



1 PRELIMINARY LIGHTING PLAN
1" = 10'-0"

- SA - SITE AREA LIGHT - 15 FT MOUNTING HEIGHT
- SB - SITE AREA LIGHT - 10 FT MOUNTING HEIGHT
- SW - BUILDING WALL - 12 FT MOUNTING HEIGHT
- RC - RECESSED PATIO

PRELIMINARY
NOT FOR
CONSTRUCTION

no.	date	description

HIGHLIGHTS

623 S MESA DR
MESA, AZ 85210

PROJECT NO: 23065
DATE: 09/18/23



atmosphere architects
p.o. box 5267
mesa, az 85211

contact: Tim Boyle
email: tim@atmosarch.com
tel: 917-526-0323

LIGHTING PLAN
AS901

SA - SITE AREA LIGHT - 15 FT MOUNTING HEIGHT

[illegible][illegible]



VIPER S

SMALL TYPE LINEAR IRE

DATE: _____

TYPE: _____

CATALOG #: _____

LOCATION: _____

PROJECT: _____

CONTROLS

One-Click Instantaneous Ordering Information:

When ordering a fixture with the Signify Lighting fixture control, additional information will be required to complete the order. The Signify Lighting Control System Form is a detailed information sheet that will be required to complete the order. The information can be found at www.signifylighting.com

Ordering procedures for more detailed information please visit the Signify.com/2017/03/signify-lighting-control-system-form or contact Hubbell Lighting tech support at 866.534.5000.

Signify Controls with Motion Control (BIMBA) require the mounting height of the fixture for selection of the lens.

Examples: VY4-LED, ZD6H/3CU/NA/ACB/SW/4V
VY4-LED, ZD6H/3CU/NA/GB/SW/4V/4V

Signify only
Signify only with Motion Control

Signify's 7-Pin Module

- Signify's feature is a new form
- Available as an accessory for new construction or retrofit applications (both existing & new receptacles)
- Does not include any occupancy sensors



Signify

NX Distributed Intelligence* Lighting Controls:

Supports both indoor and outdoor applications in a variety of deployment set-ups: wired, wireless and hybrid (integrates with and enables a wide array of solutions including those with SignifyControl Color Tuning Technology).

NX Distributed Intelligence

NX Integrated Controls Reference								Bluetooth® App Programming
NX Option	Sensor	Networkable	Scheduling	Occupancy	Daylight Harvesting	0-10V Dimming	On/Off Control	
NX Networkable – Wireless								
Networkable BID/UVV	SC/NC	Yes	Yes	Yes	Yes	Yes	Yes	Yes, Bluetooth App

SignifyControl™:

is capable to manage, monitoring and controlling of outdoor wireless lighting applications such as street, campus, street light, parking lot, parking lot and roadways.

swiSCAPE

swiSCAPE Reference								Bluetooth® App Programming
swiSCAPE Option	Sensor	Networkable	Scheduling	Occupancy	Daylight Harvesting	0-10V Dimming	On/Off Control	
Networkable – Wireless								
Wireless	0-10V DIM/LED	Yes	Yes	No	Yes	Yes	Yes	swiSCAPE Gateway

Hubbell Lighting

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Hubbell Lighting

		DATE:	LOCATION:												
VIPER S SMALL FOOT CANNULAE		TYPE:	PROJECT:												
		CATALOG #:													
DELIVERED LUMENS															
# of Sites	DRIVE CURRENT (mA)	SYSTEM NAME	DISTRIBUTION TYPE	3K (500K nominal to CR)					4K (600K nominal to CR)						
				LUMENS	LPW	U	G	LUMENS	LPW	U	G	LUMENS	LPW	U	G
24	300mA	28W	SE	4855	52.2	2.1	4.033	53.1	56.5	2.1	4.033	4453	48.0	2.1	3.9
			SE	4855	52.2	2.1	4.033	53.1	56.5	2.1	4.033	4453	48.0	2.1	3.9
			SE	4455	48.1	2.1	4.405	45.0	48.5	2.1	4.405	4100	43.8	2.1	4.2
			SE	4455	48.1	2.1	4.405	45.0	48.5	2.1	4.405	4100	43.8	2.1	4.2
			SE	4455	48.1	2.1	4.405	45.0	48.5	2.1	4.405	4100	43.8	2.1	4.2
			SE	4455	48.1	2.1	4.405	45.0	48.5	2.1	4.405	4100	43.8	2.1	4.2
			SE	4455	48.1	2.1	4.405	45.0	48.5	2.1	4.405	4100	43.8	2.1	4.2
			SE	4455	48.1	2.1	4.405	45.0	48.5	2.1	4.405	4100	43.8	2.1	4.2
			SE	4455	48.1	2.1	4.405	45.0	48.5	2.1	4.405	4100	43.8	2.1	4.2
			SE	4455	48.1	2.1	4.405	45.0	48.5	2.1	4.405	4100	43.8	2.1	4.2
			SE	4455	48.1	2.1	4.405	45.0	48.5	2.1	4.405	4100	43.8	2.1	4.2
			SE	4455	48.1	2.1	4.405	45.0	48.5	2.1	4.405	4100	43.8	2.1	4.2
24	300mA	18W	SE	2997	32.2	2.1	2.579	31.1	33.0	2.1	2.579	2700	29.0	2.1	2.4
			SE	2997	32.2	2.1	2.579	31.1	33.0	2.1	2.579	2700	29.0	2.1	2.4
			SE	2997	32.2	2.1	2.579	31.1	33.0	2.1	2.579	2700	29.0	2.1	2.4
			SE	2997	32.2	2.1	2.579	31.1	33.0	2.1	2.579	2700	29.0	2.1	2.4
			SE	2997	32.2	2.1	2.579	31.1	33.0	2.1	2.579	2700	29.0	2.1	2.4
			SE	2997	32.2	2.1	2.579	31.1	33.0	2.1	2.579	2700	29.0	2.1	2.4
			SE	2997	32.2	2.1	2.579	31.1	33.0	2.1	2.579	2700	29.0	2.1	2.4
			SE	2997	32.2	2.1	2.579	31.1	33.0	2.1	2.579	2700	29.0	2.1	2.4
			SE	2997	32.2	2.1	2.579	31.1	33.0	2.1	2.579	2700	29.0	2.1	2.4
			SE	2997	32.2	2.1	2.579	31.1	33.0	2.1	2.579	2700	29.0	2.1	2.4
			SE	2997	32.2	2.1	2.579	31.1	33.0	2.1	2.579	2700	29.0	2.1	2.4
			SE	2997	32.2	2.1	2.579	31.1	33.0	2.1	2.579				



VIPER S

SAW, TYPE, CUTTING

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CAD/DWG #:

DIMENSIONS

Weight	15.5 lbs 6.9 kg
EPA	67 ft ²

A Arm (Rammy® RA)

Side View

Back View

MAF (Rammy® MAF)

Side View

Back View

Accomps 21x17" OAD, min 57" lang.

21x17 Adjustable Knecks (K) (Rammy® PK2)

Limit to 37' 0\". Sensor placed and wireless connection should be made above horizontal

Wall Bracket (WB)

AD Decorative Arm

See page 3 for mounting details

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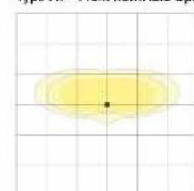
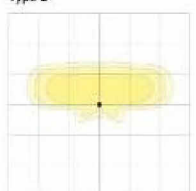
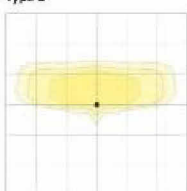
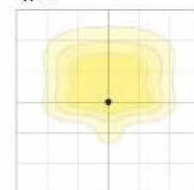
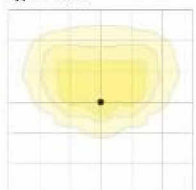
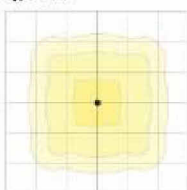
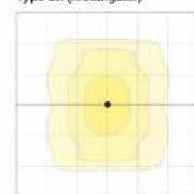
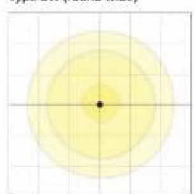
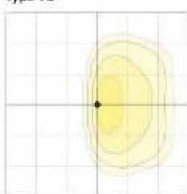
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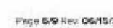


 VIPER S Small IP65 LED fixture	DATE: _____	LOCATION: _____
	TYPE: _____	PROJECT: _____
	CABINETS # _____	

PHOTOMETRY

The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see www.hubbell.com/beamflex and ip65s.com

Type FB – Front Beam/Backsight Option 	Type 2 	Type 3 
Type 4 	Type 4 Wide 	Type 5GM 
Type GR (rectangle) 	Type EW (round wide) 	Type TC 

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BEACON
VAPORLESS
SEMI-LED LUMINAIRE

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
GRANDS #: _____

ELECTRICAL DATA

# OF LEADS	NUMBER OF DRIVERS	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	WPT12M POWER (W)	CURRENT (AMPS)
24	1	500 mA	302		0.33
			303		0.33
			347	29	0.08
			486		0.06
			505		0.5
24	1	700 mA	302		0.33
			347		0.2
			486	55	0.2
			505		0.9
			515		0.65
36	1	525 mA	302		0.33
			347		0.2
			486	65	0.2
			505		0.7
			515		0.4
48	1	700 mA	302		0.33
			347		0.2
			486	80	0.2
			505		0.9
			515		0.6
60	1	700 mA	302		0.33
			347		0.2
			486	100	0.2
			505		0.9
			515		0.6

PREDICTED LUMEN MAINTENANCE

Ambient Temp.	0	25000	50000	100,000	150,000	Calculated 70 (±0.05%)
25°C/77°F	0	0.67	0.96	0.95	0.92	>377000

*Projected per IESNA TM-21-18

Test references the anticipated performance projections for the 60 LED based model in a 23°C ambient, based on 50,000 hours of LED testing per IESNA LM-80-08.

USEFULNESS CIRCUIT

Powered luminaire from remote temperature. The device activates at a specific, factory preset temperature and progressively reduces power over a false temperature range. Operation is smooth and undetectable to the eye. Thermal circuit is "fail safe", allowing the luminaire to revert to full power in the event of an interruption of its power supply or faulty wiring connected to the drivers. The device can control up to eight 50-watt LED drivers (using external drivers, etc.)

ADDITIONAL INFORMATION

LEFT ROTATED OPTICS

File No: BLS-18-0013
BLS-18-0013

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BEACON

HUBBELL

VIPER S

SMALL SPEED LUMINAIRE

DATE _____	LOCATION _____
TYPE _____	PROJECT _____
DRAWING # _____	

ADDITIONAL INFORMATION (CONTINUED)

SMALL RETURN

EMA

Config.	EMA
1	87
2 @ 90°	106
2 @ 180°	134

Config.	EMA
3 @ 120°	168
3 @ 90°	173
4 @ 90°	212

TENON TPO/PCLE BRACKET ACCESSORIES ORDER SEPARATELY.

(2 3/8" OD mount)

TENON TPO/PCLE BRACKET ACCESSORIES (Order Separately)

- ☐ **SETPOINT** - Setpoint bracket (at 90° to A) - Bending plate (no mounting clip only)
- ☐ **RETENAP** - Acoustical adapter (at 90° to A) - Universal demounting clip (no mount)
- ☐ **SETNOCK** - Setpoint bracket (at 90° to A) - Universal demounting clip only
- ☐ **RETENCK** - Acoustical adapter (at 90° to A) - Universal demounting clip only

HOUSE SIDE SHEET FIELD INSTALL ACCESSORIES

90° return on a side sheet
(2 3/8" hole on side)

90° return on a side sheet
(setpoint bracket on right, optional)

270° return on a side sheet
(setpoint bracket on side, optional)

270° return on a side sheet
(setpoint bracket on right, optional)

90° return on a side sheet
(2 3/8" hole on side)

Page 3 of 3 - 06/01/23

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HABELL
LIGHTING

VIPER S

SMALL VESSEL LIGHTFARE

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CIRCUIT NO.: _____

ADDITIONAL INFORMATION (CONTINUED)

AD ARM MOUNTING INSTRUCTIONS

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Fig. 900-000-0000

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HUBBELL
Lighting

SB - SITE AREA LIGHT - 10 FT MOUNTING HEIGHT

BEACON

SLIDE Series

ARCHITECTURAL AREA LUMINAIRE

DATE	LOCATION
TYPE	PROJECT
CATEGORY	

RELATED PRODUCTS

□ COOLER

□ SET1

FEATURES

- Sleek, minimalist designed light fixture, oriented to provide the ultimate in flexibility and spot lighting
- Castor gaskets form a gasket around the 3 different top shades, 3 LED weights, and 5 different full color lighting distributions
- Available in finished aluminum housing materials and energy efficiency
- Available with a range of LED radiant types, for use in mounting through entrance ceiling luminaires applications

CONTROL TECHNOLOGY

SPECIFICATIONS

CONSTRUCTION

- One piece cast extruded aluminum body with an LED ring, LED lamps, optics and castor disk and track that rotate
- Cast disk is lock together and can be rotated
- Castor disk can be locked to the front or to the back and lock mechanism is a one piece spring system
- The castor wheels and micro-cubical polyethylene disk can rotate
- Castor wheels will rotate around each individual LED

- Beacon is polymer coated and electrostatically applied and thermocured
- Beacon V finish consists of a three stage paint system with a different primer, primer, top coat and clear coat
- The top coat is a two stage clear coat
- The finish meets the AAMA 2607 performance specification which includes providing a 3000 hour test using fog for corrosion resistance and salt water testing for corrosion resistance
- The finish meets the AAMA 2607 salt water surface corrosion test of up to 100 inch-pounds

OPTICS

- 1000° beam, 27°/15° beam, 45° beam, up to 50° to 50° beam

Power factor is 100 at all angles

- All electrical components are rated at 1000V
- All components are tested and are certified per MIL-207 Norm 2

OPTICS CONTINUED

- Dimming options are standard with connections for optional computer equipment available upon request
- Computer controlled dimming within the luminaire uses very low power than 50% of rated watt and is tested for 10,000 hrs at 5000°C or 50°C or higher
- High efficiency are tested for 10,000 hrs at 5000 VAC or higher 100V using optics to prevent LED burn out

ELECTRICAL

- The product construction that is aluminum, precuttable the design to be used in a variety of applications and can be used to 3'000 x 4'00 ft beams and the secured for three feet and fast corners
- The housing is designed for an optional solid rock optic that is replaceable
- Ambient operating temperature at 40°C to 40°C
- Thermal cutoff is designed at 700°C, allowing the luminaire to shut off power in the event of an interruption of the power supply or faulty wiring connection to the luminaire. The device is able to comply with all IEC 60000 current sensitive luminaire applications, including dimmers, etc.)

CERTIFICATIONS

- Listed to UL984 and CSA22.2 #250-24-10 wet locations and ENEC different temperatures
- ENEC approved
- ENEC 2

VARRANTY

- 5 year warranty
- See the Beacon Warranty for additional information

KEY DATA

Lumen Range	2,434-10,322
Weight Range	22-110
Efficiency Range (lm/W)	82-97
Required Life Span	100,000,000
Weight loss (mg)	35.91 grams

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HUBBELL

[illegible]



ILLUMINARE

PERFORMANCE DATA

# of CUL	Nominal Voltage	System Type	5K 6000K NOMINAL 10 CUL					4K 4000K NOMINAL 10 CUL					3K 3000K NOMINAL 10 CUL					
			Dist. Lumens	LPW*	U	V	U	Dist. Lumens	LPW*	U	V	U	Dist. Lumens	LPW*	U	V	U	
24	277V		2	275	98	1	0	1	2768	508	1	0	1	2475	93	1	0	1
			3	273	98	1	0	1	2767	508	1	0	1	2355	93	1	0	1
			4	274	99	1	0	1	2762	502	1	0	1	2360	94	1	0	1
			4W	2584	93	1	0	1	2594	505	1	0	1	2420	83	1	0	1
			10	2611	93	1	0	1	2550	505	2	0	1	2376	88	2	0	1
			5W	2623	92	2	0	1	2620	502	2	0	1	2487	87	2	0	1
24	700mA	55W	5W	2822	92	2	0	1	2915	925	2	0	1	2709	97	2	0	1
			2	500	90	1	0	1	5187	94	1	0	1	4772	87	1	0	1
			3	5038	98	1	0	1	5182	94	1	0	1	4759	87	1	0	1
			4	5050	93	1	0	1	5240	95	1	0	1	4829	88	1	0	1
			4W	4788	87	1	0	1	4926	89	1	0	1	4542	83	1	0	1
			10	5294	92	2	0	1	5468	93	2	0	1	5029	96	2	0	1
48	700mA	100W	5W	5202	95	2	0	1	5482	98	2	0	1	4989	90	2	0	1
			5W	5232	95	3	0	1	5394	98	3	0	1	4963	90	3	0	1
			2	7547	98	1	0	1	7739	94	1	0	1	7158	88	1	0	1
			3	7542	98	1	0	1	7745	94	1	0	1	7164	88	1	0	1
			4	7540	87	1	0	1	7876	95	1	0	1	7246	87	1	0	1
			10	8163	97	2	0	1	8426	89	1	0	1	8282	89	1	0	1
36	700mA	80W	5W	5645	95	3	0	1	5939	97	4	0	1	5326	90	3	0	1
			5W	5676	95	3	0	1	6015	98	3	0	1	5420	90	3	0	1
			5W	5685	95	3	0	1	6022	97	3	0	1	5474	90	3	0	1
			2	8086	98	2	0	1	8203	94	2	0	1	7643	88	2	0	1
			3	8057	98	1	0	1	8168	94	1	0	1	7659	88	1	0	1
			4	8086	92	1	0	1	8071	95	1	0	1	7583	87	1	0	1
48	700mA	100W	4W	9677	98	1	0	1	9									

**PRELIMINARY
NOT FOR
CONSTRUCTION**

no.	date	description

HIGHLIGHTS

623 S MESA DR
MESA, AZ 85210

PROJECT NO: 23065
DATE: 09/18/23



atmosphere architects
p.o. box 5267
mesa, az 85211

contact: Tim Boyle
email: tim@atmosarch.com
tel: 917-526-0323

LIGHTING CUT SHEET AS902
