

### FORM AND FUNCTION

- Sleek, low profile housing
- Dark Sky Compliant, Full Cutoff
- Engineered for optimum thermal management
- Low depreciation rate
- 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 for Parking Lots, Auto Dealerships, Municipalities, Tennis Courts, 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)
- DesignLights Consortium® Premium (DLCP)



### LED WATTAGE CHART

	20L	32L	48L	64L	80L	96L	112L	128L	144L	160L	176L	192L
530 milliamps	35w	54w	76w	102w								
700 milliamps	44w	71w	104w	136w								
1050 milliamps	70w	106w	156w	205w	263w	316w	366w	409w	458w	505w	551w	594w

SIZE 1

SIZE 2

SIZE 3

Project Name: \_\_\_\_\_ Type: \_\_\_\_\_

Cat #	Light Dist.	No. of LEDs	Milliamps	Kelvin	Volts	Mounting	Color	Options
VUE-1 (205W Max) <b>(VUE-1)</b>	Type 1 <b>(T1)</b>	Size 1 20 <b>(20L)</b> 32 <b>(32L)</b>	530 700	3000K 4000K <b>(30K)</b> <b>(40K)</b>	120-277 <b>(UNV)</b> 347-480 <b>(HV)</b>	Direct Pole For (All Sizes): Single, D180 Square <b>(DPS6)</b> Round <b>(DPR6)</b>	Bronze <b>(BRZ)</b> White <b>(WHT)</b>	Bird Spikes <b>(BS)</b> Marine Grade Finish <b>(MGF)</b>
VUE-2 (316W Max) <b>(VUE-2)</b>	Type 2 <b>(T2)</b>	48 <b>(48L)</b> 64 <b>(64L)</b>	1050 <b>(1)</b>	5000K <b>(50K)</b>		For (Size 1): D90, T90, T120, QD Square <b>(DPS10)</b> Round <b>(DPR10)</b>	Silver <b>(SVR)</b>	Nema 7-Pin Receptacle <b>(PET)</b> Photocell <b>(PC)</b> <i>*Universal Voltage 120-277</i>
VUE-3 (594W Max) <b>(VUE-3)</b>	Type 3 <b>(T3)</b>	Size 2 80 <b>(80L)</b> 96 <b>(96L)</b>				For (Size 2): D90, T90, T120, QD Square <b>(DPS12)</b> Round <b>(DPR12)</b>	Hunter Green <b>(HGN)</b>	Photocell + Receptacle <b>(PCR)</b> Receptacle + Shorting Cap <b>(PER)</b>
	Type 4 <b>(T4)</b>	Size 3 112 <b>(112L)</b>				For (Size 3): D90, T90, T120, QD Square <b>(DPS16)</b> Round <b>(DPR16)</b> <i>*See next page for Arm Configurations</i>	Black <b>(BLK)</b>	Integral FSP-211 Motion Sensor (UNV Voltage) <b>(FSP-8)</b> *For 8' + Below <b>(FSP-20)</b> *For 9' to 20' <b>(FSP-40)</b> *For 21' to 40'
	Type 5 <b>(T5)</b>	128 <b>(128L)</b> 144 <b>(144L)</b> 160 <b>(160L)</b>				Knuckle Mount <b>(KM)</b> Trunion Mount <b>(TM)</b>	Graphite <b>(GPH)</b> Grey <b>(GRY)</b>	Motion Sensor <b>(MS)</b> Surge Protector <b>(10K)</b>
	Tennis Optic <b>(TT)</b>	176 <b>(176L)</b> 192 <b>(192L)</b>				Tennis Arm <b>(TA)</b> Mast Arm <b>(MA)</b> Wall Mount <b>(WM)</b> <i>*Includes 6" Bolt On Arm</i> Direct Wall Mount <b>(DWM)</b> <i>*Includes Wall Plate</i> <i>*VUE-1 Only</i>	Custom <b>(CS)</b>	Rotate Optic Right <b>(ROR)</b> Rotate Optic Left <b>(ROL)</b> House Side Shield <b>(HSS)</b> Front Side Shield <b>(FSS)</b>

## 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: 3000K, 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.

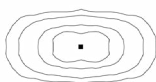
## CONTROLS

- **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.

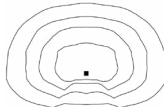
## OPTICS

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.

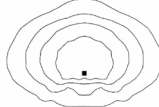
- IES Types



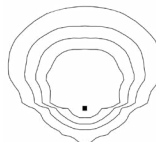
TYPE I (T1)



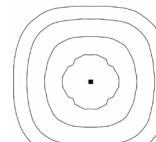
TYPE II (T2)



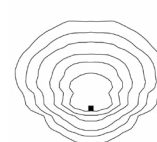
TYPE III (T3)



TYPE IV (T4)

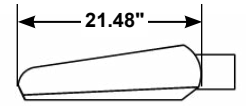
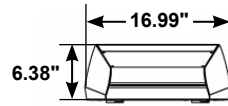


TYPE V (T5)

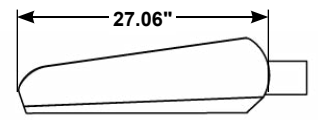
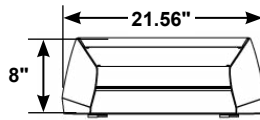


TYPE T (TT)

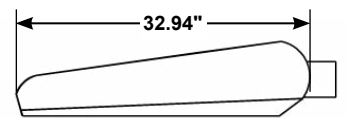
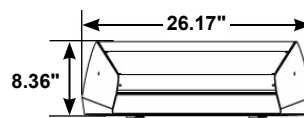
**VUE-1**  
Weight: 27 lbs



**VUE-2**  
Weight: 34 lbs



**VUE-3**  
Weight: 62 lbs

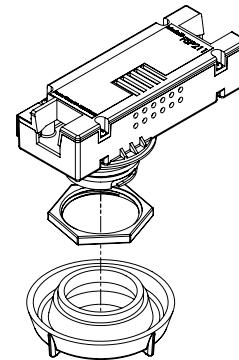


EPA	SGL	D90	D180	T90	T120	QD
VUE-1	1.01	2.02	1.79	2.72	2.78	2.72
VUE-2	1.51	3.02	2.79	4.21	4.34	4.21
VUE-3	1.86	3.72	3.56	5.37	5.48	5.37

## DPX ARM LENGTH

	SGL	D90	D180	T90	T120	QD
VUE-1	6"	10"	6"	10"	10"	10"
VUE-2	6"	12"	6"	12"	12"	12"
VUE-3	6"	16"	6"	16"	16"	16"

## FSP-211



VUE - LUMEN DATA CHART

PART NUMBER	T1 OPTIC	Lm/W	*DLC	T2 OPTIC	Lm/W	*DLC	T2-HSS OPTIC	Lm/W	*DLC	T3 OPTIC	Lm/W	*DLC	T3-HSS OPTIC	Lm/W	*DLC	T4 OPTIC	Lm/W	*DLC	T4-HSS OPTIC	Lm/W	*DLC	T5 OPTIC	Lm/W	*DLC	TT OPTIC	Lm/W	*DLC	WATT
VUE-1-20L-53-30K	3185	91	S	3780	108	S	2450	70	S	3500	100	S	3150	90	S	3430	98	S	3290	94	S	3465	99	S	-	-	S	35
VUE-1-20L-53-40K	3290	94	S	3815	109	S	2610	74	S	3535	101	S	3325	95	S	3535	101	S	3395	97	S	3500	100	S	-	-	S	35
VUE-1-20L-53-50K	3465	99	S	3885	111	S	2785	79	S	3570	102	S	3490	100	S	3605	103	S	3502	100	S	3535	101	S	-	-	S	35
VUE-1-20L-7-30K	4004	91	S	4752	108	S	3080	70	S	4400	100	S	3960	90	S	4312	98	S	4136	94	S	4356	99	S	-	-	S	44
VUE-1-20L-7-40K	4136	94	S	4796	109	S	3282	74	S	4444	101	S	4180	95	S	4444	101	S	4299	97	S	4400	100	S	-	-	S	44
VUE-1-20L-7-50K	4356	99	S	4884	111	S	3485	79	S	4488	102	S	4383	100	S	4532	103	S	4402	100	S	4444	101	S	-	-	S	44
VUE-1-20L-1-30K	6370	91	S	7560	108	S	4900	70	S	7000	100	S	6300	90	S	6860	98	S	6580	94	S	6930	99	S	-	-	S	70
VUE-1-20L-1-40K	6580	94	S	7630	109	S	5230	75	S	7070	101	S	6650	95	S	7070	101	S	6790	97	S	7000	100	S	-	-	S	70
VUE-1-20L-1-50K	6930	99	S	7770	111	S	5560	79	S	7140	102	S	6965	100	S	7210	103	S	7004	100	S	7070	101	S	-	-	S	70
VUE-1-32L-53-30K	4914	91	S	5832	108	S	3780	70	S	5400	100	S	4860	90	S	5292	98	S	5076	94	S	5346	99	S	-	-	S	54
VUE-1-32L-53-40K	5076	94	S	5886	109	S	4046	75	S	5454	101	S	5130	95	S	5454	101	S	5238	97	S	5400	100	S	-	-	S	54
VUE-1-32L-53-50K	5346	99	S	5994	111	S	4306	79	S	5508	102	S	5373	100	S	5562	103	S	5403	100	S	5454	101	S	-	-	S	54
VUE-1-32L-7-30K	6461	91	S	7668	108	S	4970	70	S	7100	100	S	6390	90	S	6958	98	S	6674	94	S	7029	99	S	-	-	S	71
VUE-1-32L-7-40K	6674	94	S	7739	109	S	5302	74	S	7171	101	S	6745	95	S	7171	101	S	6937	97	S	7100	100	S	-	-	S	71
VUE-1-32L-7-50K	7029	99	S	7881	111	S	5634	79	S	7242	102	S	7072	100	S	7313	103	S	7135	100	S	7171	101	S	-	-	S	71
VUE-1-32L-1-30K	9646	91	S	11448	108	S	7420	70	S	10600	100	S	9540	90	S	10388	98	S	9964	94	S	10494	99	S	-	-	S	106
VUE-1-32L-1-40K	9964	94	S	11554	109	S	7870	74	S	10706	101	S	10070	95	S	10706	101	S	10282	97	S	10600	100	S	-	-	S	106
VUE-1-32L-1-50K	10494	99	S	11766	111	S	8310	78	S	10812	102	S	10547	100	S	10918	103	S	10653	100	S	10706	101	S	-	-	S	106
VUE-1-48L-53-30K	6916	91	S	8208	108	S	5320	70	S	7600	100	S	6840	90	S	7448	98	S	7197	94	S	7524	99	S	-	-	S	76
VUE-1-48L-53-40K	7144	94	S	8284	109	S	5650	74	S	7676	101	S	7220	95	S	7676	101	S	7372	97	S	7600	100	S	-	-	S	76
VUE-1-48L-53-50K	7524	99	S	8436	111	S	5980	78	S	7752	102	S	7562	100	S	7828	103	S	7638	100	S	7676	101	S	-	-	S	76
VUE-1-48L-7-30K	9464	91	S	11232	108	S	7280	70	S	10400	100	S	9412	90	S	10192	98	S	9828	94	S	10296	99	S	-	-	S	104
VUE-1-48L-7-40K	9776	94	S	11336	109	S	7700	74	S	10504	101	S	9880	95	S	10504	101	S	10140	97	S	10400	100	S	-	-	S	104
VUE-1-48L-7-50K	10296	99	S	11544	111	S	8105	78	S	10608	102	S	10369	100	S	10712	103	S	10452	100	S	10504	101	S	-	-	S	104
VUE-1-48L-1-30K	14196	91	S	16848	108	S	10920	70	S	15600	100	S	14042	90	S	15288	98	S	14664	94	S	15444	99	S	-	-	S	156
VUE-1-48L-1-40K	14664	94	S	17004	109	S	11544	74	S	15756	101	S	14821	95	S	15756	101	S	15132	97	S	15600	100	S	-	-	S	156
VUE-1-48L-1-50K	15444	99	S	17316	111	P	12168	78	S	15912	102	S	15523	100	S	16068	103	S	15678	100	S	15756	101	S	-	-	S	156
VUE-1-64L-53-30K	9282	91	S	11016	108	S	7140	70	S	10200	100	S	9180	90	S	9996	98	S	9588	94	S	10098	99	S	-	-	S	102
VUE-1-64L-53-40K	9588	94	S	11118	109	S	7548	74	S	10302	101	S	9588	94	S	10302	101	S	9894	97	S	10200	100	S	-	-	S	102
VUE-1-64L-53-50K	10098	99	S	11322	111	S	7956	78	S	10404	102	S	10098	99	S	10506	103	S	10251	100	S	10302	101	S	-	-	S	102
VUE-1-64L-7-30K	12376	91	S	14688	108	S	9520	70	S	13600	100	S	12240	90	S	13328	98	S	12852	94	S	13464	99	S	-	-	S	136
VUE-1-64L-7-40K	12784	94	S	14824	109	S	10064	74	S	13736	101	S	12784	94	S	13736	101	S	13232	97	S	13600	100	S	-	-	S	136
VUE-1-64L-7-50K	13464	99	S	15096	111	S	10608	78	S	13872	102	S	13464	99	S	14008	103	S	13600	100	S	13736	101	S	-	-	S	136
VUE-1-64L-1-30K	18655	91	S	22140	108	S	14350	70	S	20500	100	S	18553	90	S	20090	98	S	19065	93	S	20295	99	S	-	-	S	205
VUE-1-64L-1-40K	19270	94	S	22345	109	S	15170	74	S	20705	101	S	19271	94	S	20705	101	S	19475	95	S	20500	100	S	-	-	S	205
VUE-1-64L-1-50K	20295	99	S	22755	111	P	15990	78	S	20910	102	S	20295	99	S	21115	103	S	20500	100	S	20705	101	S	-	-	S	205
VUE-2-80L-1-30K	23933	91	S	28404	108	S	18410	70	S	26826	102	S	23670	90	S	25774	98	S	25090	95	S	26563	101	S	-	-	S	263
VUE-2-80L-1-40K	24722	94	S	28667	109	S	19462	74	S	27089	103	S	24722	94	S	26563	101	S	26221	99	S	26826	102	S	26826	102	S	263
VUE-2-80L-1-50K	26037	99	S	29193	111	S	20514	78	S	27352	104	S	26037	99	S	27089	103	S	27089	103	S	27089	103	S	27615	105	S	263
VUE-2-96L-1-30K	28756	91	S	34128	108	S	21943	70	S	32232	102	S	28440	90	S	30968	98	S	30241	95	S	31916	101	S	-	-	S	316
VUE-2-96L-1-40K	29704	94	S	34444	109	S	23385	74	S	32548	103	S	29705	94	S	31916	101	S	31474	99	S	32232	102	S	32232	102	S	316
VUE-2-96L-1-50K	31284	99	S	35076	111	S	24649	78	S	32864	104	S	31285	99	S	32548	103	S	32548	103	S	32548	103	S	33180	105	S	316
VUE-3-112L-1-30K	33306	91	S	39528	108	S	25621	70	S	37332	102	S	32757	90	S	35868	98	S	34770	95	S	36966	101	S	-	-	S	366
VUE-3-112L-1-40K	34404	94	S	39894	109	S	27085	74	S	37698	103	S	34222	94	S	36966	101	S	36234	99	S	37332	102	S	37332	102	S	366
VUE-3-112L-1-50K	36234	99	S	40626	111	S	28549	78	S	38064	104	S	36235	99	S	37698	103	S	37698	103	S	37698	103	S	38430	105	S	366
VUE-3-128L-1-30K	37219	91	S	44172	108	S	28631	70	S	41718	102	S	36811	90	S	40082	98	S	39060	95	S	41309	101	S	-	-	S	409
VUE-3-128L-1-40K	38446	94	S	44581	109	S	30267	74	S	42127	103	S	38447	94	S	41309	101	S	40491	99	S	41718	102	S	41718	102	S	409
VUE-3-128L-1-50K	40491	99	S	45399	111	S	31903	78	S	42536	104	S	40288	99	S	42127	103	S	41718	102	S	42127	103	S	42945	105	S	409
VUE-3-144L-1-30K	41678	91	S	49464	108	S	32061	70	S	46716	102	S	41222	90	S	44884	98	S	43510	95	S	46258	101	S	-	-	S	458
VUE-3-144L-1-40K	43052	94	S	49922	109	S	33893	74	S	47174	103	S	42825	94	S	46258	101	S	45342	99	S	46716	102	S	46716	102	S	458
VUE-3-144L-1-50K	45342	99	S	50838	111	S	35725	78	S	47632	104	S	45344	99	S	47174	103	S	46716	102	S	47174	103	S	48090	105	S	458
VUE-3-160L-1-30K	45955	91	S	54540	108	S	35351	70	S	51510	102	S	45450	90	S	49490	98	S	47975	95	S	51005	101	S	-	-	S	505
VUE-3-160L-1-40K	47470	94	S	55045	109	S	37370	74	S	52015	103	S	47470	94	S	51005	101	S	50248	99	S	51510	102	S	51510	102	S	505
VUE-3-160L-1-50K	49995	99	S	56055	111	S	39390	78	S	52520	104	S	49996	99	S	52015												

## POPULAR MOUNTING OPTIONS



**Direct Wall Mount**



**Wall Mount (Includes 6" Arm)**



**Trunnion Mount**

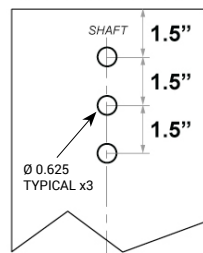


**Knuckle Mount**

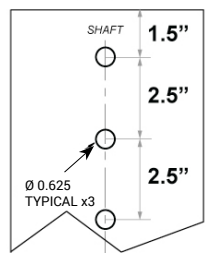


**Direct Pole Mount**

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

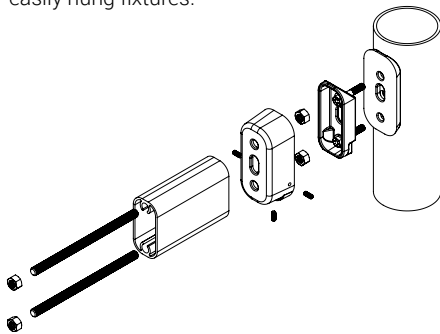


### 2X6 DRILL PATTERN (VUE-3)

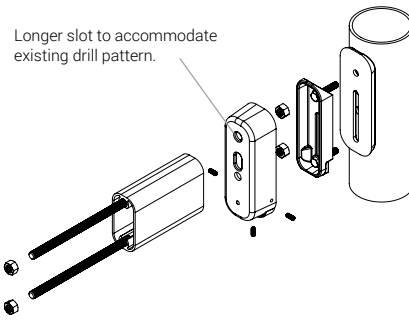


## OPTIONAL

Optional Cast Aluminum Bracket designed for quick mounting on Direct Square or Round Poles. Cleat mounts directly to pole for easily hung fixtures.

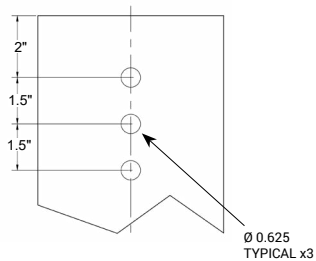


**QUICK MOUNT BRACKET (QMB)  
DIRECT POLE (DP6/DP11)**



**RETROFIT QUICK MOUNT BRACKET (RQMB)**

### DRILL PATTERN



### RQMB DRILL PATTERN

