

**FORM AND FUNCTION**

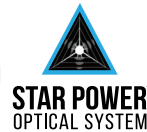
- Sleek, low profile housing
- Engineered for optimum thermal management
- Low depreciation rate
- Reduces energy consumption and costs
- Optical system designed for Parking Lots, Auto Dealerships, Municipalities, Tennis Courts, Field Lighting

**PRODUCT FEATURES**

- Traditionally designed to blend with area lighting 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 and the environment
- 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:

Cat#	Light Dist.	Watts/Lumens	Kelvin	Volts	Mounting	Color	Options
VUE-3 (VUE-3)	Type 4 (T4)	397 Watts (40)	4000K, 70 CRI (40K7)	120-277 (UNV)	Direct Pole 6" Arm Single, D180 (DPS6) ❶	Bronze Textured (BRZ)	Bird Spikes (BS)
		464 Watts (46)	5000K, 70 CRI (50K7)	347-480 (HV)	Direct Pole 16" Arm D90, T90, T120, Quad (DPS16) ❶	White Textured (WHT)	Marine Grade Finish (MGF)
		522 Watts (52)			Knuckle Mount (KM) ❷	Smooth White Gloss (SWT)	Photocell (PC) ❸
		580 Watts (58)			Trunnion Mount (TM) ❷❸	Silver (SVR)	Photocell + Receptacle (PCR) ❹
		609 Watts (60)			Tennis Arm Adaptor (TA)	Black Textured (BLK)	Receptacle + Shorting Cap (PER) ❹
				Mast Arm (MA)	Smooth Black Gloss (SBK)	Integral FSP-211	
					Graphite Textured (GPH)	Dimming/Motion Sensor (FSP-20) ❺ For 9' to 20'	
					Grey Textured (GRY)	(FSP-40) ❺ For 21' to 40'	
					Green (GRN)	House Side Shield (HSS)	
					Custom (CS)	Front Side Shield (FSS)	
						Round Pole Adaptor	
						3" - 4" Pole (RPA4)	
						5" - 6" Pole (RPA5)	

Notes:

- ❶ For Round Pole Specify RPA4 or RPA5
- ❷ Standard finish is stainless steel. Can be painted to match fixture
- ❸ Universal Voltage 120-277
- ❹ 7-Pin Standard
- ❺ 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  $-40^{\circ}\text{C}$  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 wiring UL certified for 600 VAC and  $105^{\circ}\text{C}$
- 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

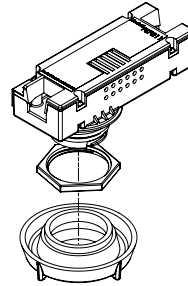
## WARRANTY

Five-year limited warranty for drivers and LEDs.

## LISTINGS

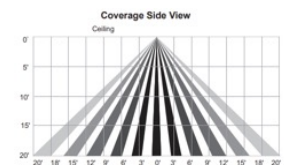
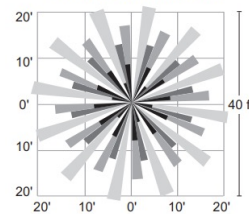
- Certified to UL 1598
- UL 8750
- CSA C22.2 No. 250.0

## FSP-211



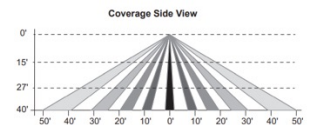
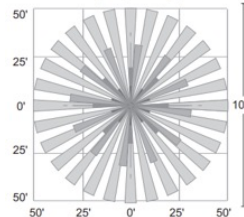
### FSP-20

Coverage Top View @ 20 ft.



### FSP-40

Coverage Top View @ 40ft



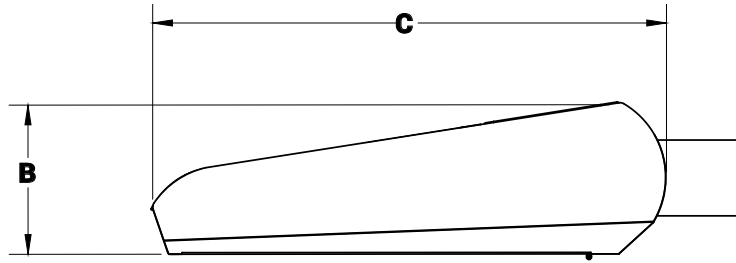
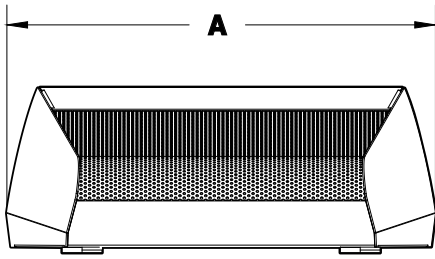
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701 Kingshill Place, Carson, CA 90746  
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# PRODUCT SPECIFICATIONS



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
DPS6	0.18		0.37			
DPS16	0.49	0.49	0.98	0.98	0.94	0.00
Total EPA (ft^2)	1.84 / 2.15	3.85	3.68 / 4.29	5.99	5.32	5.02

## DPX ARM LENGTH

	SGL	D90	D180	T90	T120	QD
VUE-3	6"/16"	16"	6"/16"	16"	16"	16"

## VUE - LUMEN DATA CHART

PART NUMBER	T4 OPTIC	Lm/W	B.U.G.	T4-HSS OPTIC	Lm/W	B.U.G.	T4-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

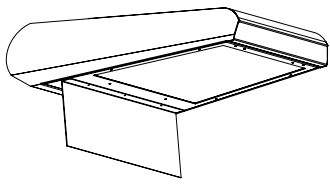


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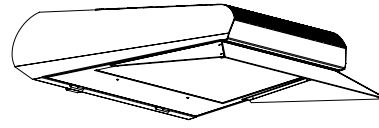
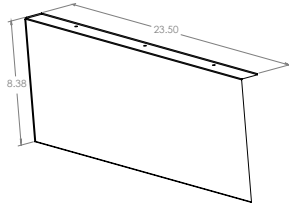
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# PRODUCT OPTIONS

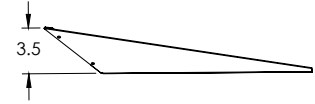
## OPTIONAL



HOUSE SIDE SHIELD (HSS)



FRONT SIDE SHIELD (FSS)



## MOUNTING OPTIONS



Knuckle Mount



Tennis Arm



Trunnion Mount



Direct Pole Mount

### 2X6 DRILL PATTERN (VUE-3 & VUE-4)

