAR POWER™ OPTICAL SYSTEM

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



Project Name:

Type:

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Cat#	Light Dist.	Watts/Lumens	Kelvin	Volts	Mounting	Color	Options
VUE-3 (VUE-3)	Tennis Optic (TT)	397 Watts (40)	4000K, 70 CRI (40K7)	120-277 (UNV)	Tennis Arm Adapter (TA)	Black Textured (BLK)	Bird Spikes (BS) Marine Grade Finish (MGF) Photocell (PC) ② Photocell + Receptacle (PCR) ③ ④ Receptacle + Shorting Cap (PER) ④ Integral FSP-211 Dimming/Motion Sensor (FSP-20) ⑤ For 9' to 20' (FSP-40) ⑤ For 21' to 40' House Side Shield (HSS) Front Side Shield (FSS) Round Pole Adaptor 3"- 4" Pole (RPA4) 5"- 6" Pole (RPA5)
		464 Watts (46)	5000K, 70 CRI (50K7)	347-480 (HV)	David Arm Adapter Slips Over 4" Round Tenon (DA)	Green (GRN)	
		522 Watts (52)			Knuckle Mount (KM) ⑥	Hunter Green (HG)	
		580 Watts (58)			Trunnion Mount (TM) ② ⑥	Bronze (BRZ)	
		609 Watts (60)			Mast Arm Slips Over 2-3/8" Round Tenon (MA)	Custom (CS)	
				Direct Pole 6" Arm Single, D180 (DPS6) ①			
				Direct Pole 16" Arm D90, T90, T120, Quad (DPS16) ①			

Notes:
 ① For Round Pole Specify RPA4 or RPA5
 ② Standard finish is stainless steel. Can be painted to match fixture
 ③ Universal Voltage 120-277
 ④ 7-Pin Standard
 ⑤ Max Tilt 20°

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°C and Ambient Temp. Max ranges from 50°C to 55°C and, in some cases, even higher. Consult the factory for revalidation by providing the fixture catalog string before quoting and specifying it.
- All wiring UL certified for 600 VAC and 105°C
- CRI 70
- Color temperatures: 4000K, 5000K
- Surge Protection: 20KA supplied as standard.

CONSTRUCTION

- Formed Aluminum Housing
- External cooling fins
- Low Iron Lens - 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.
 - Oven Baked.
 - Finished Powder Coating of Super Durable Polyester Powder Coat 3-5 mil thickness.
- **SHIELDS (HSS, FSS)** 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 and front of luminaire.
- **ROUND POLE PLATE ADAPTER 3"-4" (RPA4) 5"-6" (RPA5)**

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.
- **PHOTOCELL**
- **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.
- **PHOTOCELL + RECEPTACLE**
- **RECEPTACLE + SHORTING CAP**

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.

- IES Types



TYPE IV (T4)

FINISH

- 3-5 mils electrostatic powder coat.
- NLS' standard high-quality finishes prevent corrosion protects against and extreme environmental conditions

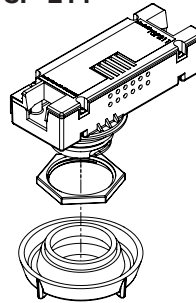
WARRANTY

Five-year limited warranty for drivers and LEDs.

LISTINGS

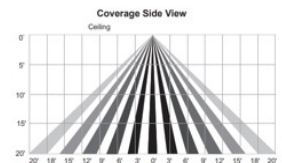
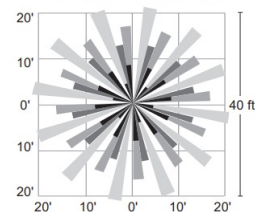
- Certified to UL 1598
- UL 8750
- CSA C22.2 No. 250.0

FSP-211



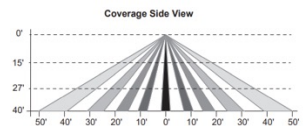
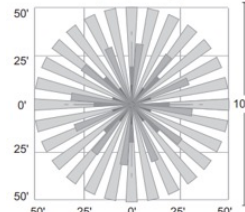
FSP-20

Coverage Top View @ 20 ft.



FSP-40

Coverage Top View @ 40ft



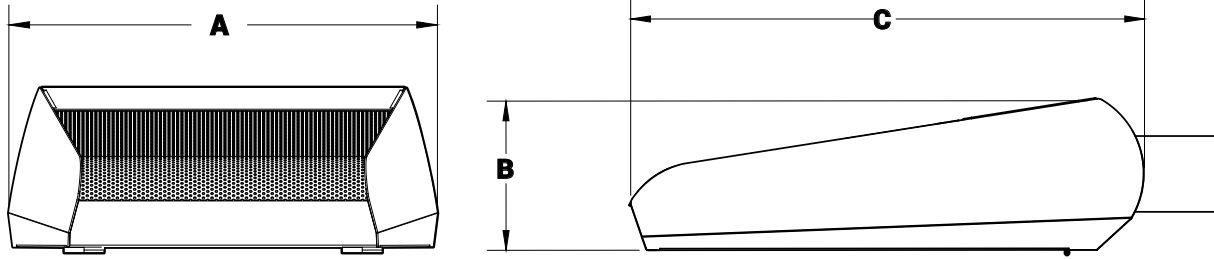
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PRODUCT SPECIFICATIONS



DIMENSION	VUE-3
A	26.17 in
B	8.36 in
C	32.94 in

VUE-3
Weight: 55 lbs

						
SIDE	SGL	D90	D180	T90	T120	QD
VUE-3	1.66	3.36	3.32	5.02	4.38	5.02
VUE-3-FSS	1.91	4.30	3.81	6.21	5.45	6.21
VUE-3-HSS	1.66	4.91	3.32	6.57	7.48	6.57

VUE - LUMEN DATA CHART

PART NUMBER	TT OPTIC	Lm/W	B.U.G.	TT-HSS OPTIC	Lm/W	B.U.G.	TT-FSS OPTIC	Lm/W	B.U.G.	WATT
VUE-3-40-40K7	45,690	115	B4-U0-G3	44053	111	B3-U0-G3	44043	111	B4-U0-G3	397
VUE-3-40-50K7	45,690	115	B4-U0-G3	44053	111	B3-U0-G3	44043	111	B4-U0-G3	397
VUE-3-46-40K7	53,360	115	B4-U0-G4	51449	111	B3-U0-G4	51438	111	B4-U0-G3	464
VUE-3-46-50K7	53,360	115	B4-U0-G4	51449	111	B3-U0-G4	51438	111	B4-U0-G3	464
VUE-3-52-40K7	60,030	115	B4-U0-G4	57880	111	B3-U0-G4	57867	111	B4-U0-G3	522
VUE-3-52-50K7	60,030	115	B4-U0-G4	57880	111	B3-U0-G4	57867	111	B4-U0-G3	522
VUE-3-58-40K7	66,700	115	B4-U0-G4	64311	111	B3-U0-G4	64297	111	B4-U0-G4	580
VUE-3-58-50K7	66,700	115	B4-U0-G4	64311	111	B3-U0-G4	64297	111	B4-U0-G4	580
VUE-3-60-40K7	70,035	115	B4-U0-G4	67527	111	B3-U0-G4	67512	111	B4-U0-G4	609
VUE-3-60-50K7	70,035	115	B4-U0-G4	67527	111	B3-U0-G4	67512	111	B4-U0-G4	609

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	Up to 700mA	58,000	173,000	95.7%	91.6%	89.6%	82.1%
	1050mA	43,000	117,000	93.9%	87.8%	84.9%	74.2%

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



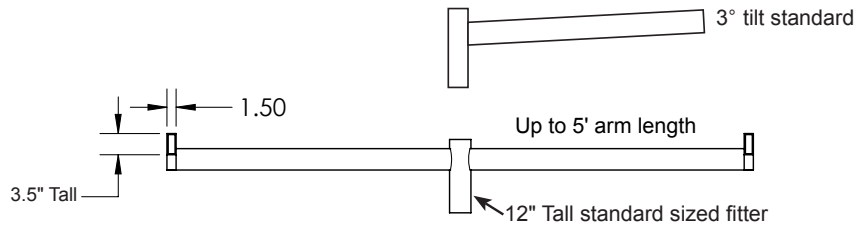
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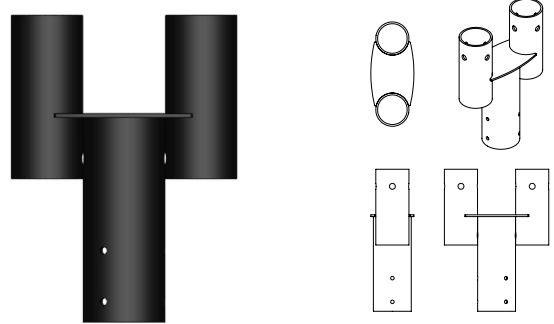
PRODUCT OPTIONS

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)



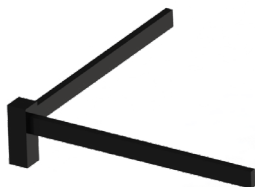
Single Arm Tennis
(SAT)



Double Arms Tennis
(DAT)



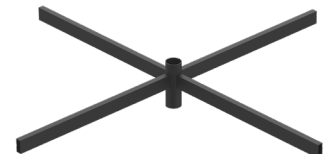
Double Arms Tennis Square
Straight **(DTSS)**



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



Triple Arms Tennis
(TAT)



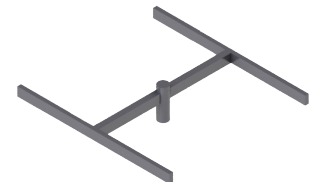
Quad Arms Tennis
(QAT)



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



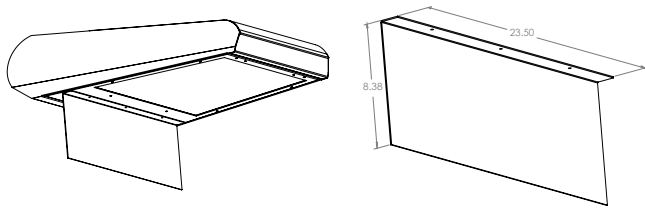
Triple U-Arm Tennis
(TUAT)



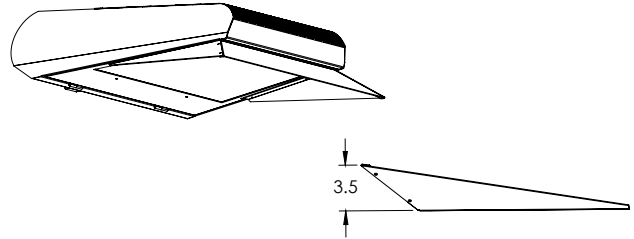
H-Arm Tennis for Quad fixture
heads **(HAT)**

PRODUCT OPTIONS

SHIELDING



HOUSE SIDE SHIELD (HSS)



FRONT SIDE SHIELD (FSS)

POLES AVAILABLE

Direct Burial Round or Square
Anchor Base Round or Square

CONTROL SETTINGS

- Motion Based Percentage Outputs and Time Intervals
- (On, Dim, Off)
- Two Settings
- Full Output Setting 100%
- Backyard Party Setting 10%