

**FORM AND FUNCTION**

- Sleek, low profile housing
- Dark Sky Compliant, Full Cutoff
- Engineered for optimum thermal management
- Low depreciation rate : L70 = 483,000 Hours
- Reduces energy consumption and costs up to 65%
- Exceeds IES foot candle levels utilizing the least number of poles and fixtures per project
- Optical system designed specifically for Sports Field Lighting

**CONSTRUCTION**

- Aluminum
- External cooling fins, Finite Element Analysis (FEA) designed
- Corrosion resistant external hardware

**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
- DesignLights Consortium® (DLC)



**LED WATTAGE CHART**

	<b>208L</b>	<b>224L</b>	<b>240L</b>	<b>256L</b>
<b>1050 milliamps</b>	662w	711w	760w	809w

Project Name:

Type:

Cat #	Light Dist.	No. of LEDs	Milliamps	Kelvin	Volts	Mounting	Color	Options
VUE-4 (VUE-4)	Type 4 (T4)	208 (208L)	1050 (1)	4000K (40K)	120-277 (UNV)	Direct Pole Single, D180 6" (DPS6)	Black (BLK)	Marine Grade Finish (MGF)
	Type TT (TT)	224 (224L)		5000K (50K)	347-480 (HV)	D90, T90, T120, QD 16" (DPS16)	Green (GRN)	Surge Protector (10K)
		240 (240L)				Tennis Mount (TA)	Custom (CS)	Photocell + Receptacle (PCR)
		256 (256L)				Davit Arm (DA)		Receptacle + Shorting Cap (PER)
					Knuckle Mount (KM)		NEMA 5 Pin Receptacle + Shorting Cap (5PIN)	
								NEMA 7 Pin Receptacle + Shorting Cap (7PIN)
								Wireless Control System (WCS)
								Remote Driver (RD) <i>*RD kept in separate driver box (See SLC Spec Sheet)</i>
								House Side Shield (HSS)
								Front Side Shield (FSS)
								4 Sided Shield (4SS)
								Quick Mount Bracket (QMB)
								Retrofit Quick Mount Bracket (RQMB)
								Round Pole Adaptor 3"- 4" Pole (RPA4) 5"- 6" Pole (RPA5)

*\*See next page for Arm Configurations  
\*For Round Pole, please specify RPA4 or RPA5*

## ELECTRICAL

- 120-277 Volts (UNV) or 347-480 Volts (HV)
- 0-10V dimming driver by Philips Advance
- Driver power factor at maximum load is  $\geq .95$ , THD maximum load is 15%
- All internal wiring UL certified for 600 VAC and 105°C
- All drivers, controls, and sensors housed in enclosed IP-65 compartment
- Lumileds Luxeon MX LEDs
- CRI >70
- Color temperatures: 4000K, 5000K

## 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.

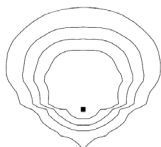
## CONTROLS

- **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, reprogrammable in the field.
- **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.

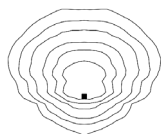
## OPTICS

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.

- IES Types

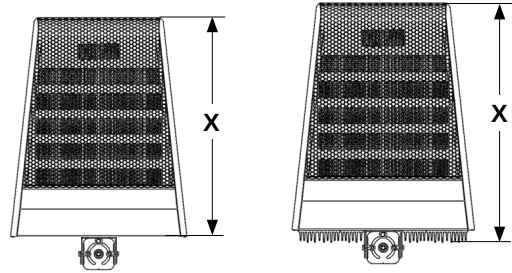
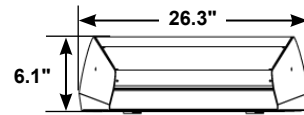


TYPE IV (T4)



TYPE T (TT)

VUE-4



With Remote Driver (RD)

With Internal Driver

\* Cabinet Ordered Separately

DIMENSION	X
VUE-4 with Remote Driver (RD)	32.81 in
VUE-4 with Internal Driver	34.5 in

	WEIGHT
VUE-4 with Remote Driver (RD)	47 lbs
VUE-4 with Internal Driver	75 lbs

## EPA

EPA	VUE-4	VUE-4 HSS	VUE-4 FSS	VUE-4 4SS
Single	1.6	1.25	2.24	2.24

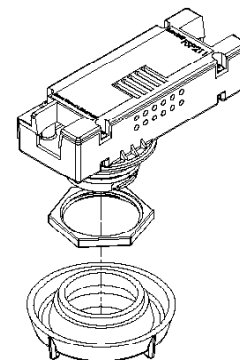
## L70 DATA

TEMP.	Hours
77°F / 25°C	483,000


## DPX ARM LENGTH

	SGL	D90	D180	T90	T120	QD
VUE-4	6"	16"	6"	16"	16"	16"

## FSP-211



VUE - LUMEN DATA CHART																									
PART NUMBER	T4 OPTIC	Lm/W	*DLC	T4-HSS OPTIC	Lm/W	*DLC	T4-FSS OPTIC	Lm/W	*DLC	T4-4SS OPTIC	Lm/W	*DLC	TT OPTIC	Lm/W	*DLC	TT-HSS OPTIC	Lm/W	*DLC	TT-FSS OPTIC	Lm/W	*DLC	TT-4SS OPTIC	Lm/W	*DLC	WATT
VUE-4-208L-1-40K	69510	105	S	65538	99	S	68848	104	S	67524	102	S	69510	105	S	65538	99	S	68848	104	S	68186	103	S	662
VUE-4-208L-1-50K	71496	108	S	67524	102	S	72158	109	S	70834	107	S	71496	108	S	67524	102	S	72158	109	S	71496	108	S	662
VUE-4-224L-1-40K	74655	105	S	70389	99	S	73944	104	S	72522	102	S	74655	105	S	70389	99	S	73944	104	S	73233	103	S	711
VUE-4-224L-1-50K	76788	108	S	72522	102	S	77499	109	S	76077	107	S	76788	108	S	72522	102	S	77499	109	S	76788	108	S	711
VUE-4-240L-1-40K	79800	105	S	75240	99	S	79040	104	S	77520	102	S	79800	105	S	75240	99	S	79040	104	S	78280	103	S	760
VUE-4-240L-1-50K	82080	108	S	77520	102	S	82257	109	S	81320	107	S	82080	108	S	77520	102	S	82840	109	S	82080	108	S	760
VUE-4-256L-1-40K	84945	105	S	80091	99	S	84136	104	S	82518	102	S	84945	105	S	80091	99	S	84136	104	S	83327	103	S	809
VUE-4-256L-1-50K	87372	108	S	82518	102	S	88181	109	S	86563	107	S	87372	108	S	82518	102	S	88181	109	S	87372	108	S	809

\*DLC S= Standard 

### L70 DEPRECIATION

483,000 Hours (@77°F/ 25°C)

## MOUNTING OPTIONS



Knuckle Mount



Tennis Arm

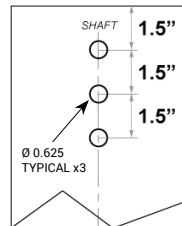


Trunnion Mount

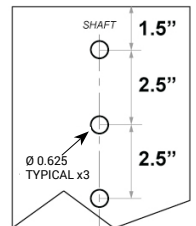


Direct Pole Mount

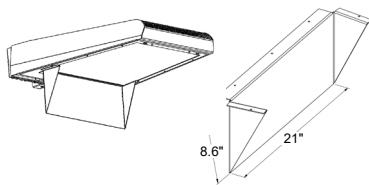
2X4 DRILL PATTERN  
(VUE-1 and VUE-2)



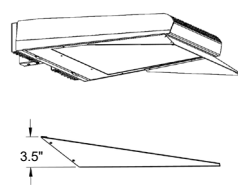
2X6 DRILL PATTERN  
(VUE-3)



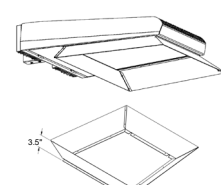
## OPTIONAL



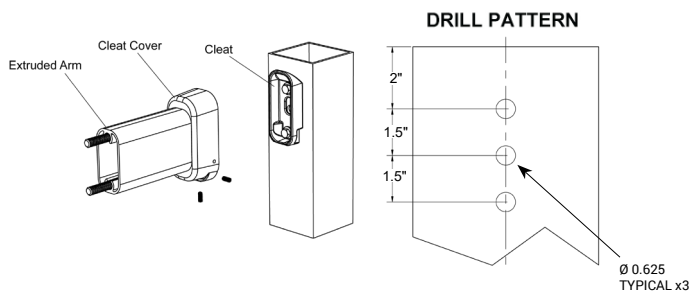
HOUSE SIDE SHIELD (HSS)



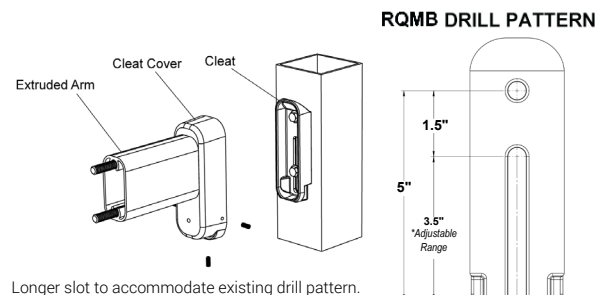
FRONT SIDE SHIELD (FSS)



FOUR SIDE SHIELD (4SS)



QUICK MOUNT BRACKET (QMB)  
DIRECT POLE (DP6/DP11)



RETROFIT QUICK MOUNT BRACKET (RQMB)