



LED WATTAGE CHART

	96L	112L	128L	144L	160L	176L	192L	208L	224L	240L	256L
1050 milliamps	316w	366w	409w	458w	505w	551w	594w	662w	711w	760w	809w

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



Project Name:

Type:

VUE-4 TENNIS ORDERING GUIDE

Cat#	Light Dist.	# of LEDs	Milliamps	Kelvin	Volts
VUE-4 (VUE-4)	Type 4 (T4)	208 (208L)	1050 (1)	4000K (40K)	120-277 (UNV)
	Tennis Optic (TT)	224 (224L)		5000K (50K)	347-480 (HV)
		240 (240L)			
		256 (256L)			

Mounting	Color	Controls Options	Options
Direct Pole 6" Arm Single D180 (DPS6) ②	Black (BLK)	Photocell + Receptacle (PCR)	Marine Grade Finish (MGF)
Direct Pole 16" Arm D90, T90, T120, Quad (DPS16) ②	Green (GRN)	Receptacle + Shorting Cap (PER)	Surge Protector (10K)
Tennis Arm Mount (TA)	Hunter Green (HGN)	NEMA 5 Pin Receptacle + Shorting Cap (5PIN)	Quick Mount Bracket (QMB)
Davit Arm Mount (DA)	Custom (CS)	NEMA 7 Pin Receptacle + Shorting Cap (7PIN)	Retrofit Mount Bracket (RQMB)
Knuckle Mount (KM)		Wireless Control System (WCS)	Round Pole Adaptor 3"-4" Pole (RPA4)
		Remote Driver (RD) ③	Round Pole Adaptor 5"-6" Pole (RPA5)
			Front Side Shield (FSS)
			House Side Shield (HSS)
			4 Sided Shield (4SS)

Notes:

- ① See Next Page for Arm Configurations.
- ② For Round Pole Specify RPA4 or RPA5
- ③ RD Kept in Separate Driver Box (see SLC Spec Sheet)



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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°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 internal wiring UL certified for 600 VAC and 105°C
- All drivers, controls, and sensors housed in enclosed IP-65 compartment
- CRI >70
- Color temperatures: 4000K, 5000K

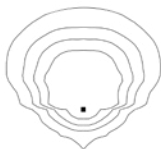
OPTIONS

- **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**
- **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

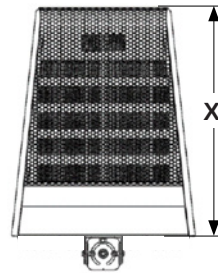
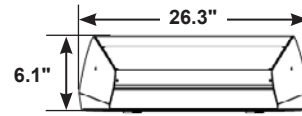


TYPE IV (T4)

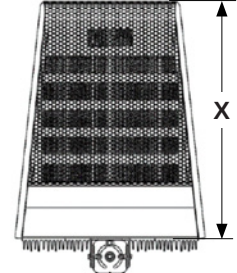


TYPE T (TT)

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

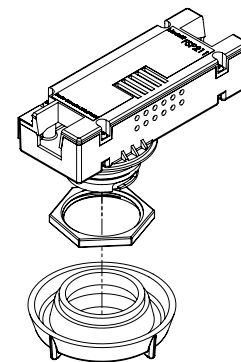
	WEIGHT
VUE-4 with Remote Driver (RD)	47 lbs
VUE-4 with Internal Driver	75 lbs

EPA

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

DPX ARM LENGTH

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.



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PRODUCT SPECIFICATIONS

VUE - LUMEN DATA CHART

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

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	38,000	96,000	93.0%	85.4%	81.8%	68.8%

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

MOUNTING OPTIONS



Knuckle Mount



Tennis Arm

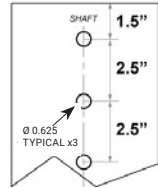


Trunnion Mount

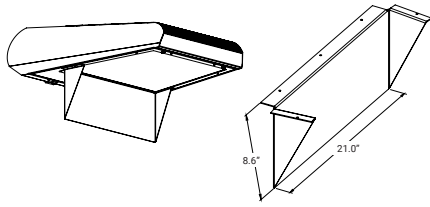


Direct Pole Mount

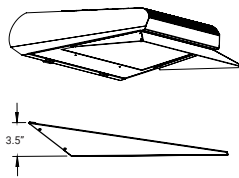
2X6 DRILL PATTERN (VUE-3 & VUE-4)



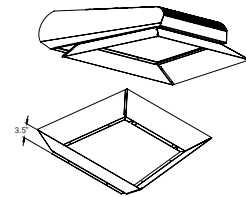
OPTIONAL



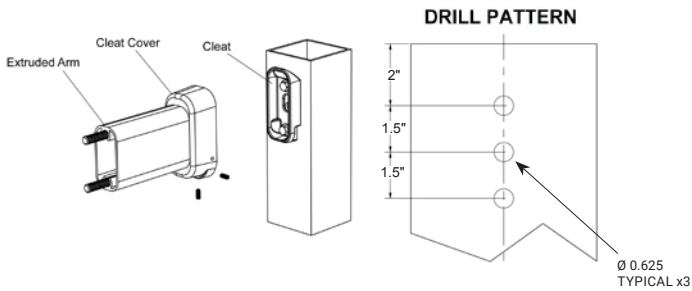
HOUSE SIDE SHIELD (HSS)



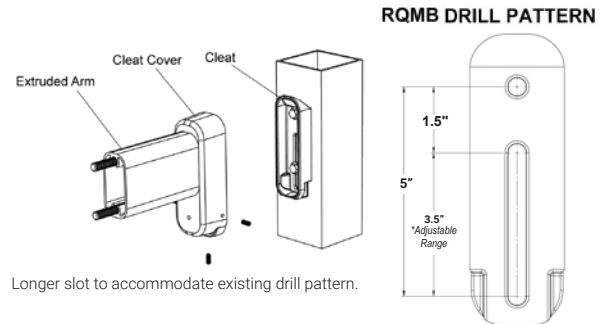
FRONT SIDE SHIELD (FSS)



FOUR SIDE SHIELD (4SS)



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



RETROFIT QUICK MOUNT BRACKET (RQMB)



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