

PROJECT DATA

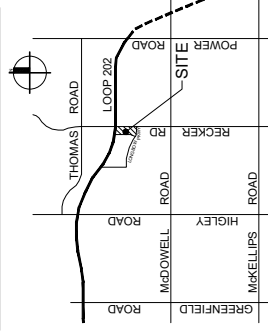
Zoning: LC
 APN#: 141-41-009
 Gross Site Area: 493,348 S.F. (11.3 AC.)
 Phase Site Area: 433,525 S.F. (10.0 AC.)
 Net Site Area: 395,662 S.F. (9.1 AC.)
 Building Footprint: 63,000 S.F.
 Coverage: 16.1%
 Proposed Building Height: 36 feet max.

Parking Required
 Major (30,000 S.F.)
 (General Retail 30,000/375 S.F.) 80 Spaces
 P1 = 4,273 S.F. (Medical/Dental 4,273/200 S.F.) 22 Spaces
 P3 = 5,000 S.F. (Restaurant 5,000/75 S.F.) 67 Spaces
 P2 = 3,300 S.F. (Restaurant 3,300/100 S.F.) 32 Spaces
 Shops A & B = 15,012 S.F. (Restaurant 15,012/375 S.F.) 80 Spaces
 (60% General Retail 9,007/375 S.F.) 24 Spaces
 Shops C = 6,062 S.F. (Restaurant 2,000/75 S.F.) 27 Spaces
 (General Retail 4,062/375 S.F.) 11 Spaces
 Shops A-C, P3 = 4,000 S.F. (Patio Area) 20 Spaces
 (General Retail 4,000/250 S.F.) 363 Spaces
Total Parking Required: 563 Spaces
Maximum Allowed (125% of Req.): 402 Spaces
Parking Provided: 402 Spaces
ADA Parking Required: 8 Spaces
ADA Parking Provided: 18 Spaces
Parking Ratio: 6.4 / 1,000 S.F.

PROJECT TEAM

Developer: Kitchell Development
 1707 E. McDowell Rd., Suite 107
 Phoenix, Arizona 85004
 Contact: Chad Anderson
 Phone: (602) 264-4411
Architect: Butler Design Group, Inc.
 3218 North Recker Road
 Mesa, Arizona 85205
 Contact: Jay Chappini
 Phone: (602) 957-1800

VICINITY MAP



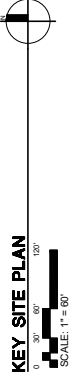
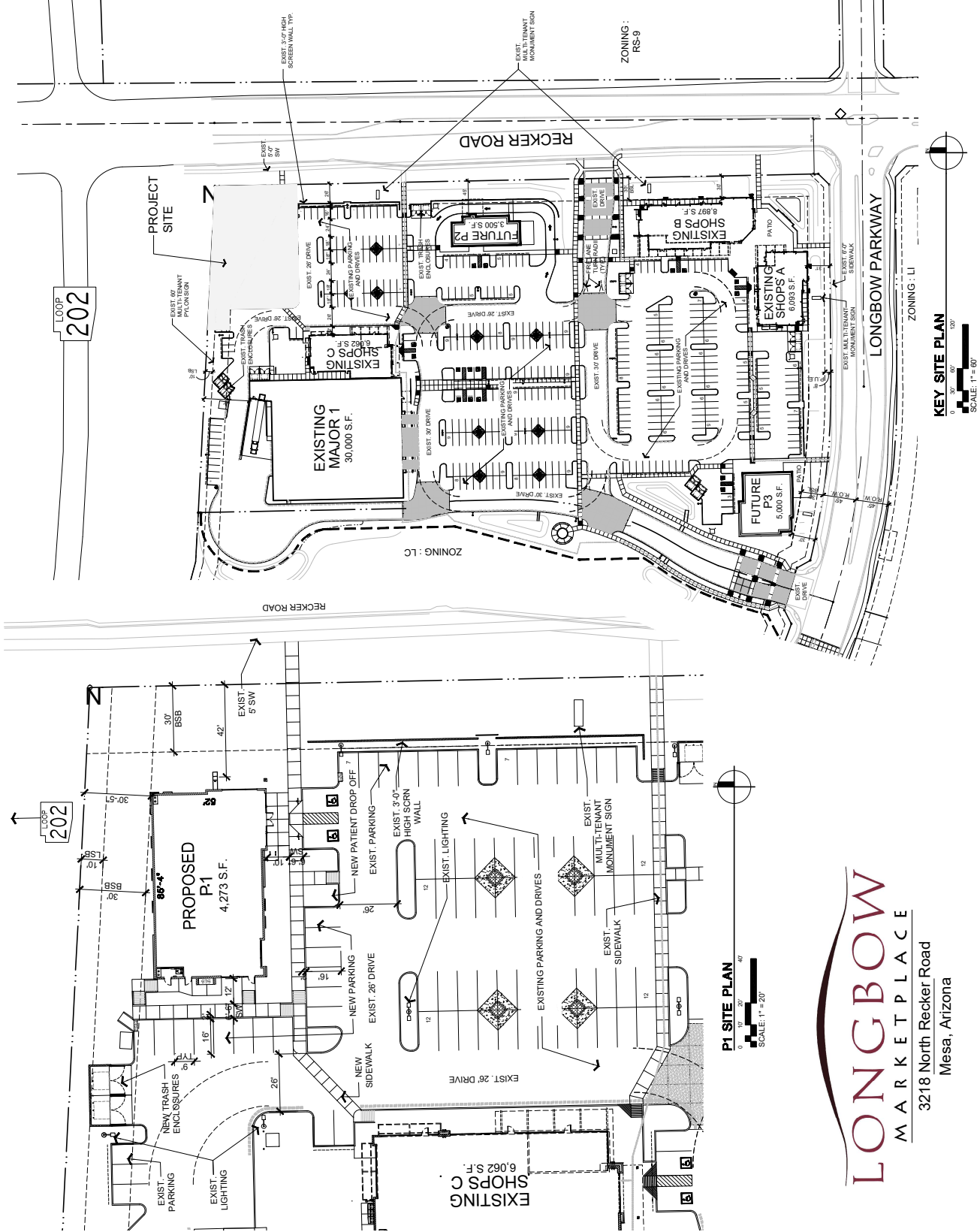
Case Number: PRS17-00505
 2018-01-22
 15069.400 Lease, Site



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 architects & planners



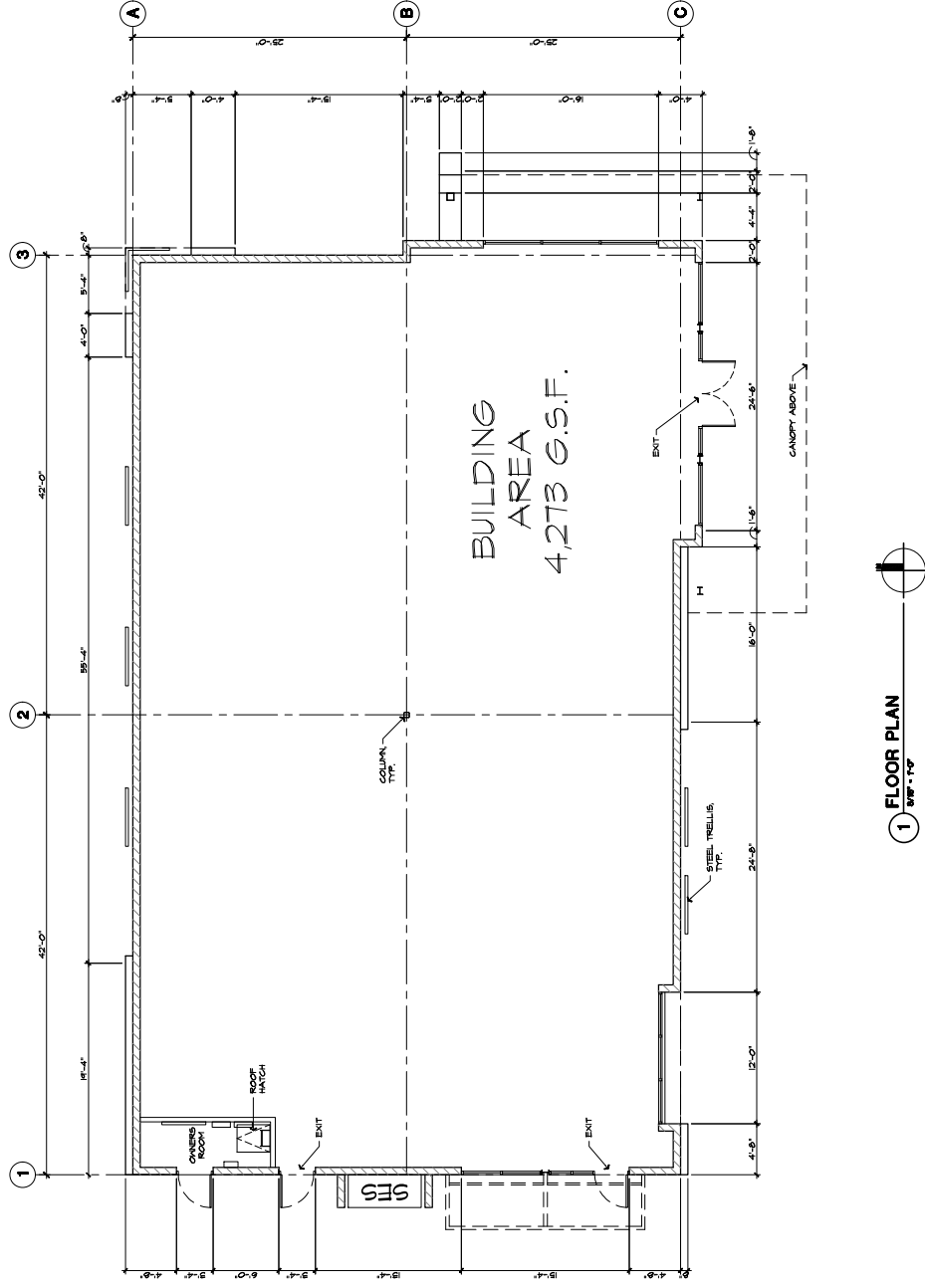
EXPIRES 3/31/2020

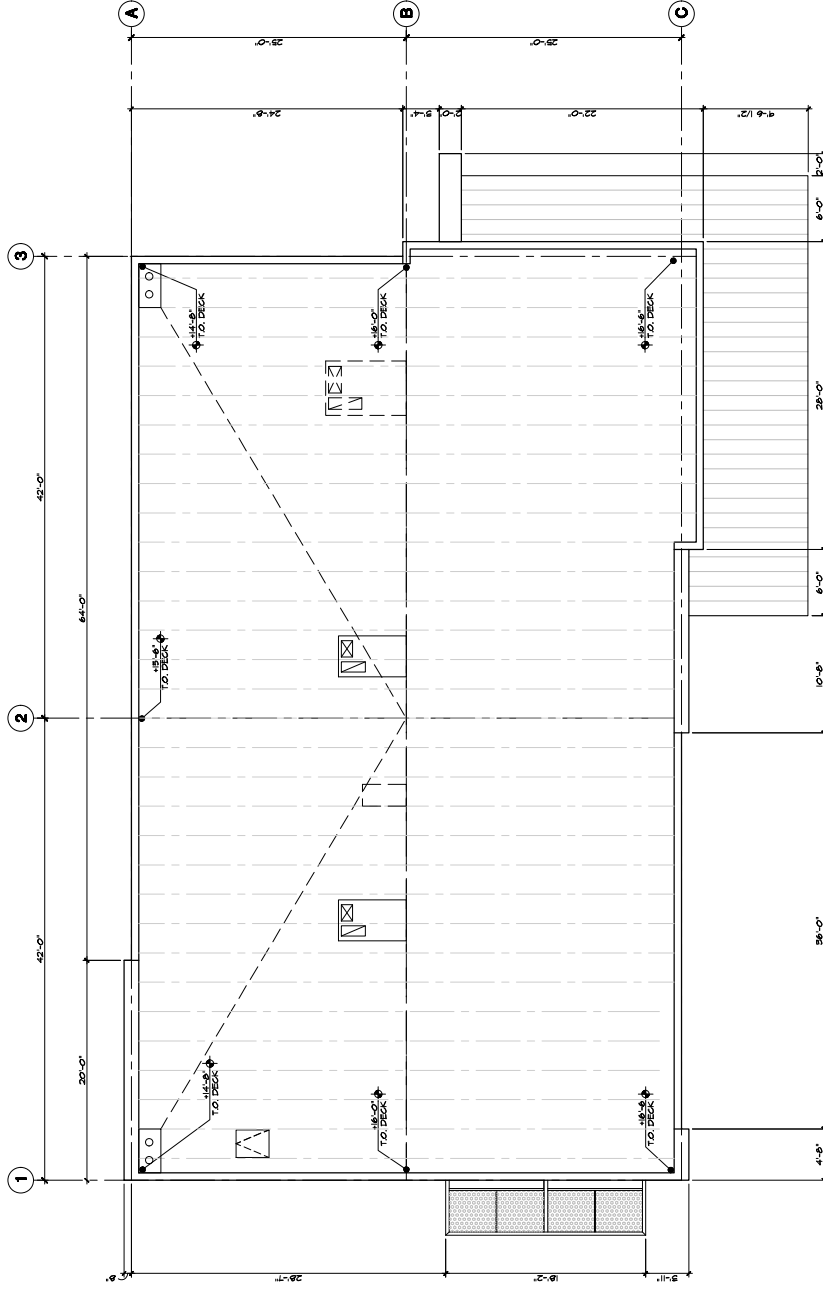


P1 SITE PLAN
 SCALE: 1" = 20'

LONGBOW
MARKETPLACE

3218 North Recker Road
 Mesa, Arizona





1 ROOF PLAN
8/8" = 1'-0"



LONGBOW
MARKETPLACE
3218 North Recker Road
Mesa, Arizona

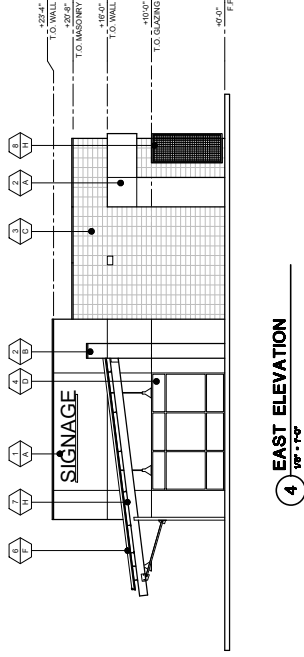
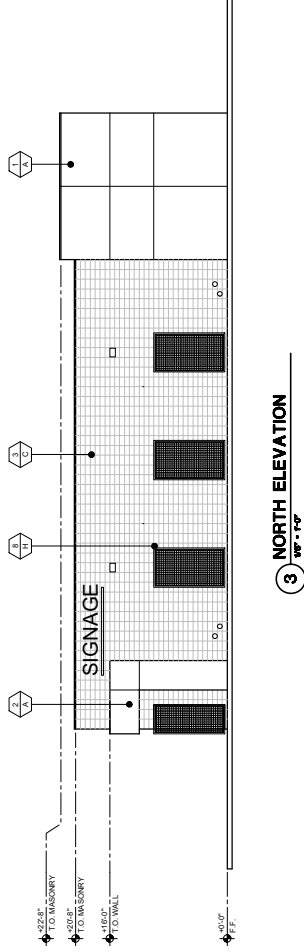
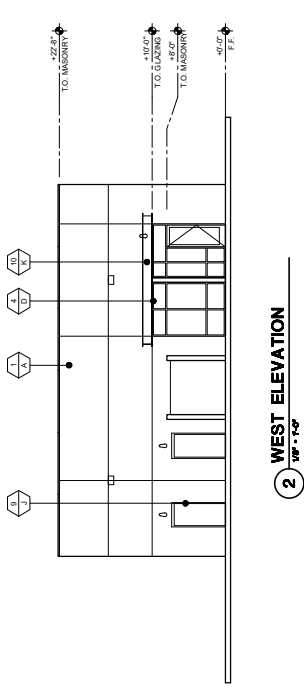
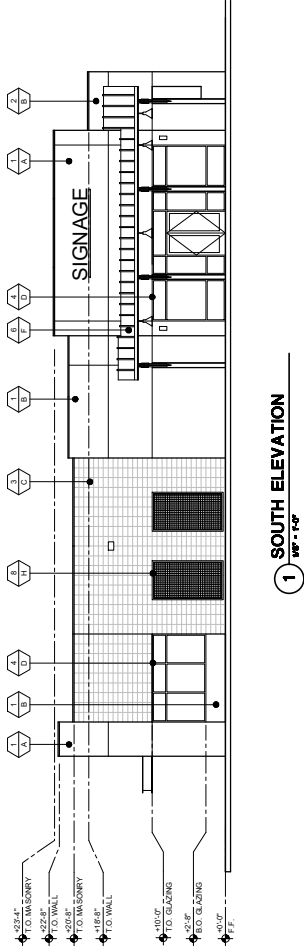


PAD 1

Case Number: PRS17-00065
2018.01.22
16089.000



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COLOR / MATERIAL SCHEDULE				MATERIAL COLOR/FINISH	
SYMBOL	SYMBOL	COLOR NAME	NUMBER	MANUFACTURER	
1	A	MACADAMIA	60 642	SHERWIN WILLIAMS	
2	B	ROYALTY BLIDE	60 2842	SHERWIN WILLIAMS	
3	C	RED ROCK	-	MEBASTONE	
4	D	8TD. DARK BRONZE	AB-1	ARCADIA	
5	E	CLEAR ALUMINUM	AC-1	ARCADIA	
6	F	BOND ACRYLIC	-	WESTERN STATES	
7	G	TIGERWOOD	-	NORTUESHIELD	
8	H	UNFINISHED	-	-	
9	J	PANT TO MATCH	-	-	
10	K	ENCING BRONZE	60 0663	SHERWIN WILLIAMS	



LONG BOW
MARKETPLACE
3218 North Recker Road
Mesa, Arizona

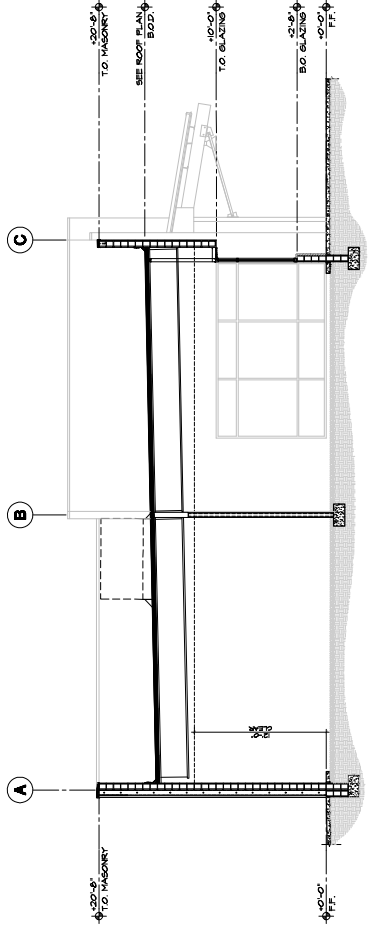


PAD 1

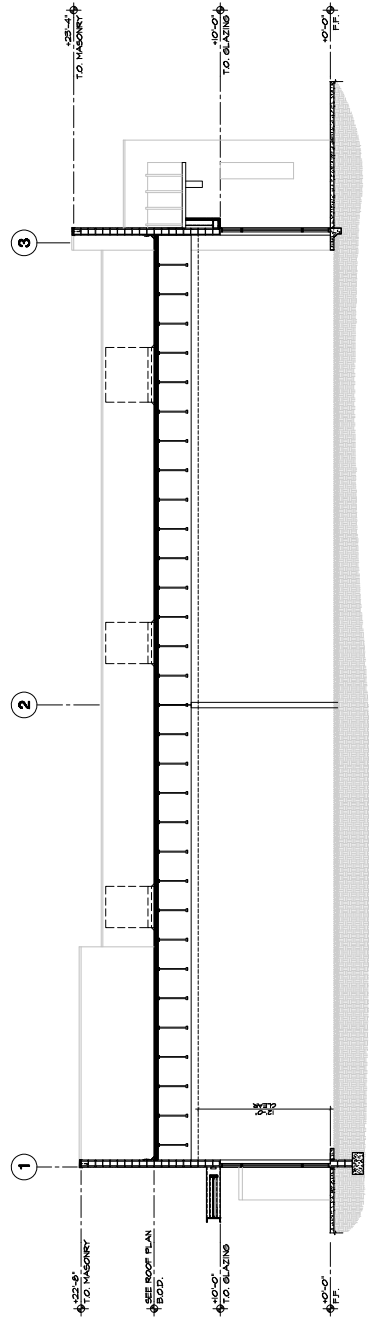
Butler Design Group, Inc.
architects & planners

Case Number: PRS17-00505
2016-01-22
15088-000





1 BUILDING SECTION
1/8" = 1'-0"



2 BUILDING SECTION
1/8" = 1'-0"



LONGBOW
MARKETPLACE
3218 North Recker Road
Mesa, Arizona



PAD 1

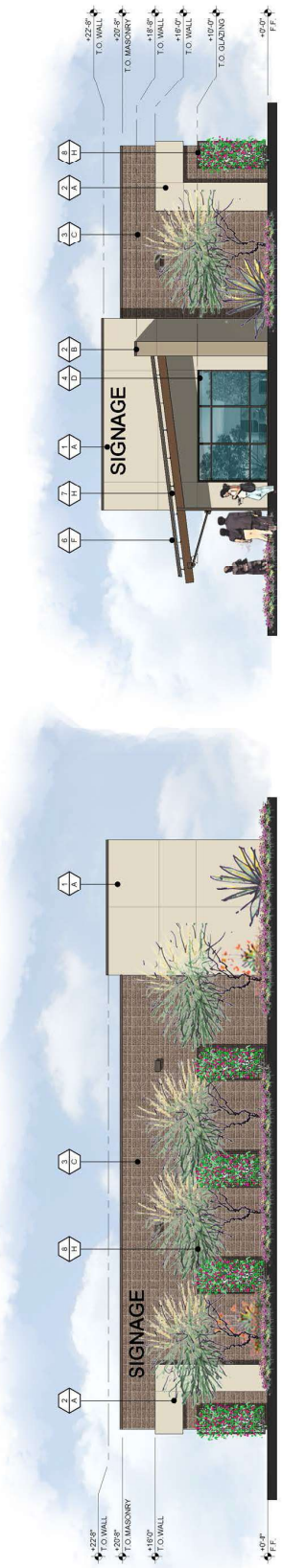
Case Number: PRS17-00585
2/18/2019
100% 400



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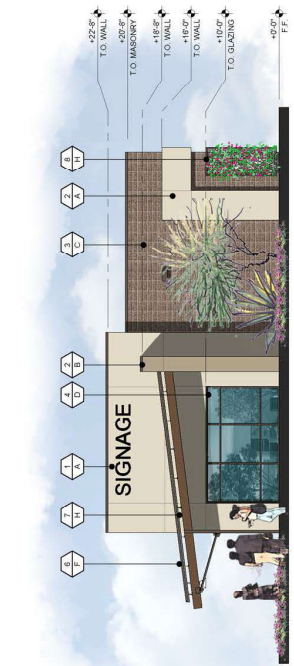
1 SOUTH ELEVATION
18' x 12'



3 NORTH ELEVATION
18' x 12'



2 WEST ELEVATION
18' x 12'



4 EAST ELEVATION
18' x 12'

COLOR / MATERIAL SCHEDULE			COLOR / FINISH		MATERIAL COLOR/FINISH	
SYMBOL	SYMBOL	SYMBOL	COLOR NAME	NUMBER	MANUFACTURER	
1	1	A	MACADAMIA	SU 6142	SHERWIN WILLIAMS	
2	1	B	NOTCROFT BUDE	SU 2842	SHERWIN WILLIAMS	
3	1	C	RED ROCK	-	MESASTONE	
4	1	D	STD. DARK BRONZE	AB-1	ARCADIA	
5	1	E	CLEAR ALUMINUM	AC-1	ARCADIA	
6	1	F	BOND ACRYLIC	-	WESTERN STATES	
7	1	G	TIGERWOOD	-	NOISTURESHIELD	
8	1	H	UNFINISHED	-	-	
9	1	J	PAINT TO MATCH	-	-	
10	1	K	ENJOYING BRONZE	SU7004	SHERWIN WILLIAMS	



LONGBOW
MARKETPLACE
3218 North Recker Road
Mesa, Arizona



PAD 1

Case Number: PRG17-05505
2018.01.22
15089-100



Butler Design Group, Inc.
architects & planners

Wild West Lighting

15550 N. 84th St. Suite 201
Scottsdale, AZ 85260

Phone (480) 368-9909 ~ Fax (480) 368-1030

To:

Submittal

Source Quote:

Entry Date: 8/22/2016

Project: LONGBOW SITE

Original Submittal for Approval
1 Copy of Submittals is Attached

Qty	Type	Mfg	Description
3	P1	NLS Lighting	VUE-1-T5-32L-7-40K-**-*
5	S1A	NLS Lighting	VUE-1-T4-48L-1-40K-**-*
8	S1B	NLS Lighting	VUE-1-T2-48L-1-40K-**-*
3	S1C	NLS Lighting	VUE-1-T2-32L-7-40K-**-*
1	S1D	NLS Lighting	VUE-1-T5-64L-1-55K-**-*
13	S2C	NLS Lighting	VUE-1-T5-64L-1-55K-**-*(2)@180°
2	WM	NLS Lighting	VUE-1-T2-48L-1-40K-**-*
2	WM-1	NLS Lighting	VUE-1-T4-48L-1-40K-**-*

Remarks:

	Description : VUE-1-T5-32L-7-40K-*-** Project Name: Longbow Site Notes:	TYPE: P1
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VUE SERIES

AREA LIGHTING

The Vue Series is a collaboration of form, optics and thermal management. These combined high-quality features reduce energy costs, utilize the least amount of poles and fixtures per project while meeting IES minimum foot candle levels and extend maintenance cycles at a competitive price.

The Vue has specific optical systems designed for Parking Lots, Roadways, Auto Dealerships, Tennis Courts, and Sports Field Lighting. The Vue's patent-pending optical system is called "Star Power." The flexibility and power of the "Star Power" optics enables the Vue to gain a distinct advantage over its competitors for almost any distribution pattern. The system features 95% optical material which goes through a linear diffusion process to stretch the virtual image of the diode both magnifying it and creating a large range of angular flux both horizontally and vertically. This added range increases the width of the light pattern at a greater distance compared to optical systems which rely on refraction principles using plastics. Star Power optics are also the most reliable, other plastic optics will oxidize over time as well as tend to lose its seal while exposed long-term to the elements.

Product Features

The "Vue Series" is the Best Value Outdoor Lighting Solution

- Produces up to 128 lumens per System Watt of controlled illumination.
- Has an End of Life modular efficient chip upgrade solution, which takes less than a minute to perform.
- Has a Beautiful, Sleek and Stealth shape.
- Can be mounted directly on to a Wall, Pole, Mast Arm, or adjustable Knuckle Mount.
- 20 Degree maximum tilt available
- Light Distributions are Types 2, 3, 4, 5 and Tennis Optic.
- Is the Perfect Long Life Solution for any Municipality, School, or Infrastructure.
- The Vue conforms to the strictest Made in the USA standards.
- Designed, Tooled, Fabricated and Assembled in California.






STAR POWER™ OPTICAL SYSTEM

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

LED WATTAGE CHART

	16L	32L	48L	64L	80L	96L	112L	128L	144L	160L	176L	192L
530 milliamps	28w	56w	80w	109w	136w	161w	192w	216w	240w	-	-	-
700 milliamps	36w	71w	104w	136w	168w	200w	221w	300w	349w	335w	365w	396w
1050 milliamps	56w	106w	156w	205w	263w	316w	330w	409w	458w	505w	551w	599w

VUE-1

T5

32L

7

40K

*

*

*

Cat #	Light Dist.	No. of LEDs	Milliamps	Kelvin	Volts	Mounting	Color	Shields	Options
VUE-1 (235W Max) (VUE-1)	Type 2 (T2)	16 (16L) 32 (32L)	530 (53) 700 (7)	3000K (30K) 4000K (40K)	120-277 (UNV) 347-480 (HV)	Direct Pole Square (DPS) Direct Pole Round (DPR) Knuckle Mount (KM) Trunion Mount (TM) Tennis Arm (TA) Mast Arm (MA) Wall Mount *Includes 6" Bolt On Arm (WM) Direct Wall Mount *Includes Wall Plate *VUE-1 Only (DWM)	Bronze (BRZ) White (WHT) Silver (SVR) Black (BLK) Green (GRN) Graphite (GPH) Custom (CS)	House Side Shield (HSS) Front Side Shield (FSS)	Bird Spikes (BS) Marine Grade Finish (MGF) Photocell (PC) *Must specify voltage Photocell + Receptacle (PCR) *Must specify voltage Motion Sensor (MS) Surge Protector (10K) Watt Stopper w/ Motion Sensor (FSP-211) Rotate Optic Right *Size 3 Only (ROR) Rotate Optic Left *Size 3 Only (ROL)
VUE-2 (312W Max) (VUE-2)	Type-3 (T3)	48 (48L)	1050 (1)	5500K (55K)					
VUE-3 (599W Max) (VUE-3)	Type-4 (T4) Type-5 (T5) Tennis Optic (TT)	80 (80L) 96 (96L) 112 (112L) 128 (128L) 144 (144L) 160 (160L) 176 (176L) 192 (192L)							

SPECIFY VOLTS, MOUNTING AND COLOR

	Description : VUE-1-T5-32L-7-40K-*-*-* Project Name: Longbow Site Notes:	TYPE: P1
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PRODUCT SPECIFICATIONS

Housing: Aluminum.
LED: Luxeon M Series by Lumileds
Optics: Optics Type T2, T3, T4, T5 and Tennis (TT)
Watts: 28-599 Watts
L70: 96,000 to 161,000

UL: UL 1598 Listed 
Driver: Dimming driver as standard by Advance or ULT
Kelvin: 4000, or 5500
Finish: 5 Millimeters Powder Coat
Warranty: Standard Warranty is 5 years for Driver and LEDs

PRODUCT DIMENSIONS

VUE 1 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT Optic	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-1-32L-700-4000K	8094	114	8023	113	8236	116	7825	110	8236	116	142,000	71
VUE-1-32L-700-5500K	8568	121	8496	120	8856	125	8461	119	8712	123	142,000	71
VUE-1-32L-1050-4000K	10545	99	10434	98	10878	103	10001	94	10656	101	148,000	106
VUE-1-32L-1050-5500K	11200	106	11088	105	11536	109	10756	101	11312	107	148,000	106
VUE-1-48L-700-4000K	12198	117	12091	116	12626	121	11213	108	12412	119	143,000	104
VUE-1-48L-700-5500K	12971	125	12862	124	13407	129	12156	117	13189	127	143,000	104
VUE-1-48L-1050-4000K	15675	100	15510	99	16170	104	14901	96	15840	102	153,000	156
VUE-1-48L-1050-5500K	16700	107	16533	106	17201	110	15792	101	16867	108	153,000	156
VUE-1-64L-700-4000K	15860	117	15680	115	16472	121	14200	104	16472	121	145,000	136
VUE-1-64L-700-5500K	16950	125	16200	119	17712	130	15840	116	17424	128	145,000	136
VUE-1-64L-1050-4000K	22135	108	21902	107	22834	111	20038	98	22368	109	156,000	205
VUE-1-64L-1050-5500K	23500	115	23265	113	24205	118	21385	104	23735	116	156,000	205

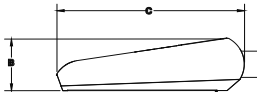
VUE 2 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT OPTIC	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-2-80L-700-4000K	18939	113	18762	112	19293	115	16992	101	18762	112	149,000	168
VUE-2-80L-700-5500K	20048	119	19690	117	20585	123	18974	113	20585	123	149,000	168
VUE-2-80L-1050-4000K	24653	94	24376	93	25207	96	22991	87	23822	91	153,000	263
VUE-2-80L-1050-5500K	26226	100	25668	98	26784	102	24552	93	26505	101	153,000	263
VUE-2-96L-700-4000K	23002	115	22568	113	23653	118	20832	104	22568	113	151,000	200
VUE-2-96L-700-5500K	24416	122	23980	120	25070	125	23108	116	24852	124	151,000	200
VUE-2-96L-1050-4000K	30438	96	30096	95	31122	98	28386	90	29412	93	157,000	316
VUE-2-96L-1050-5500K	32430	103	31740	100	33120	105	30360	96	32775	104	157,000	316
VUE-2-112L-700-4000K	26322	119	26076	118	26814	121	23616	107	26568	120	152,000	221
VUE-2-112L-700-5500K	27888	126	27390	124	28635	130	26394	119	28386	128	152,000	221
VUE-2-128L-700-4000K	30210	101	29640	99	31065	104	27360	91	30780	103	152,000	300
VUE-2-128L-700-5500K	32144	107	31570	105	33005	110	30422	101	32718	109	152,000	300
VUE-2-144L-700-4000K	34344	98	33696	97	35316	101	31104	89	34992	100	153,000	349
VUE-2-144L-700-5500K	36512	105	35860	103	37490	107	34556	99	37164	106	153,000	349

VUE 3 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT OPTIC	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-3-112L-1050-4000K	32508	99	31734	96	33282	101	30186	91	32895	100	161,000	330
VUE-3-112L-1050-5500K	34320	104	33930	103	35100	106	31980	97	34710	105	161,000	330
VUE-3-128L-1050-4000K	35998	88	35998	88	37754	92	34681	85	37315	91	150,000	409
VUE-3-128L-1050-5500K	38808	95	38367	94	39690	97	37044	91	39249	96	150,000	409
VUE-3-144L-1050-4000K	40754	89	40754	89	42742	93	38766	85	42245	92	138,000	458
VUE-3-144L-1050-5500K	43912	96	43413	95	44910	98	40918	89	44411	97	138,000	458
VUE-3-160L-700-4000K	35838	107	35476	106	37286	111	32580	97	36924	110	150,000	335
VUE-3-160L-700-5500K	38220	114	37856	113	39312	117	36036	108	38948	116	150,000	335
VUE-3-160L-1050-4000K	44690	88	44690	88	46870	93	42510	84	46325	92	123,000	505
VUE-3-160L-1050-5500K	48224	95	47676	94	49320	98	44936	89	48772	97	123,000	505
VUE-3-176L-700-4000K	38412	105	38024	104	39964	109	34920	96	39576	108	152,000	365
VUE-3-176L-700-5500K	40950	112	40560	111	42120	115	38610	106	41730	114	152,000	365
VUE-3-176L-1050-4000K	49118	89	49118	89	50915	92	47321	86	50316	91	105,000	551
VUE-3-176L-1050-5500K	52888	96	52287	95	54090	98	49282	89	53489	97	105,000	551
VUE-3-192L-700-4000K	41976	106	41552	105	43672	110	38160	96	43248	109	153,000	396
VUE-3-192L-700-5500K	44730	113	44304	112	46008	116	42174	107	45582	115	153,000	396
VUE-3-192L-1050-4000K	53792	90	53136	89	55760	93	51168	85	55104	92	96,000	599
VUE-3-192L-1050-5500K	57333	96	57333	96	59310	99	54038	90	58651	98	96,000	599

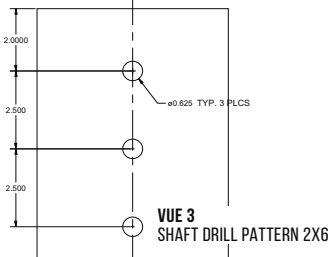
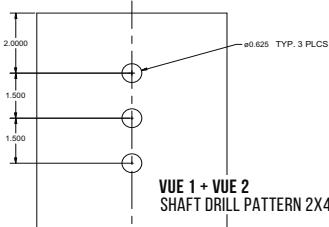


DesignLights Consortium (DLC) qualified Product. Some configurations of this product family may not be DesignLights Consortium (DLC) listed, please refer to the DLC qualified products list to confirm listed configurations. <http://www.designlights.org>

DIMENSION	VUE-1	VUE-2	VUE-3
A	16.99 in	21.56 in	26.17 in
B	6.38 in	8.00 in	8.36 in
C	21.48 in	27.06 in	32.94 in
Weight	27 lbs.	34 lbs.	62 lbs.



EPA	VUE-1	VUE-2	VUE-3
Single	.72	1.16	1.42
Double	1.44	2.32	2.86
Triple	2.24	2.5	4.78
Quad	2.6	3.6	4.88



19500 S. Rancho Way Ste. 105, Rancho Dominguez CA 90220
Call Us Today 310-341-2037

nslighting.com

	Description : VUE-1-T4-48L-1-40K-*-** Project Name: Longbow Site Notes:	TYPE: S1A
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VUE SERIES

AREA LIGHTING

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VUE-1

T4

48L

1

40K

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*

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VUE-2 (312W Max) (VUE-2)	Type-3 (T3)	48 (48L) 64 (64L)	1050 (1)	5500K (55K)		Knuckle Mount (KM)	Silver (SVR)		Photocell (PC) *Must specify voltage
VUE-3 (599W Max) (VUE-3)	Type-4 (T4)	80 (80L) 96 (96L)				Trunion Mount (TM)	Black (BLK)		Photocell + Receptacle (PCR) *Must specify voltage
	Type-5 (T5)	112 (112L) 128 (128L)				Tennis Arm (TA) Mast Arm (MA)	Green (GRN)		Motion Sensor (MS) Surge Protector (10K)
	Tennis Optic (TT)	144 (144L) 160 (160L) 176 (176L) 192 (192L)				Wall Mount *Includes 6" Bolt On Arm (WM) Direct Wall Mount *Includes Wall Plate *VUE-1 Only (DWM)	Graphite (GPH) Custom (CS)		Watt Stopper w/ Motion Sensor (FSP-211) Rotate Optic Right *Size 3 Only (ROR) Rotate Optic Left *Size 3 Only (ROL)

SPECIFY VOLTS, MOUNTING AND COLOR

	Description : VUE-1-T4-48L-1-40K-*-*-* Project Name: Longbow Site Notes:	TYPE: S1A
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PRODUCT SPECIFICATIONS

Housing: Aluminum.	UL: UL 1598 Listed 
LED: Luxeon M Series by Lumileds	Driver: Dimming driver as standard by Advance or ULT
Optics: Optics Type T2, T3, T4, T5 and Tennis (TT)	Kelvin: 4000, or 5500
Watts: 28-599 Watts	Finish: 5 Millimeters Powder Coat
L70: 96,000 to 161,000	Warranty: Standard Warranty is 5 years for Driver and LEDs

PRODUCT DIMENSIONS

VUE 1 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT Optic	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-1-32L-700-4000K	8094	114	8023	113	8236	116	7825	110	8236	116	142,000	71
VUE-1-32L-700-5500K	8568	121	8496	120	8856	125	8461	119	8712	123	142,000	71
VUE-1-32L-1050-4000K	10545	99	10434	98	10878	103	10001	94	10656	101	148,000	106
VUE-1-32L-1050-5500K	11200	106	11088	105	11536	109	10756	101	11312	107	148,000	106
VUE-1-48L-700-4000K	12198	117	12091	116	12626	121	11213	108	12412	119	143,000	104
VUE-1-48L-700-5500K	12971	125	12862	124	13407	129	12156	117	13189	127	143,000	104
VUE-1-48L-1050-4000K	15675	100	15510	99	16170	104	14901	96	15840	102	153,000	156
VUE-1-48L-1050-5500K	16700	107	16533	106	17201	110	15792	101	16867	108	153,000	156
VUE-1-64L-700-4000K	15860	117	15680	115	16472	121	14200	104	16472	121	145,000	136
VUE-1-64L-700-5500K	16950	125	16200	119	17712	130	15840	116	17424	128	145,000	136
VUE-1-64L-1050-4000K	22135	108	21902	107	22834	111	20038	98	22368	109	156,000	205
VUE-1-64L-1050-5500K	23500	115	23265	113	24205	118	21385	104	23735	116	156,000	205

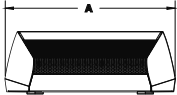
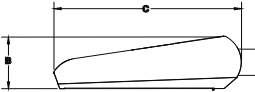
VUE 2 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT OPTIC	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-2-80L-700-4000K	18939	113	18762	112	19293	115	16992	101	18762	112	149,000	168
VUE-2-80L-700-5500K	20048	119	19690	117	20585	123	18974	113	20585	123	149,000	168
VUE-2-80L-1050-4000K	24653	94	24376	93	25207	96	22991	87	23822	91	153,000	263
VUE-2-80L-1050-5500K	26226	100	25668	98	26784	102	24552	93	26505	101	153,000	263
VUE-2-96L-700-4000K	23002	115	22568	113	23653	118	20832	104	22568	113	151,000	200
VUE-2-96L-700-5500K	24416	122	23980	120	25070	125	23108	116	24852	124	151,000	200
VUE-2-96L-1050-4000K	30438	96	30096	95	31122	98	28386	90	29412	93	157,000	316
VUE-2-96L-1050-5500K	32430	103	31740	100	33120	105	30360	96	32775	104	157,000	316
VUE-2-112L-700-4000K	26322	119	26076	118	26814	121	23616	107	26568	120	152,000	221
VUE-2-112L-700-5500K	27888	126	27390	124	28635	130	26394	119	28386	128	152,000	221
VUE-2-128L-700-4000K	30210	101	29640	99	31065	104	27360	91	30780	103	152,000	300
VUE-2-128L-700-5500K	32144	107	31570	105	33005	110	30422	101	32718	109	152,000	300
VUE-2-144L-700-4000K	34344	98	33696	97	35316	101	31104	89	34992	100	153,000	349
VUE-2-144L-700-5500K	36512	105	35860	103	37490	107	34556	99	37164	106	153,000	349

VUE 3 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT OPTIC	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-3-112L-1050-4000K	32508	99	31734	96	33282	101	30186	91	32895	100	161,000	330
VUE-3-112L-1050-5500K	34320	104	33930	103	35100	106	31980	97	34710	105	161,000	330
VUE-3-128L-1050-4000K	35998	88	35998	88	37754	92	34681	85	37315	91	150,000	409
VUE-3-128L-1050-5500K	38808	95	38367	94	39690	97	37044	91	39249	96	150,000	409
VUE-3-144L-1050-4000K	40754	89	40754	89	42742	93	38766	85	42245	92	138,000	458
VUE-3-144L-1050-5500K	43912	96	43413	95	44910	98	40918	89	44411	97	138,000	458
VUE-3-160L-700-4000K	35838	107	35476	106	37286	111	32580	97	36924	110	150,000	335
VUE-3-160L-700-5500K	38220	114	37856	113	39312	117	36036	108	38948	116	150,000	335
VUE-3-160L-1050-4000K	44690	88	44690	88	46870	93	42510	84	46325	92	123,000	505
VUE-3-160L-1050-5500K	48224	95	47676	94	49320	98	44936	89	48772	97	123,000	505
VUE-3-176L-700-4000K	38412	105	38024	104	39964	109	34920	96	39576	108	152,000	365
VUE-3-176L-700-5500K	40950	112	40560	111	42120	115	38610	106	41730	114	152,000	365
VUE-3-176L-1050-4000K	49118	89	49118	89	50915	92	47321	86	50316	91	105,000	551
VUE-3-176L-1050-5500K	52888	96	52287	95	54090	98	49282	89	53489	97	105,000	551
VUE-3-192L-700-4000K	41976	106	41552	105	43672	110	38160	96	43248	109	153,000	396
VUE-3-192L-700-5500K	44730	113	44304	112	46008	116	42174	107	45582	115	153,000	396
VUE-3-192L-1050-4000K	53792	90	53136	89	55760	93	51168	85	55104	92	96,000	599
VUE-3-192L-1050-5500K	57333	96	57333	96	59310	99	54038	90	58651	98	96,000	599

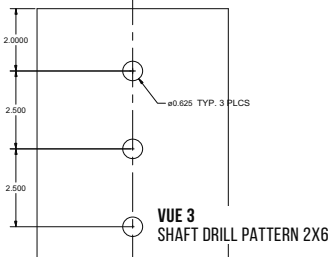
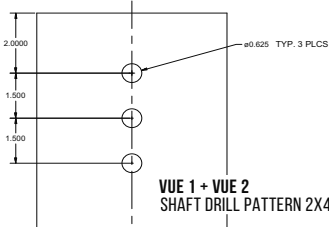


DesignLights Consortium (DLC) qualified Product. Some configurations of this product family may not be DesignLights Consortium (DLC) listed, please refer to the DLC qualified products list to confirm listed configurations. <http://www.designlights.org>

DIMENSION	VUE-1	VUE-2	VUE-3
A	16.99 in	21.56 in	26.17 in
B	6.38 in	8.00 in	8.36 in
C	21.48 in	27.06 in	32.94 in
Weight	27 lbs.	34 lbs.	62 lbs.



EPA	VUE-1	VUE-2	VUE-3
Single	.72	1.16	1.42
Double	1.44	2.32	2.86
Triple	2.24	2.5	4.78
Quad	2.6	3.6	4.88



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	Description : VUE-1-T2-48L-1-40K-*-** Project Name: Longbow Site Notes:	TYPE: S1B
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VUE SERIES

AREA LIGHTING

The Vue Series is a collaboration of form, optics and thermal management. These combined high-quality features reduce energy costs, utilize the least amount of poles and fixtures per project while meeting IES minimum foot candle levels and extend maintenance cycles at a competitive price.

The Vue has specific optical systems designed for Parking Lots, Roadways, Auto Dealerships, Tennis Courts, and Sports Field Lighting. The Vue's patent-pending optical system is called "Star Power." The flexibility and power of the "Star Power" optics enables the Vue to gain a distinct advantage over its competitors for almost any distribution pattern. The system features 95% optical material which goes through a linear diffusion process to stretch the virtual image of the diode both magnifying it and creating a large range of angular flux both horizontally and vertically. This added range increases the width of the light pattern at a greater distance compared to optical systems which rely on refraction principles using plastics. Star Power optics are also the most reliable, other plastic optics will oxidize over time as well as tend to lose its seal while exposed long-term to the elements.

Product Features

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- Produces up to 128 lumens per System Watt of controlled illumination.
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- Has a Beautiful, Sleek and Stealth shape.
- Can be mounted directly on to a Wall, Pole, Mast Arm, or adjustable Knuckle Mount.
- 20 Degree maximum tilt available
- Light Distributions are Types 2, 3, 4, 5 and Tennis Optic.
- Is the Perfect Long Life Solution for any Municipality, School, or Infrastructure.
- The Vue conforms to the strictest Made in the USA standards.
- Designed, Tooled, Fabricated and Assembled in California.



STAR POWER™ OPTICAL SYSTEM

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

LED WATTAGE CHART

	16L	32L	48L	64L	80L	96L	112L	128L	144L	160L	176L	192L
530 milliamps	28w	56w	80w	109w	136w	161w	192w	216w	240w	-	-	-
700 milliamps	36w	71w	104w	136w	168w	200w	221w	300w	349w	335w	365w	396w
1050 milliamps	56w	106w	156w	205w	263w	316w	330w	409w	458w	505w	551w	599w

VUE-1 T2 48L 1 40K * * *

Cat #	Light Dist.	No. of LEDs	Milliamps	Kelvin	Volts	Mounting	Color	Shields	Options
VUE-1 (235W Max) (VUE-1)	Type 2 (T2)	16 (16L) 32 (32L)	530 (53)	3000K (30K)	120-277 (UNV)	Direct Pole Square (DPS)	Bronze (BRZ)	House Side Shield (HSS)	Bird Spikes (BS)
VUE-2 (312W Max) (VUE-2)	Type-3 (T3)	48 (48L)	700 (7)	4000K (40K)	347-480 (HV)	Direct Pole Round (DPR)	White (WHT)	Front Side Shield (FSS)	Marine Grade Finish (MGF)
VUE-3 (599W Max) (VUE-3)	Type-4 (T4)	64 (64L)	1050 (1)	5500K (55K)		Knuckle Mount (KM)	Silver (SVR)		Photocell (PC) *Must specify voltage
	Type-5 (T5)	80 (80L)				Trunion Mount (TM)	Black (BLK)		Photocell + Receptacle (PCR) *Must specify voltage
	Tennis Optic (TT)	96 (96L)				Tennis Arm (TA)	Green (GRN)		Motion Sensor (MS)
		112 (112L)				Mast Arm (MA)			Surge Protector (10K)
		128 (128L)				Wall Mount *Includes 6" Bolt On Arm (WM)	Graphite (GPH)		Watt Stopper w/ Motion Sensor (FSP-211)
		144 (144L)				Direct Wall Mount *Includes Wall Plate *VUE-1 Only (DWM)	Custom (CS)		Rotate Optic Right *Size 3 Only (ROR)
		160 (160L)							Rotate Optic Left *Size 3 Only (ROL)
		176 (176L)							
		192 (192L)							

SPECIFY VOLTS, MOUNTING AND COLOR

	Description : VUE-1-T2-48L-1-40K-*-*-* Project Name: Longbow Site Notes:	TYPE: S1B
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PRODUCT SPECIFICATIONS

Housing: Aluminum.
LED: Luxeon M Series by Lumileds
Optics: Optics Type T2, T3, T4, T5 and Tennis (TT)
Watts: 28-599 Watts
L70: 96,000 to 161,000

UL: UL 1598 Listed 
Driver: Dimming driver as standard by Advance or ULT
Kelvin: 4000, or 5500
Finish: 5 Millimeters Powder Coat
Warranty: Standard Warranty is 5 years for Driver and LEDs

PRODUCT DIMENSIONS

VUE 1 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT Optic	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-1-32L-700-4000K	8094	114	8023	113	8236	116	7825	110	8236	116	142,000	71
VUE-1-32L-700-5500K	8568	121	8496	120	8856	125	8461	119	8712	123	142,000	71
VUE-1-32L-1050-4000K	10545	99	10434	98	10878	103	10001	94	10656	101	148,000	106
VUE-1-32L-1050-5500K	11200	106	11088	105	11536	109	10756	101	11312	107	148,000	106
VUE-1-48L-700-4000K	12198	117	12091	116	12626	121	11213	108	12412	119	143,000	104
VUE-1-48L-700-5500K	12971	125	12862	124	13407	129	12156	117	13189	127	143,000	104
VUE-1-48L-1050-4000K	15675	100	15510	99	16170	104	14901	96	15840	102	153,000	156
VUE-1-48L-1050-5500K	16700	107	16533	106	17201	110	15792	101	16867	108	153,000	156
VUE-1-64L-700-4000K	15860	117	15680	115	16472	121	14200	104	16472	121	145,000	136
VUE-1-64L-700-5500K	16950	125	16200	119	17712	130	15840	116	17424	128	145,000	136
VUE-1-64L-1050-4000K	22135	108	21902	107	22834	111	20038	98	22368	109	156,000	205
VUE-1-64L-1050-5500K	23500	115	23265	113	24205	118	21385	104	23735	116	156,000	205

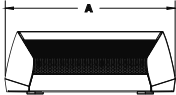
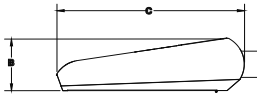
VUE 2 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT OPTIC	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-2-80L-700-4000K	18939	113	18762	112	19293	115	16992	101	18762	112	149,000	168
VUE-2-80L-700-5500K	20048	119	19690	117	20585	123	18974	113	20585	123	149,000	168
VUE-2-80L-1050-4000K	24653	94	24376	93	25207	96	22991	87	23822	91	153,000	263
VUE-2-80L-1050-5500K	26226	100	25668	98	26784	102	24552	93	26505	101	153,000	263
VUE-2-96L-700-4000K	23002	115	22568	113	23653	118	20832	104	22568	113	151,000	200
VUE-2-96L-700-5500K	24416	122	23980	120	25070	125	23108	116	24852	124	151,000	200
VUE-2-96L-1050-4000K	30438	96	30096	95	31122	98	28386	90	29412	93	157,000	316
VUE-2-96L-1050-5500K	32430	103	31740	100	33120	105	30360	96	32775	104	157,000	316
VUE-2-112L-700-4000K	26322	119	26076	118	26814	121	23616	107	26568	120	152,000	221
VUE-2-112L-700-5500K	27888	126	27390	124	28635	130	26394	119	28386	128	152,000	221
VUE-2-128L-700-4000K	30210	101	29640	99	31065	104	27360	91	30780	103	152,000	300
VUE-2-128L-700-5500K	32144	107	31570	105	33005	110	30422	101	32718	109	152,000	300
VUE-2-144L-700-4000K	34344	98	33696	97	35316	101	31104	89	34992	100	153,000	349
VUE-2-144L-700-5500K	36512	105	35860	103	37490	107	34556	99	37164	106	153,000	349

VUE 3 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT OPTIC	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-3-112L-1050-4000K	32508	99	31734	96	33282	101	30186	91	32895	100	161,000	330
VUE-3-112L-1050-5500K	34320	104	33930	103	35100	106	31980	97	34710	105	161,000	330
VUE-3-128L-1050-4000K	35998	88	35998	88	37754	92	34681	85	37315	91	150,000	409
VUE-3-128L-1050-5500K	38808	95	38367	94	39690	97	37044	91	39249	96	150,000	409
VUE-3-144L-1050-4000K	40754	89	40754	89	42742	93	38766	85	42245	92	138,000	458
VUE-3-144L-1050-5500K	43912	96	43413	95	44910	98	40918	89	44411	97	138,000	458
VUE-3-160L-700-4000K	35838	107	35476	106	37286	111	32580	97	36924	110	150,000	335
VUE-3-160L-700-5500K	38220	114	37856	113	39312	117	36036	108	38948	116	150,000	335
VUE-3-160L-1050-4000K	44690	88	44690	88	46870	93	42510	84	46325	92	123,000	505
VUE-3-160L-1050-5500K	48224	95	47676	94	49320	98	44936	89	48772	97	123,000	505
VUE-3-176L-700-4000K	38412	105	38024	104	39964	109	34920	96	39576	108	152,000	365
VUE-3-176L-700-5500K	40950	112	40560	111	42120	115	38610	106	41730	114	152,000	365
VUE-3-176L-1050-4000K	49118	89	49118	89	50915	92	47321	86	50316	91	105,000	551
VUE-3-176L-1050-5500K	52888	96	52287	95	54090	98	49282	89	53489	97	105,000	551
VUE-3-192L-700-4000K	41976	106	41552	105	43672	110	38160	96	43248	109	153,000	396
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VUE-3-192L-1050-4000K	53792	90	53136	89	55760	93	51168	85	55104	92	96,000	599
VUE-3-192L-1050-5500K	57333	96	57333	96	59310	99	54038	90	58651	98	96,000	599

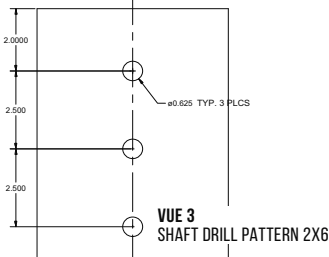
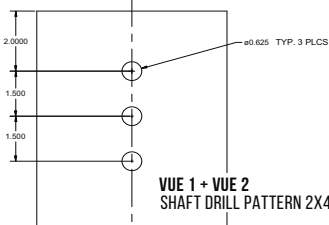


DesignLights Consortium (DLC) qualified Product. Some configurations of this product family may not be DesignLights Consortium (DLC) listed, please refer to the DLC qualified products list to confirm listed configurations. <http://www.designlights.org>

DIMENSION	VUE-1	VUE-2	VUE-3
A	16.99 in	21.56 in	26.17 in
B	6.38 in	8.00 in	8.36 in
C	21.48 in	27.06 in	32.94 in
Weight	27 lbs.	34 lbs.	62 lbs.



EPA	VUE-1	VUE-2	VUE-3
Single	.72	1.16	1.42
Double	1.44	2.32	2.86
Triple	2.24	2.5	4.78
Quad	2.6	3.6	4.88



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	Description : VUE-1-T2-32L-7-40K-*-** Project Name: Longbow Site Notes:	TYPE: S1C
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VUE SERIES

AREA LIGHTING

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- 20 Degree maximum tilt available
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STAR POWER™ OPTICAL SYSTEM

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LED WATTAGE CHART

	16L	32L	48L	64L	80L	96L	112L	128L	144L	160L	176L	192L
530 milliamps	28w	56w	80w	109w	136w	161w	192w	216w	240w	-	-	-
700 milliamps	36w	71w	104w	136w	168w	200w	221w	300w	349w	335w	365w	396w
1050 milliamps	56w	106w	156w	205w	263w	316w	330w	409w	458w	505w	551w	599w

VUE-1

T2

32L

7

40K

*

*

*

Cat #	Light Dist.	No. of LEDs	Milliamps	Kelvin	Volts	Mounting	Color	Shields	Options
VUE-1 (235W Max) (VUE-1)	Type 2 (T2)	16 (16L) 32 (32L)	530 (53) 700 (7)	3000K (30K) 4000K (40K)	120-277 (UNV) 347-480 (HV)	Direct Pole Square (DPS) Direct Pole Round (DPR) Knuckle Mount (KM) Trunion Mount (TM) Tennis Arm (TA) Mast Arm (MA) Wall Mount *Includes 6" Bolt On Arm (WM) Direct Wall Mount *Includes Wall Plate *VUE-1 Only (DWM)	Bronze (BRZ) White (WHT) Silver (SVR) Black (BLK) Green (GRN) Graphite (GPH) Custom (CS)	House Side Shield (HSS) Front Side Shield (FSS)	Bird Spikes (BS) Marine Grade Finish (MGF) Photocell (PC) *Must specify voltage Photocell + Receptacle (PCR) *Must specify voltage Motion Sensor (MS) Surge Protector (10K) Watt Stopper w/ Motion Sensor (FSP-211) Rotate Optic Right *Size 3 Only (ROR) Rotate Optic Left *Size 3 Only (ROL)
VUE-2 (312W Max) (VUE-2)	Type-3 (T3)	48 (48L)							
VUE-3 (599W Max) (VUE-3)	Type-4 (T4) Type-5 (T5) Tennis Optic (TT)	64 (64L) 80 (80L) 96 (96L) 112 (112L) 128 (128L) 144 (144L) 160 (160L) 176 (176L) 192 (192L)	1050 (1)	5500K (55K)					

SPECIFY VOLTS, MOUNTING AND COLOR

	Description : VUE-1-T2-32L-7-40K-*-*-* Project Name: Longbow Site Notes:	TYPE: S1C
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PRODUCT SPECIFICATIONS

Housing: Aluminum.
LED: Luxeon M Series by Lumileds
Optics: Optics Type T2, T3, T4, T5 and Tennis (TT)
Watts: 28-599 Watts
L70: 96,000 to 161,000

UL: UL 1598 Listed 
Driver: Dimming driver as standard by Advance or ULT
Kelvin: 4000, or 5500
Finish: 5 Millimeters Powder Coat
Warranty: Standard Warranty is 5 years for Driver and LEDs

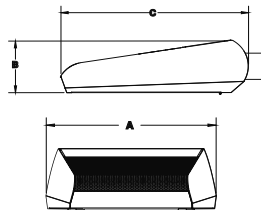
PRODUCT DIMENSIONS

VUE 1 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT Optic	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-1-32L-700-4000K	8094	114	8023	113	8236	116	7825	110	8236	116	142,000	71
VUE-1-32L-700-5500K	8568	121	8496	120	8856	125	8461	119	8712	123	142,000	71
VUE-1-32L-1050-4000K	10545	99	10434	98	10878	103	10001	94	10656	101	148,000	106
VUE-1-32L-1050-5500K	11200	106	11088	105	11536	109	10756	101	11312	107	148,000	106
VUE-1-48L-700-4000K	12198	117	12091	116	12626	121	11213	108	12412	119	143,000	104
VUE-1-48L-700-5500K	12971	125	12862	124	13407	129	12156	117	13189	127	143,000	104
VUE-1-48L-1050-4000K	15675	100	15510	99	16170	104	14901	96	15840	102	153,000	156
VUE-1-48L-1050-5500K	16700	107	16533	106	17201	110	15792	101	16867	108	153,000	156
VUE-1-64L-700-4000K	15860	117	15680	115	16472	121	14200	104	16472	121	145,000	136
VUE-1-64L-700-5500K	16950	125	16200	119	17712	130	15840	116	17424	128	145,000	136
VUE-1-64L-1050-4000K	22135	108	21902	107	22834	111	20038	98	22368	109	156,000	205
VUE-1-64L-1050-5500K	23500	115	23265	113	24205	118	21385	104	23735	116	156,000	205

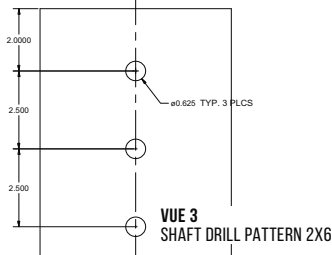
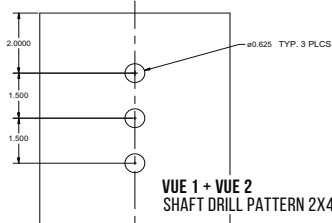
VUE 2 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT OPTIC	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-2-80L-700-4000K	18939	113	18762	112	19293	115	16992	101	18762	112	149,000	168
VUE-2-80L-700-5500K	20048	119	19690	117	20585	123	18974	113	20585	123	149,000	168
VUE-2-80L-1050-4000K	24653	94	24376	93	25207	96	22991	87	23822	91	153,000	263
VUE-2-80L-1050-5500K	26226	100	25668	98	26784	102	24552	93	26505	101	153,000	263
VUE-2-96L-700-4000K	23002	115	22568	113	23653	118	20832	104	22568	113	151,000	200
VUE-2-96L-700-5500K	24416	122	23980	120	25070	125	23108	116	24852	124	151,000	200
VUE-2-96L-1050-4000K	30438	96	30096	95	31122	98	28386	90	29412	93	157,000	316
VUE-2-96L-1050-5500K	32430	103	31740	100	33120	105	30360	96	32775	104	157,000	316
VUE-2-112L-700-4000K	26322	119	26076	118	26814	121	23616	107	26568	120	152,000	221
VUE-2-112L-700-5500K	27888	126	27390	124	28635	130	26394	119	28386	128	152,000	221
VUE-2-128L-700-4000K	30210	101	29640	99	31065	104	27360	91	30780	103	152,000	300
VUE-2-128L-700-5500K	32144	107	31570	105	33005	110	30422	101	32718	109	152,000	300
VUE-2-144L-700-4000K	34344	98	33696	97	35316	101	31104	89	34992	100	153,000	349
VUE-2-144L-700-5500K	36512	105	35860	103	37490	107	34556	99	37164	106	153,000	349

VUE 3 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT OPTIC	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-3-112L-1050-4000K	32508	99	31734	96	33282	101	30186	91	32895	100	161,000	330
VUE-3-112L-1050-5500K	34320	104	33930	103	35100	106	31980	97	34710	105	161,000	330
VUE-3-128L-1050-4000K	35998	88	35998	88	37754	92	34681	85	37315	91	150,000	409
VUE-3-128L-1050-5500K	38808	95	38367	94	39690	97	37044	91	39249	96	150,000	409
VUE-3-144L-1050-4000K	40754	89	40754	89	42742	93	38766	85	42245	92	138,000	458
VUE-3-144L-1050-5500K	43912	96	43413	95	44910	98	40918	89	44411	97	138,000	458
VUE-3-160L-700-4000K	35838	107	35476	106	37286	111	32580	97	36924	110	150,000	335
VUE-3-160L-700-5500K	38220	114	37856	113	39312	117	36036	108	38948	116	150,000	335
VUE-3-160L-1050-4000K	44690	88	44690	88	46870	93	42510	84	46325	92	123,000	505
VUE-3-160L-1050-5500K	48224	95	47676	94	49320	98	44936	89	48772	97	123,000	505
VUE-3-176L-700-4000K	38412	105	38024	104	39964	109	34920	96	39576	108	152,000	365
VUE-3-176L-700-5500K	40950	112	40560	111	42120	115	38610	106	41730	114	152,000	365
VUE-3-176L-1050-4000K	49118	89	49118	89	50915	92	47321	86	50316	91	105,000	551
VUE-3-176L-1050-5500K	52888	96	52287	95	54090	98	49282	89	53489	97	105,000	551
VUE-3-192L-700-4000K	41976	106	41552	105	43672	110	38160	96	43248	109	153,000	396
VUE-3-192L-700-5500K	44730	113	44304	112	46008	116	42174	107	45582	115	153,000	396
VUE-3-192L-1050-4000K	53792	90	53136	89	55760	93	51168	85	55104	92	96,000	599
VUE-3-192L-1050-5500K	57333	96	57333	96	59310	99	54038	90	58651	98	96,000	599

DIMENSION	VUE-1	VUE-2	VUE-3
A	16.99 in	21.56 in	26.17 in
B	6.38 in	8.00 in	8.36 in
C	21.48 in	27.06 in	32.94 in
Weight	27 lbs.	34 lbs.	62 lbs.



EPA	VUE-1	VUE-2	VUE-3
Single	.72	1.16	1.42
Double	1.44	2.32	2.86
Triple	2.24	2.5	4.78
Quad	2.6	3.6	4.88



DesignLights Consortium (DLC) qualified Product. Some configurations of this product family may not be DesignLights Consortium (DLC) listed, please refer to the DLC qualified products list to confirm listed configurations. <http://www.designlights.org>



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	Description : VUE-1-T5-64L-1-55K-*-** Project Name: Longbow Site Notes:	TYPE: S1D
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NLS
LIGHTING

VUE SERIES

AREA LIGHTING

The Vue Series is a collaboration of form, optics and thermal management. These combined high-quality features reduce energy costs, utilize the least amount of poles and fixtures per project while meeting IES minimum foot candle levels and extend maintenance cycles at a competitive price.

The Vue has specific optical systems designed for Parking Lots, Roadways, Auto Dealerships, Tennis Courts, and Sports Field Lighting. The Vue's patent-pending optical system is called "Star Power." The flexibility and power of the "Star Power" optics enables the Vue to gain a distinct advantage over its competitors for almost any distribution pattern. The system features 95% optical material which goes through a linear diffusion process to stretch the virtual image of the diode both magnifying it and creating a large range of angular flux both horizontally and vertically. This added range increases the width of the light pattern at a greater distance compared to optical systems which rely on refraction principles using plastics. Star Power optics are also the most reliable, other plastic optics will oxidize over time as well as tend to lose its seal while exposed long-term to the elements.

Product Features

The "Vue Series" is the Best Value Outdoor Lighting Solution

- Produces up to 128 lumens per System Watt of controlled illumination.
- Has an End of Life modular efficient chip upgrade solution, which takes less than a minute to perform.
- Has a Beautiful, Sleek and Stealth shape.
- Can be mounted directly on to a Wall, Pole, Mast Arm, or adjustable Knuckle Mount.
- 20 Degree maximum tilt available
- Light Distributions are Types 2, 3, 4, 5 and Tennis Optic.
- Is the Perfect Long Life Solution for any Municipality, School, or Infrastructure.
- The Vue conforms to the strictest Made in the USA standards.
- Designed, Tooled, Fabricated and Assembled in California.

MADE IN U.S.A

Designed, Tooled, Manufactured and Assembled in the U.S.A.

STAR POWER

OPTICAL SYSTEM

STAR POWER™ OPTICAL SYSTEM

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

	16L	32L	48L	64L	80L	96L	112L	128L	144L	160L	176L	192L
530 milliamps	28w	56w	80w	109w	136w	161w	192w	216w	240w	-	-	-
700 milliamps	36w	71w	104w	136w	168w	200w	221w	300w	349w	335w	365w	396w
1050 milliamps	56w	106w	156w	205w	263w	316w	330w	409w	458w	505w	551w	599w

VUE-1	T5	64L	1	55K	*	*	*
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Cat #	Light Dist.	No. of LEDs	Milliamps	Kelvin	Volts	Mounting	Color	Shields	Options
VUE-1 (235W Max) (VUE-1)	Type 2 (T2)	16 (16L) 32 (32L)	530 (53)	3000K (30K)	120-277 (UNV)	Direct Pole Square (DPS)	Bronze (BRZ)	House Side Shield (HSS)	Bird Spikes (BS)
VUE-2 (312W Max) (VUE-2)	Type-3 (T3)	48 (48L)	700 (7)	4000K (40K)	347-480 (HV)	Direct Pole Round (DPR)	White (WHT)	Front Side Shield (FSS)	Marine Grade Finish (MGF)
VUE-3 (599W Max) (VUE-3)	Type-4 (T4)	80 (80L)	1050 (1)	5500K (55K)		Knuckle Mount (KM)	Silver (SVR)		Photocell (PC) *Must specify voltage
	Type-5 (T5)	96 (96L)				Trunion Mount (TM)	Black (BLK)		Photocell + Receptacle (PCR) *Must specify voltage
	Tennis Optic (TT)	112 (112L)				Tennis Arm (TA)	Green (GRN)		Motion Sensor (MS)
		128 (128L)				Mast Arm (MA)			Surge Protector (10K)
		144 (144L)				Wall Mount *Includes 6" Bolt On Arm (WM)	Graphite (GPH)		Watt Stopper w/ Motion Sensor (FSP-211)
		160 (160L)				Direct Wall Mount *Includes Wall Plate *VUE-1 Only (DWM)	Custom (CS)		Rotate Optic Right *Size 3 Only (ROR)
		176 (176L)							Rotate Optic Left *Size 3 Only (ROL)
		192 (192L)							

SPECIFY VOLTS, MOUNTING AND COLOR

	Description : VUE-1-T5-64L-1-55K-*.~.* Project Name: Longbow Site Notes:	TYPE: S1D
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PRODUCT SPECIFICATIONS

Housing: Aluminum.	UL: UL 1598 Listed 
LED: Luxeon M Series by Lumileds	Driver: Dimming driver as standard by Advance or ULT
Optics: Optics Type T2, T3, T4, T5 and Tennis (TT)	Kelvin: 4000, or 5500
Watts: 28-599 Watts	Finish: 5 Millimeters Powder Coat
L70: 96,000 to 161,000	Warranty: Standard Warranty is 5 years for Driver and LEDs

PRODUCT DIMENSIONS

VUE 1 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT Optic	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-1-32L-700-4000K	8094	114	8023	113	8236	116	7825	110	8236	116	142,000	71
VUE-1-32L-700-5500K	8568	121	8496	120	8856	125	8461	119	8712	123	142,000	71
VUE-1-32L-1050-4000K	10545	99	10434	98	10878	103	10001	94	10656	101	148,000	106
VUE-1-32L-1050-5500K	11200	106	11088	105	11536	109	10756	101	11312	107	148,000	106
VUE-1-48L-700-4000K	12198	117	12091	116	12626	121	11213	108	12412	119	143,000	104
VUE-1-48L-700-5500K	12971	125	12862	124	13407	129	12156	117	13189	127	143,000	104
VUE-1-48L-1050-4000K	15675	100	15510	99	16170	104	14901	96	15840	102	153,000	156
VUE-1-48L-1050-5500K	16700	107	16533	106	17201	110	15792	101	16867	108	153,000	156
VUE-1-64L-700-4000K	15860	117	15680	115	16472	121	14200	104	16472	121	145,000	136
VUE-1-64L-700-5500K	16950	125	16200	119	17712	130	15840	116	17424	128	145,000	136
VUE-1-64L-1050-4000K	22135	108	21902	107	22834	111	20038	98	22368	109	156,000	205
VUE-1-64L-1050-5500K	23500	115	23265	113	24205	118	21385	104	23735	116	156,000	205

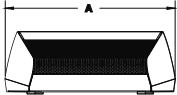
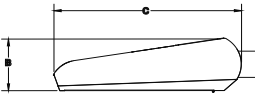
VUE 2 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT OPTIC	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-2-80L-700-4000K	18939	113	18762	112	19293	115	16992	101	18762	112	149,000	168
VUE-2-80L-700-5500K	20048	119	19690	117	20585	123	18974	113	20585	123	149,000	168
VUE-2-80L-1050-4000K	24653	94	24376	93	25207	96	22991	87	23822	91	153,000	263
VUE-2-80L-1050-5500K	26226	100	25668	98	26784	102	24552	93	26505	101	153,000	263
VUE-2-96L-700-4000K	23002	115	22568	113	23653	118	20832	104	22568	113	151,000	200
VUE-2-96L-700-5500K	24416	122	23980	120	25070	125	23108	116	24852	124	151,000	200
VUE-2-96L-1050-4000K	30438	96	30096	95	31122	98	28386	90	29412	93	157,000	316
VUE-2-96L-1050-5500K	32430	103	31740	100	33120	105	30360	96	32775	104	157,000	316
VUE-2-112L-700-4000K	26322	119	26076	118	26814	121	23616	107	26568	120	152,000	221
VUE-2-112L-700-5500K	27888	126	27390	124	28635	130	26394	119	28386	128	152,000	221
VUE-2-128L-700-4000K	30210	101	29640	99	31065	104	27360	91	30780	103	152,000	300
VUE-2-128L-700-5500K	32144	107	31570	105	33005	110	30422	101	32718	109	152,000	300
VUE-2-144L-700-4000K	34344	98	33696	97	35316	101	31104	89	34992	100	153,000	349
VUE-2-144L-700-5500K	36512	105	35860	103	37490	107	34556	99	37164	106	153,000	349

VUE 3 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT OPTIC	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-3-112L-1050-4000K	32508	99	31734	96	33282	101	30186	91	32895	100	161,000	330
VUE-3-112L-1050-5500K	34320	104	33930	103	35100	106	31980	97	34710	105	161,000	330
VUE-3-128L-1050-4000K	35998	88	35998	88	37754	92	34681	85	37315	91	150,000	409
VUE-3-128L-1050-5500K	38808	95	38367	94	39690	97	37044	91	39249	96	150,000	409
VUE-3-144L-1050-4000K	40754	89	40754	89	42742	93	38766	85	42245	92	138,000	458
VUE-3-144L-1050-5500K	43912	96	43413	95	44910	98	40918	89	44411	97	138,000	458
VUE-3-160L-700-4000K	35838	107	35476	106	37286	111	32580	97	36924	110	150,000	335
VUE-3-160L-700-5500K	38220	114	37856	113	39312	117	36036	108	38948	116	150,000	335
VUE-3-160L-1050-4000K	44690	88	44690	88	46870	93	42510	84	46325	92	123,000	505
VUE-3-160L-1050-5500K	48224	95	47676	94	49320	98	44936	89	48772	97	123,000	505
VUE-3-176L-700-4000K	38412	105	38024	104	39964	109	34920	96	39576	108	152,000	365
VUE-3-176L-700-5500K	40950	112	40560	111	42120	115	38610	106	41730	114	152,000	365
VUE-3-176L-1050-4000K	49118	89	49118	89	50915	92	47321	86	50316	91	105,000	551
VUE-3-176L-1050-5500K	52888	96	52287	95	54090	98	49282	89	53489	97	105,000	551
VUE-3-192L-700-4000K	41976	106	41552	105	43672	110	38160	96	43248	109	153,000	396
VUE-3-192L-700-5500K	44730	113	44304	112	46008	116	42174	107	45582	115	153,000	396
VUE-3-192L-1050-4000K	53792	90	53136	89	55760	93	51168	85	55104	92	96,000	599
VUE-3-192L-1050-5500K	57333	96	57333	96	59310	99	54038	90	58651	98	96,000	599

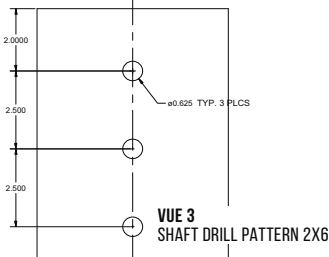
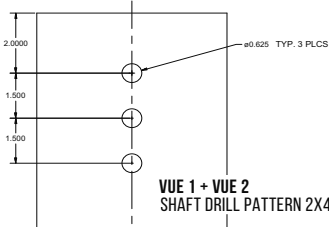


DesignLights Consortium (DLC) qualified Product. Some configurations of this product family may not be DesignLights Consortium (DLC) listed, please refer to the DLC qualified products list to confirm listed configurations. <http://www.designlights.org>

DIMENSION	VUE-1	VUE-2	VUE-3
A	16.99 in	21.56 in	26.17 in
B	6.38 in	8.00 in	8.36 in
C	21.48 in	27.06 in	32.94 in
Weight	27 lbs.	34 lbs.	62 lbs.



EPA	VUE-1	VUE-2	VUE-3
Single	.72	1.16	1.42
Double	1.44	2.32	2.86
Triple	2.24	2.5	4.78
Quad	2.6	3.6	4.88



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	Description : VUE-1-T5-64L-1-55K-*.*(2)@180° Project Name: LONGBOW SITE Notes:	TYPE: S2C
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NLS
LIGHTING

VUE SERIES

AREA LIGHTING

The Vue Series is a collaboration of form, optics and thermal management. These combined high-quality features reduce energy costs, utilize the least amount of poles and fixtures per project while meeting IES minimum foot candle levels and extend maintenance cycles at a competitive price.

The Vue has specific optical systems designed for Parking Lots, Roadways, Auto Dealerships, Tennis Courts, and Sports Field Lighting. The Vue's patent-pending optical system is called "Star Power." The flexibility and power of the "Star Power" optics enables the Vue to gain a distinct advantage over its competitors for almost any distribution pattern. The system features 95% optical material which goes through a linear diffusion process to stretch the virtual image of the diode both magnifying it and creating a large range of angular flux both horizontally and vertically. This added range increases the width of the light pattern at a greater distance compared to optical systems which rely on refraction principles using plastics. Star Power optics are also the most reliable, other plastic optics will oxidize over time as well as tend to lose its seal while exposed long-term to the elements.

Product Features

The "Vue Series" is the Best Value Outdoor Lighting Solution

- Produces up to 128 lumens per System Watt of controlled illumination.
- Has an End of Life modular efficient chip upgrade solution, which takes less than a minute to perform.
- Has a Beautiful, Sleek and Stealth shape.
- Can be mounted directly on to a Wall, Pole, Mast Arm, or adjustable Knuckle Mount.
- 20 Degree maximum tilt available
- Light Distributions are Types 2, 3, 4, 5 and Tennis Optic.
- Is the Perfect Long Life Solution for any Municipality, School, or Infrastructure.
- The Vue conforms to the strictest Made in the USA standards.
- Designed, Tooled, Fabricated and Assembled in California.



STAR POWER™ OPTICAL SYSTEM

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

LED WATTAGE CHART

	16L	32L	48L	64L	80L	96L	112L	128L	144L	160L	176L	192L
530 milliamps	28w	56w	80w	109w	136w	161w	192w	216w	240w	-	-	-
700 milliamps	36w	71w	104w	136w	168w	200w	221w	300w	349w	335w	365w	396w
1050 milliamps	56w	106w	156w	205w	263w	316w	330w	409w	458w	505w	551w	599w

VUE-1	T5	64L	1	55K	*	*	*	(2)@180°
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Cat #	Light Dist.	No. of LEDs	Milliamps	Kelvin	Volts	Mounting	Color	Shields	Options
VUE-1 (235W Max) (VUE-1)	Type 2 (T2)	16 (16L) 32 (32L)	530 (53)	3000K (30K)	120-277 (UNV)	Direct Pole Square (DPS)	Bronze (BRZ)	House Side Shield (HSS)	(2) @180°: Two fixtures mounted @180° <i>*Must specify voltage</i> Photocell + Receptacle <i>(PCR)</i> <i>*Must specify voltage</i> Motion Sensor <i>(MS)</i> Surge Protector <i>(10K)</i> Watt Stopper w/ Motion Sensor <i>(FSP-211)</i> Rotate Optic Right <i>*Size 3 Only</i> <i>(ROR)</i> Rotate Optic Left <i>*Size 3 Only</i> <i>(ROL)</i>
VUE-2 (312W Max) (VUE-2)	Type-3 (T3)	48 (48L) 64 (64L)	700 (7)	4000K (40K)	347-480 (HV)	Direct Pole Round (DPR)	White (WHT)	Front Side Shield (FSS)	
VUE-3 (599W Max) (VUE-3)	Type-4 (T4)	80 (80L)	1050 (1)	5500K (55K)		Knuckle Mount (KM)	Silver (SVR)		
	Type-5 (T5)	96 (96L) 112 (112L)				Trunion Mount (TM)	Black (BLK)		
	Tennis Optic (TT)	128 (128L) 144 (144L)				Tennis Arm (TA)	Green (GRN)		
		160 (160L) 176 (176L) 192 (192L)				Mast Arm (MA)	Graphite (GPH)		
						Wall Mount <i>*Includes 6" Bolt On Arm (WM)</i>	Custom (CS)		
						Direct Wall Mount <i>*Includes Wall Plate *VUE-1 Only (DWM)</i>			

SPECIFY VOLTS, MOUNTING AND COLOR

	Description : VUE-1-T5-64L-1-55K-*.~*(2)@180° Project Name: LONGBOW SITE Notes:	TYPE: S2C
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PRODUCT SPECIFICATIONS

Housing: Aluminum.	UL: UL 1598 Listed 
LED: Luxeon M Series by Lumileds	Driver: Dimming driver as standard by Advance or ULT
Optics: Optics Type T2, T3, T4, T5 and Tennis (TT)	Kelvin: 4000, or 5500
Watts: 28-599 Watts	Finish: 5 Millimeters Powder Coat
L70: 96,000 to 161,000	Warranty: Standard Warranty is 5 years for Driver and LEDs

PRODUCT DIMENSIONS

VUE 1 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT Optic	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-1-32L-700-4000K	8094	114	8023	113	8236	116	7825	110	8236	116	142,000	71
VUE-1-32L-700-5500K	8568	121	8496	120	8856	125	8461	119	8712	123	142,000	71
VUE-1-32L-1050-4000K	10545	99	10434	98	10878	103	10001	94	10656	101	148,000	106
VUE-1-32L-1050-5500K	11200	106	11088	105	11536	109	10756	101	11312	107	148,000	106
VUE-1-48L-700-4000K	12198	117	12091	116	12626	121	11213	108	12412	119	143,000	104
VUE-1-48L-700-5500K	12971	125	12862	124	13407	129	12156	117	13189	127	143,000	104
VUE-1-48L-1050-4000K	15675	100	15510	99	16170	104	14901	96	15840	102	153,000	156
VUE-1-48L-1050-5500K	16700	107	16533	106	17201	110	15792	101	16867	108	153,000	156
VUE-1-64L-700-4000K	15860	117	15680	115	16472	121	14200	104	16472	121	145,000	136
VUE-1-64L-700-5500K	16950	125	16200	119	17712	130	15840	116	17424	128	145,000	136
VUE-1-64L-1050-4000K	22135	108	21902	107	22834	111	20038	98	22368	109	156,000	205
VUE-1-64L-1050-5500K	23500	115	23265	113	24205	118	21385	104	23735	116	156,000	205

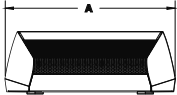
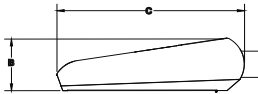
VUE 2 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT OPTIC	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-2-80L-700-4000K	18939	113	18762	112	19293	115	16992	101	18762	112	149,000	168
VUE-2-80L-700-5500K	20048	119	19690	117	20585	123	18974	113	20585	123	149,000	168
VUE-2-80L-1050-4000K	24653	94	24376	93	25207	96	22991	87	23822	91	153,000	263
VUE-2-80L-1050-5500K	26226	100	25668	98	26784	102	24552	93	26505	101	153,000	263
VUE-2-96L-700-4000K	23002	115	22568	113	23653	118	20832	104	22568	113	151,000	200
VUE-2-96L-700-5500K	24416	122	23980	120	25070	125	23108	116	24852	124	151,000	200
VUE-2-96L-1050-4000K	30438	96	30096	95	31122	98	28386	90	29412	93	157,000	316
VUE-2-96L-1050-5500K	32430	103	31740	100	33120	105	30360	96	32775	104	157,000	316
VUE-2-112L-700-4000K	26322	119	26076	118	26814	121	23616	107	26568	120	152,000	221
VUE-2-112L-700-5500K	27888	126	27390	124	28635	130	26394	119	28386	128	152,000	221
VUE-2-128L-700-4000K	30210	101	29640	99	31065	104	27360	91	30780	103	152,000	300
VUE-2-128L-700-5500K	32144	107	31570	105	33005	110	30422	101	32718	109	152,000	300
VUE-2-144L-700-4000K	34344	98	33696	97	35316	101	31104	89	34992	100	153,000	349
VUE-2-144L-700-5500K	36512	105	35860	103	37490	107	34556	99	37164	106	153,000	349

VUE 3 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT OPTIC	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-3-112L-1050-4000K	32508	99	31734	96	33282	101	30186	91	32895	100	161,000	330
VUE-3-112L-1050-5500K	34320	104	33930	103	35100	106	31980	97	34710	105	161,000	330
VUE-3-128L-1050-4000K	35998	88	35998	88	37754	92	34681	85	37315	91	150,000	409
VUE-3-128L-1050-5500K	38808	95	38367	94	39690	97	37044	91	39249	96	150,000	409
VUE-3-144L-1050-4000K	40754	89	40754	89	42742	93	38766	85	42245	92	138,000	458
VUE-3-144L-1050-5500K	43912	96	43413	95	44910	98	40918	89	44411	97	138,000	458
VUE-3-160L-700-4000K	35838	107	35476	106	37286	111	32580	97	36924	110	150,000	335
VUE-3-160L-700-5500K	38220	114	37856	113	39312	117	36036	108	38948	116	150,000	335
VUE-3-160L-1050-4000K	44690	88	44690	88	46870	93	42510	84	46325	92	123,000	505
VUE-3-160L-1050-5500K	48224	95	47676	94	49320	98	44936	89	48772	97	123,000	505
VUE-3-176L-700-4000K	38412	105	38024	104	39964	109	34920	96	39576	108	152,000	365
VUE-3-176L-700-5500K	40950	112	40560	111	42120	115	38610	106	41730	114	152,000	365
VUE-3-176L-1050-4000K	49118	89	49118	89	50915	92	47321	86	50316	91	105,000	551
VUE-3-176L-1050-5500K	52888	96	52287	95	54090	98	49282	89	53489	97	105,000	551
VUE-3-192L-700-4000K	41976	106	41552	105	43672	110	38160	96	43248	109	153,000	396
VUE-3-192L-700-5500K	44730	113	44304	112	46008	116	42174	107	45582	115	153,000	396
VUE-3-192L-1050-4000K	53792	90	53136	89	55760	93	51168	85	55104	92	96,000	599
VUE-3-192L-1050-5500K	57333	96	57333	96	59310	99	54038	90	58651	98	96,000	599

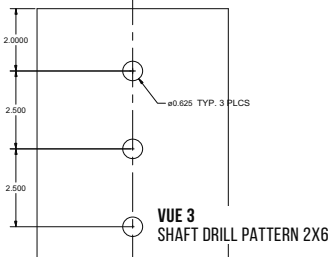
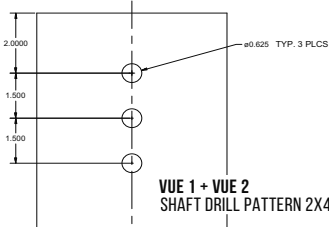


DesignLights Consortium (DLC) qualified Product. Some configurations of this product family may not be DesignLights Consortium (DLC) listed, please refer to the DLC qualified products list to confirm listed configurations. <http://www.designlights.org>

DIMENSION	VUE-1	VUE-2	VUE-3
A	16.99 in	21.56 in	26.17 in
B	6.38 in	8.00 in	8.36 in
C	21.48 in	27.06 in	32.94 in
Weight	27 lbs.	34 lbs.	62 lbs.



EPA	VUE-1	VUE-2	VUE-3
Single	.72	1.16	1.42
Double	1.44	2.32	2.86
Triple	2.24	2.5	4.78
Quad	2.6	3.6	4.88



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	Description : VUE-1-T2-48L-1-40K-*-** Project Name: Longbow Site Notes:	TYPE: WM
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VUE SERIES

AREA LIGHTING

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LED WATTAGE CHART

	16L	32L	48L	64L	80L	96L	112L	128L	144L	160L	176L	192L
530 milliamps	28w	56w	80w	109w	136w	161w	192w	216w	240w	-	-	-
700 milliamps	36w	71w	104w	136w	168w	200w	221w	300w	349w	335w	365w	396w
1050 milliamps	56w	106w	156w	205w	263w	316w	330w	409w	458w	505w	551w	599w

VUE-1

T2

48L

1

40K

*

*

*

Cat #	Light Dist.	No. of LEDs	Milliamps	Kelvin	Volts	Mounting	Color	Shields	Options
VUE-1 (235W Max) (VUE-1)	Type 2 (T2)	16 (16L) 32 (32L)	530 (53) 700 (7)	3000K (30K) 4000K (40K)	120-277 (UNV) 347-480 (HV)	Direct Pole Square (DPS) Direct Pole Round (DPR)	Bronze (BRZ) White (WHT)	House Side Shield (HSS) Front Side Shield (FSS)	Bird Spikes (BS) Marine Grade Finish (MGF)
VUE-2 (312W Max) (VUE-2)	Type-3 (T3)	48 (48L)	1050 (1)	5500K (55K)		Knuckle Mount (KM)	Silver (SVR)		Photocell (PC) *Must specify voltage
VUE-3 (599W Max) (VUE-3)	Type-4 (T4)	64 (64L)				Trunion Mount (TM)	Black (BLK)		Photocell + Receptacle (PCR) *Must specify voltage
	Type-5 (T5)	80 (80L) 96 (96L) 112 (112L)				Tennis Arm (TA) Mast Arm (MA)	Green (GRN)		Motion Sensor (MS) Surge Protector (10K)
	Tennis Optic (TT)	128 (128L) 144 (144L) 160 (160L) 176 (176L) 192 (192L)				Wall Mount *Includes 6" Bolt On Arm (WM) Direct Wall Mount *Includes Wall Plate *VUE-1 Only (DWM)	Graphite (GPH) Custom (CS)		Watt Stopper w/ Motion Sensor (FSP-211) Rotate Optic Right *Size 3 Only (ROR) Rotate Optic Left *Size 3 Only (ROL)

SPECIFY VOLTS, MOUNTING AND COLOR

	Description : VUE-1-T2-48L-1-40K-*-*-* Project Name: Longbow Site Notes:	TYPE: WM
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PRODUCT SPECIFICATIONS

Housing: Aluminum.
LED: Luxeon M Series by Lumileds
Optics: Optics Type T2, T3, T4, T5 and Tennis (TT)
Watts: 28-599 Watts
L70: 96,000 to 161,000

UL: UL 1598 Listed 
Driver: Dimming driver as standard by Advance or ULT
Kelvin: 4000, or 5500
Finish: 5 Millimeters Powder Coat
Warranty: Standard Warranty is 5 years for Driver and LEDs

PRODUCT DIMENSIONS

VUE 1 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT Optic	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-1-32L-700-4000K	8094	114	8023	113	8236	116	7825	110	8236	116	142,000	71
VUE-1-32L-700-5500K	8568	121	8496	120	8856	125	8461	119	8712	123	142,000	71
VUE-1-32L-1050-4000K	10545	99	10434	98	10878	103	10001	94	10656	101	148,000	106
VUE-1-32L-1050-5500K	11200	106	11088	105	11536	109	10756	101	11312	107	148,000	106
VUE-1-48L-700-4000K	12198	117	12091	116	12626	121	11213	108	12412	119	143,000	104
VUE-1-48L-700-5500K	12971	125	12862	124	13407	129	12156	117	13189	127	143,000	104
VUE-1-48L-1050-4000K	15675	100	15510	99	16170	104	14901	96	15840	102	153,000	156
VUE-1-48L-1050-5500K	16700	107	16533	106	17201	110	15792	101	16867	108	153,000	156
VUE-1-64L-700-4000K	15860	117	15680	115	16472	121	14200	104	16472	121	145,000	136
VUE-1-64L-700-5500K	16950	125	16200	119	17712	130	15840	116	17424	128	145,000	136
VUE-1-64L-1050-4000K	22135	108	21902	107	22834	111	20038	98	22368	109	156,000	205
VUE-1-64L-1050-5500K	23500	115	23265	113	24205	118	21385	104	23735	116	156,000	205

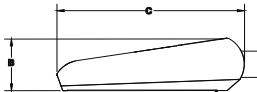
VUE 2 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT OPTIC	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-2-80L-700-4000K	18939	113	18762	112	19293	115	16992	101	18762	112	149,000	168
VUE-2-80L-700-5500K	20048	119	19690	117	20585	123	18974	113	20585	123	149,000	168
VUE-2-80L-1050-4000K	24653	94	24376	93	25207	96	22991	87	23822	91	153,000	263
VUE-2-80L-1050-5500K	26226	100	25668	98	26784	102	24552	93	26505	101	153,000	263
VUE-2-96L-700-4000K	23002	115	22568	113	23653	118	20832	104	22568	113	151,000	200
VUE-2-96L-700-5500K	24416	122	23980	120	25070	125	23108	116	24852	124	151,000	200
VUE-2-96L-1050-4000K	30438	96	30096	95	31122	98	28386	90	29412	93	157,000	316
VUE-2-96L-1050-5500K	32430	103	31740	100	33120	105	30360	96	32775	104	157,000	316
VUE-2-112L-700-4000K	26322	119	26076	118	26814	121	23616	107	26568	120	152,000	221
VUE-2-112L-700-5500K	27888	126	27390	124	28635	130	26394	119	28386	128	152,000	221
VUE-2-128L-700-4000K	30210	101	29640	99	31065	104	27360	91	30780	103	152,000	300
VUE-2-128L-700-5500K	32144	107	31570	105	33005	110	30422	101	32718	109	152,000	300
VUE-2-144L-700-4000K	34344	98	33696	97	35316	101	31104	89	34992	100	153,000	349
VUE-2-144L-700-5500K	36512	105	35860	103	37490	107	34556	99	37164	106	153,000	349

VUE 3 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT OPTIC	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-3-112L-1050-4000K	32508	99	31734	96	33282	101	30186	91	32895	100	161,000	330
VUE-3-112L-1050-5500K	34320	104	33930	103	35100	106	31980	97	34710	105	161,000	330
VUE-3-128L-1050-4000K	35998	88	35998	88	37754	92	34681	85	37315	91	150,000	409
VUE-3-128L-1050-5500K	38808	95	38367	94	39690	97	37044	91	39249	96	150,000	409
VUE-3-144L-1050-4000K	40754	89	40754	89	42742	93	38766	85	42245	92	138,000	458
VUE-3-144L-1050-5500K	43912	96	43413	95	44910	98	40918	89	44411	97	138,000	458
VUE-3-160L-700-4000K	35838	107	35476	106	37286	111	32580	97	36924	110	150,000	335
VUE-3-160L-700-5500K	38220	114	37856	113	39312	117	36036	108	38948	116	150,000	335
VUE-3-160L-1050-4000K	44690	88	44690	88	46870	93	42510	84	46325	92	123,000	505
VUE-3-160L-1050-5500K	48224	95	47676	94	49320	98	44936	89	48772	97	123,000	505
VUE-3-176L-700-4000K	38412	105	38024	104	39964	109	34920	96	39576	108	152,000	365
VUE-3-176L-700-5500K	40950	112	40560	111	42120	115	38610	106	41730	114	152,000	365
VUE-3-176L-1050-4000K	49118	89	49118	89	50915	92	47321	86	50316	91	105,000	551
VUE-3-176L-1050-5500K	52888	96	52287	95	54090	98	49282	89	53489	97	105,000	551
VUE-3-192L-700-4000K	41976	106	41552	105	43672	110	38160	96	43248	109	153,000	396
VUE-3-192L-700-5500K	44730	113	44304	112	46008	116	42174	107	45582	115	153,000	396
VUE-3-192L-1050-4000K	53792	90	53136	89	55760	93	51168	85	55104	92	96,000	599
VUE-3-192L-1050-5500K	57333	96	57333	96	59310	99	54038	90	58651	98	96,000	599

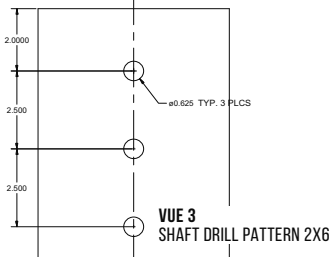
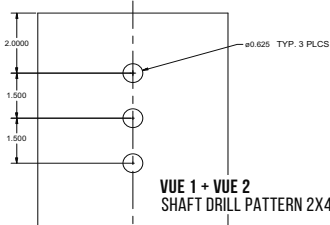


DesignLights Consortium (DLC) qualified Product. Some configurations of this product family may not be DesignLights Consortium (DLC) listed, please refer to the DLC qualified products list to confirm listed configurations. <http://www.designlights.org>

DIMENSION	VUE-1	VUE-2	VUE-3
A	16.99 in	21.56 in	26.17 in
B	6.38 in	8.00 in	8.36 in
C	21.48 in	27.06 in	32.94 in
Weight	27 lbs.	34 lbs.	62 lbs.



EPA	VUE-1	VUE-2	VUE-3
Single	.72	1.16	1.42
Double	1.44	2.32	2.86
Triple	2.24	2.5	4.78
Quad	2.6	3.6	4.88



	Description : VUE-1-T4-48L-1-40K-*-** Project Name: Longbow Site Notes:	TYPE: WM-1
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VUE SERIES

AREA LIGHTING

The Vue Series is a collaboration of form, optics and thermal management. These combined high-quality features reduce energy costs, utilize the least amount of poles and fixtures per project while meeting IES minimum foot candle levels and extend maintenance cycles at a competitive price.

The Vue has specific optical systems designed for Parking Lots, Roadways, Auto Dealerships, Tennis Courts, and Sports Field Lighting. The Vue's patent-pending optical system is called "Star Power." The flexibility and power of the "Star Power" optics enables the Vue to gain a distinct advantage over its competitors for almost any distribution pattern. The system features 95% optical material which goes through a linear diffusion process to stretch the virtual image of the diode both magnifying it and creating a large range of angular flux both horizontally and vertically. This added range increases the width of the light pattern at a greater distance compared to optical systems which rely on refraction principles using plastics. Star Power optics are also the most reliable, other plastic optics will oxidize over time as well as tend to lose its seal while exposed long-term to the elements.

Product Features

The "Vue Series" is the Best Value Outdoor Lighting Solution

- Produces up to 128 lumens per System Watt of controlled illumination.
- Has an End of Life modular efficient chip upgrade solution, which takes less than a minute to perform.
- Has a Beautiful, Sleek and Stealth shape.
- Can be mounted directly on to a Wall, Pole, Mast Arm, or adjustable Knuckle Mount.
- 20 Degree maximum tilt available
- Light Distributions are Types 2, 3, 4, 5 and Tennis Optic.
- Is the Perfect Long Life Solution for any Municipality, School, or Infrastructure.
- The Vue conforms to the strictest Made in the USA standards.
- Designed, Tooled, Fabricated and Assembled in California.






STAR POWER™ OPTICAL SYSTEM

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

LED WATTAGE CHART

	16L	32L	48L	64L	80L	96L	112L	128L	144L	160L	176L	192L
530 milliamps	28w	56w	80w	109w	136w	161w	192w	216w	240w	-	-	-
700 milliamps	36w	71w	104w	136w	168w	200w	221w	300w	349w	335w	365w	396w
1050 milliamps	56w	106w	156w	205w	263w	316w	330w	409w	458w	505w	551w	599w

VUE-1

T4

48L

1

40K

*

*

*

Cat #	Light Dist.	No. of LEDs	Milliamps	Kelvin	Volts	Mounting	Color	Shields	Options
VUE-1 (235W Max) (VUE-1)	Type 2 (T2)	16 (16L) 32 (32L)	530 (53) 700 (7)	3000K (30K) 4000K (40K)	120-277 (UNV) 347-480 (HV)	Direct Pole Square (DPS) Direct Pole Round (DPR)	Bronze (BRZ) White (WHT)	House Side Shield (HSS) Front Side Shield (FSS)	Bird Spikes (BS) Marine Grade Finish (MGF)
VUE-2 (312W Max) (VUE-2)	Type-3 (T3)	48 (48L) 64 (64L)	1050 (1)	5500K (55K)		Knuckle Mount (KM) Trunion Mount (TM)	Silver (SVR) Black (BLK)		Photocell (PC) *Must specify voltage
VUE-3 (599W Max) (VUE-3)	Type-4 (T4)	80 (80L) 96 (96L)				Tennis Arm (TA) Mast Arm (MA)	Green (GRN)		Photocell + Receptacle (PCR) *Must specify voltage
	Type-5 (T5)	112 (112L) 128 (128L)				Wall Mount *Includes 6" Bolt On Arm (WM)	Graphite (GPH)		Motion Sensor (MS) Surge Protector (10K)
	Tennis Optic (TT)	144 (144L) 160 (160L) 176 (176L) 192 (192L)				Direct Wall Mount *Includes Wall Plate *VUE-1 Only (DWM)	Custom (CS)		Watt Stopper w/ Motion Sensor (FSP-211) Rotate Optic Right *Size 3 Only (ROR) Rotate Optic Left *Size 3 Only (ROL)

SPECIFY VOLTS, MOUNTING AND COLOR

	Description : VUE-1-T4-48L-1-40K*-** Project Name: Longbow Site Notes:	TYPE: WM-1
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PRODUCT SPECIFICATIONS

Housing: Aluminum.
LED: Luxeon M Series by Lumileds
Optics: Optics Type T2, T3, T4, T5 and Tennis (TT)
Watts: 28-599 Watts
L70: 96,000 to 161,000

UL: UL 1598 Listed 
Driver: Dimming driver as standard by Advance or ULT
Kelvin: 4000, or 5500
Finish: 5 Millimeters Powder Coat
Warranty: Standard Warranty is 5 years for Driver and LEDs

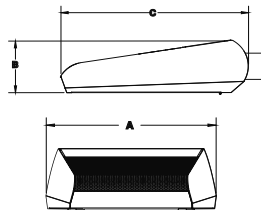
PRODUCT DIMENSIONS

VUE 1 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT Optic	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-1-32L-700-4000K	8094	114	8023	113	8236	116	7825	110	8236	116	142,000	71
VUE-1-32L-700-5500K	8568	121	8496	120	8856	125	8461	119	8712	123	142,000	71
VUE-1-32L-1050-4000K	10545	99	10434	98	10878	103	10001	94	10656	101	148,000	106
VUE-1-32L-1050-5500K	11200	106	11088	105	11536	109	10756	101	11312	107	148,000	106
VUE-1-48L-700-4000K	12198	117	12091	116	12626	121	11213	108	12412	119	143,000	104
VUE-1-48L-700-5500K	12971	125	12862	124	13407	129	12156	117	13189	127	143,000	104
VUE-1-48L-1050-4000K	15675	100	15510	99	16170	104	14901	96	15840	102	153,000	156
VUE-1-48L-1050-5500K	16700	107	16533	106	17201	110	15792	101	16867	108	153,000	156
VUE-1-64L-700-4000K	15860	117	15680	115	16472	121	14200	104	16472	121	145,000	136
VUE-1-64L-700-5500K	16950	125	16200	119	17712	130	15840	116	17424	128	145,000	136
VUE-1-64L-1050-4000K	22135	108	21902	107	22834	111	20038	98	22368	109	156,000	205
VUE-1-64L-1050-5500K	23500	115	23265	113	24205	118	21385	104	23735	116	156,000	205

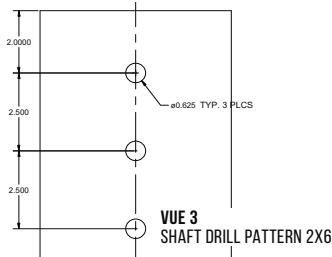
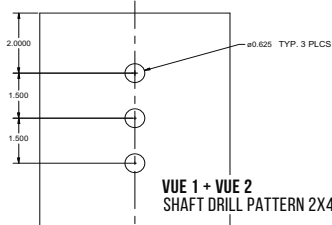
VUE 2 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT OPTIC	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-2-80L-700-4000K	18939	113	18762	112	19293	115	16992	101	18762	112	149,000	168
VUE-2-80L-700-5500K	20048	119	19690	117	20585	123	18974	113	20585	123	149,000	168
VUE-2-80L-1050-4000K	24653	94	24376	93	25207	96	22991	87	23822	91	153,000	263
VUE-2-80L-1050-5500K	26226	100	25668	98	26784	102	24552	93	26505	101	153,000	263
VUE-2-96L-700-4000K	23002	115	22568	113	23653	118	20832	104	22568	113	151,000	200
VUE-2-96L-700-5500K	24416	122	23980	120	25070	125	23108	116	24852	124	151,000	200
VUE-2-96L-1050-4000K	30438	96	30096	95	31122	98	28386	90	29412	93	157,000	316
VUE-2-96L-1050-5500K	32430	103	31740	100	33120	105	30360	96	32775	104	157,000	316
VUE-2-112L-700-4000K	26322	119	26076	118	26814	121	23616	107	26568	120	152,000	221
VUE-2-112L-700-5500K	27888	126	27390	124	28635	130	26394	119	28386	128	152,000	221
VUE-2-128L-700-4000K	30210	101	29640	99	31065	104	27360	91	30780	103	152,000	300
VUE-2-128L-700-5500K	32144	107	31570	105	33005	110	30422	101	32718	109	152,000	300
VUE-2-144L-700-4000K	34344	98	33696	97	35316	101	31104	89	34992	100	153,000	349
VUE-2-144L-700-5500K	36512	105	35860	103	37490	107	34556	99	37164	106	153,000	349

VUE 3 - LUMEN DATA CHART												
PART NUMBER	T2 OPTIC	Lm/W	T3 OPTIC	Lm/W	T4 OPTIC	Lm/W	T5 OPTIC	Lm/W	TT OPTIC	Lm/W	Calculated L70 Hours	SYSTEM WATTS
VUE-3-112L-1050-4000K	32508	99	31734	96	33282	101	30186	91	32895	100	161,000	330
VUE-3-112L-1050-5500K	34320	104	33930	103	35100	106	31980	97	34710	105	161,000	330
VUE-3-128L-1050-4000K	35998	88	35998	88	37754	92	34681	85	37315	91	150,000	409
VUE-3-128L-1050-5500K	38808	95	38367	94	39690	97	37044	91	39249	96	150,000	409
VUE-3-144L-1050-4000K	40754	89	40754	89	42742	93	38766	85	42245	92	138,000	458
VUE-3-144L-1050-5500K	43912	96	43413	95	44910	98	40918	89	44411	97	138,000	458
VUE-3-160L-700-4000K	35838	107	35476	106	37286	111	32580	97	36924	110	150,000	335
VUE-3-160L-700-5500K	38220	114	37856	113	39312	117	36036	108	38948	116	150,000	335
VUE-3-160L-1050-4000K	44690	88	44690	88	46870	93	42510	84	46325	92	123,000	505
VUE-3-160L-1050-5500K	48224	95	47676	94	49320	98	44936	89	48772	97	123,000	505
VUE-3-176L-700-4000K	38412	105	38024	104	39964	109	34920	96	39576	108	152,000	365
VUE-3-176L-700-5500K	40950	112	40560	111	42120	115	38610	106	41730	114	152,000	365
VUE-3-176L-1050-4000K	49118	89	49118	89	50915	92	47321	86	50316	91	105,000	551
VUE-3-176L-1050-5500K	52888	96	52287	95	54090	98	49282	89	53489	97	105,000	551
VUE-3-192L-700-4000K	41976	106	41552	105	43672	110	38160	96	43248	109	153,000	396
VUE-3-192L-700-5500K	44730	113	44304	112	46008	116	42174	107	45582	115	153,000	396
VUE-3-192L-1050-4000K	53792	90	53136	89	55760	93	51168	85	55104	92	96,000	599
VUE-3-192L-1050-5500K	57333	96	57333	96	59310	99	54038	90	58651	98	96,000	599

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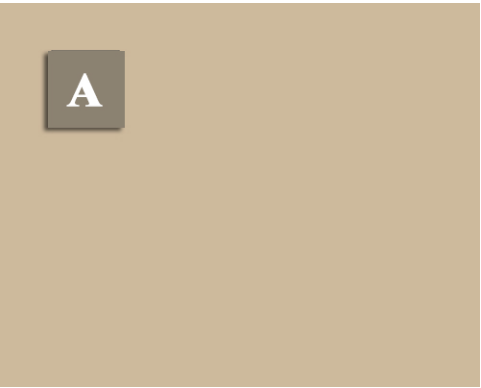


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PAINT COLOR PALETTE by Sherwin Williams



MACADAMIA
SW 6142



ROYCROFT SUEDE
SW2842

FIELD COLORS

COMPOSITES by Moistureshield



TIGERWOOD

STANDING SEAM METAL ROOFING
by Western States Metals



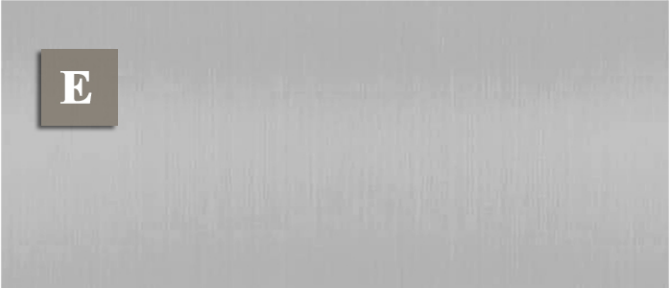
BOND ACRYLIC 24 GAUGE

ROOFING MATERIALS

STOREFRONT by Arcadia



DARK BRONZE ALUMINUM



SILVER ALUMINUM

STOREFRONT

SIGN BAR

MASONRY by Superlite/Mesastone



RED ROCK

CONCRETE BLOCK



Butler Design Group, Inc
architects & planners

2017-12-23
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