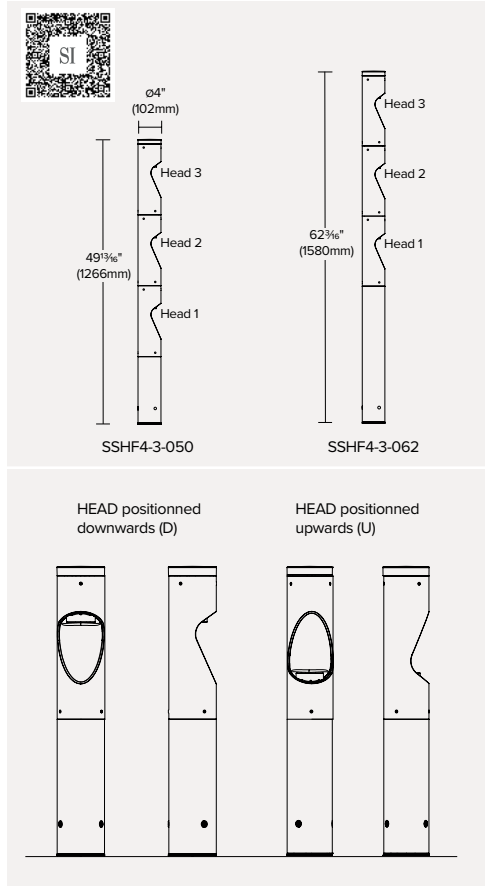


Project: \_\_\_\_\_  
Type: \_\_\_\_\_



Family of bollards integrating adjustable spotlight in the cylindrical shape of the pole that can be independently controlled and freely rotated on their axis.

## PHOTOMETRIC SUMMARY

Model	Power (W)	Optic	Lumens (lm)	Efficacy (lm/W)	Candela (cd)	BUG
SSH4-3-050-930-XSPX SSH4-3-062-930-XSPX	14.7	16°	719	49	5 808	B0 U1 G0
SSH4-3-050-930-XFLX SSH4-3-062-930-XFLX		51°	995	68	1 357	B0 U1 G0
SSH4-3-050-930-XELX SSH4-3-062-930-XELX		19° x 54°	527	36	1 793	B0 U1 G0

For 3000K, 90CRI. Consult [page 5](#) for full photometric data.

## FEATURES

- 0-10V, DALI, DMX, (120-277V) down to 1%, LTE (120V) down to 1%
- Remote LED driver options [page 2](#)
- Dimensions and adjustments [page 3](#)
- Mounting options [page 4](#)
- Full specification available [page 3](#)
- Consult factory for further customization

## FINISH OPTIONS

09

24

PREMIUM

01

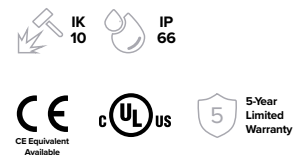
07

14

20

Consult factory for custom finishes

## OPTIC OPTIONS



## ORDERING INFO

PRODUCT CODE

EXAMPLE: Head 3, SSH4-3-050-927-1FLD-2FLD-3SPU-REM-09

MODEL	HEIGHT	LED	HEAD 1*	HEAD 2*	HEAD 3*	VOLTAGE	FINISH	
SSH4-3 Shift 4 Bollard Ø4" (102mm) with 3 heads	050 49 <sup>13</sup> / <sub>16</sub> " (1266mm)	927 2700K, 90CRI	1SPD Head 1 down, 16° optic.	2SPD Head 2 down, 16° optic.	3SPD Head 3 down, 16° optic.	REM Remote	09 Black	
		062 62 <sup>3</sup> / <sub>8</sub> " (1580mm)	1SPU Head 1 UP, 16° optic.	2SPU Head 2 up, 16° optic.	3SPU Head 3 up, 16° optic.		24 Anthracite gray	
	840 4000K, 80CRI	1FLD Head 1 down, 51° optic.	2FLD Head 2 down, 51° optic.	3FLD Head 3 down, 51° optic.			Premium 01 Whitit	
							07 Green	
		1FLU Head 1 up, 51° optic.	2FLU Head 2 up, 51° optic.	3FLU Head 3 up, 51° optic.			14 Aluminum gray	
							20 Burnished Bronze	
		1ELD Head 1 down, 19x 54° optic.	2ELD Head 2 down, 19X54° optic.	3ELD Head 3 down, 19X54° optic.				
		1ELU Head 1 up, 19x 54° optic.	2ELU Head 2 up, 19X54° optic.	3ELU Head 3 up, 19X54° optic.				

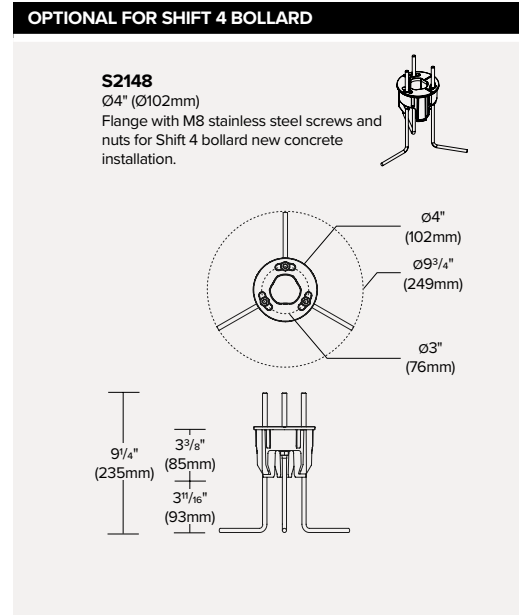
<sup>1</sup> Surcharge applies on premium finishes.

## MOUNTING ACCESSORIES

To be ordered separately.

MOUNTING ACCESSORY CODE

EXAMPLE:S2148



## SHIFT 4-3

*Bollard remote*

Project: \_\_\_\_\_

Type: \_\_\_\_\_

**REMOTE LED DRIVER OPTIONS**

To be ordered separately.

## DRIVER CODE

EXAMPLE: 4445-0500-009-120-LTE

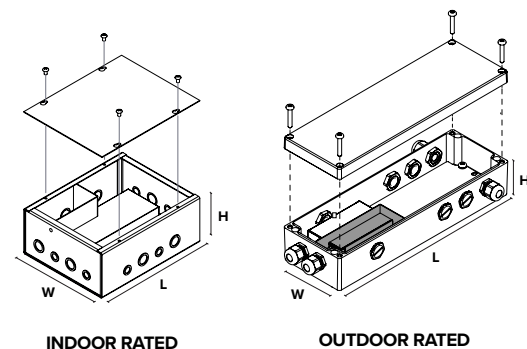
INDOOR RATED DRIVER BOX MODELS	MAX DISTANCE**	MIN-MAX UNITS	OUTDOOR RATED DRIVER BOX MODELS	MAX DISTANCE**	MIN-MAX UNITS
		CONSTANT CURRENT 350mA, 3 X 12.7W*			CONSTANT CURRENT 350mA, 3 X 12.7W*
D10			D10		
4448-0350-079-UNV-SD10	118ft (36m)	1 (heads controlled together)	4549-0350-079-UNV-SD10	118ft (36m)	1 (heads controlled together)
4450-0350-084-UNV-D10-6TRL	40ft (12m)	1-2 (heads controlled together)	4555-0350-084-UNV-D10-6TRL	40ft (12m)	1-2 (heads controlled together)
4450-0350-042-UNV-D10-3TRL		1 (heads controlled together)	4549-0350-042-UNV-D10-3TRL		1 (heads controlled together)
DALI			DALI		
4449-0350-114-UNV-DDA-3TRL	118ft (36m)	1-2 (heads controlled separately)	4555-0350-114-UNV-DDA-3TRL	118ft (36m)	1-2 (heads controlled separately)
4449-0350-076-UNV-DDA-2TRL		1 (heads controlled separately)	4555-0350-076-UNV-DDA-2TRL		1 (heads controlled separately)
DMX			DMX		
4450-0350-050-UNV-PDMX	118ft (36m)	1 (heads controlled separately)	4549-0350-050-UNV-PDMX	118ft (36m)	1 (heads controlled separately)
LTE			LTE		
4450-0350-084-120-LTE-6TRL	40ft (12m)	1-2 (heads controlled together)	4555-0350-084-120-LTE-6TRL	40ft (12m)	1-2 (heads controlled together)
4450-0350-042-120-LTE-3TRL		1 (heads controlled together)	4549-0350-042-120-LTE-3TRL		1 (heads controlled together)

\* Wattage requirement for one (1) fixture.

\*\*Max distance cable calculated for 16AWG cable. Contact customer service for longer remote distance.

**DRIVER BOX MODEL DESCRIPTION**

MODEL (L x W x H)	CONSTANT CURRENT	WATTAGE	VOLTAGE	DIMMING PROTOCOL
<b>4448</b> 10" x 8" x 4" (254 x 203 x 102mm)	<b>0350</b> 350mA	<b>038 to 114</b> 38W to 114W	<b>120</b> 120V  <b>UNV</b> 120-277V	<b>D10</b> 0-10V down to 1%
<b>4449</b> 12" x 8" x 4" (304 x 203 x 102mm)				<b>SD10</b> 0-10V down to 0.1%
<b>4450</b> 8" x 8" x 4" (203 x 203 x 102mm)				<b>DDA</b> DALI down to 1%
<b>4549</b> 14.5" x 5" x 3.5" (368 x 127 x 89mm)				<b>PDMX</b> DMX RDM down to 1%
<b>4555</b> 13" x 9" x 4.5" (330 x 230 x 113mm)				<b>LTE</b> Leading and Trailing edge down to 1%

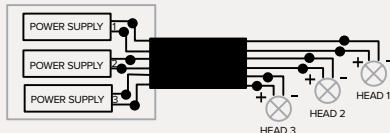
**DRIVER BOX DIMENSIONS**

INDOOR RATED

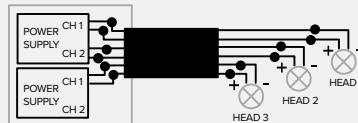
OUTDOOR RATED

**WIRING DIAGRAMS****D10 / LTE**

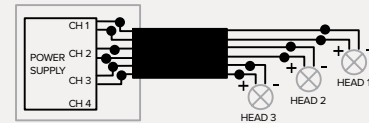
Multiple heads are controlled together and connected on different outputs.  
Wire for 3 heads: 6/18 AWG

**DALI**

Multiple heads are controlled separately and connected on different channels.  
Wire for 3 heads: 6/18 AWG

**DMX**

Multiple heads are controlled separately and connected on different channels.  
Wire for 3 heads: 6/18 AWG



## SPECIFICATIONS

### LUMEN MAINTENANCE

80% of initial lumens at 70 000 hours (L80 B10) Ta 77°F (25°C)  
80% of initial lumens at 50 000 hours (L80 B10) Ta 104°F (40°C) (LM-80)

### OPTICS

Spot 16°  
Wide flood 51°  
Elliptical 19° X 54°

### BUG RATING

For all optics,  
Head down 0°: B0 U1 G0  
Head 45°: B0 U1 G0

### MATERIAL

Body: Die-cast aluminum  
Diffuser: Toughened glass.

### MOUNTING

Install with flange accessory or fasten to solid ground.

### ADJUSTMENT

Each head can pan 355° and tilt 90°

### ELECTRICAL

Constant current 350mA.  
See remote LED driver options on [page 2](#)

### DIMMING

See dimmable options on [page 2](#)

### FINISH

Anthracite gray (24) or black (09) painted finish, following a double powder paint in 3 step process: surface treatment containing ceramic nano particles (Bonderite). Epoxy primer paint. Polyester powder paint with high resistance against UV rays and harsh weather conditions.  
See [page 1](#) for other premium finishes available: white (01), green (07), aluminum gray (14) and burnished bronze (20).  
Resistance test protection Marine applications : 1200h.  
We provide RAL numbers that are similar, but we cannot guarantee an exact color match. For a more accurate color and gloss match, please contact customer service for a sample chip.  
Similar RAL numbers:  
Anthracite gray RAL9007, black RAL9005, white RAL9016, green RAL6028, aluminum gray RAL9006 and burnished bronze RAL8019.

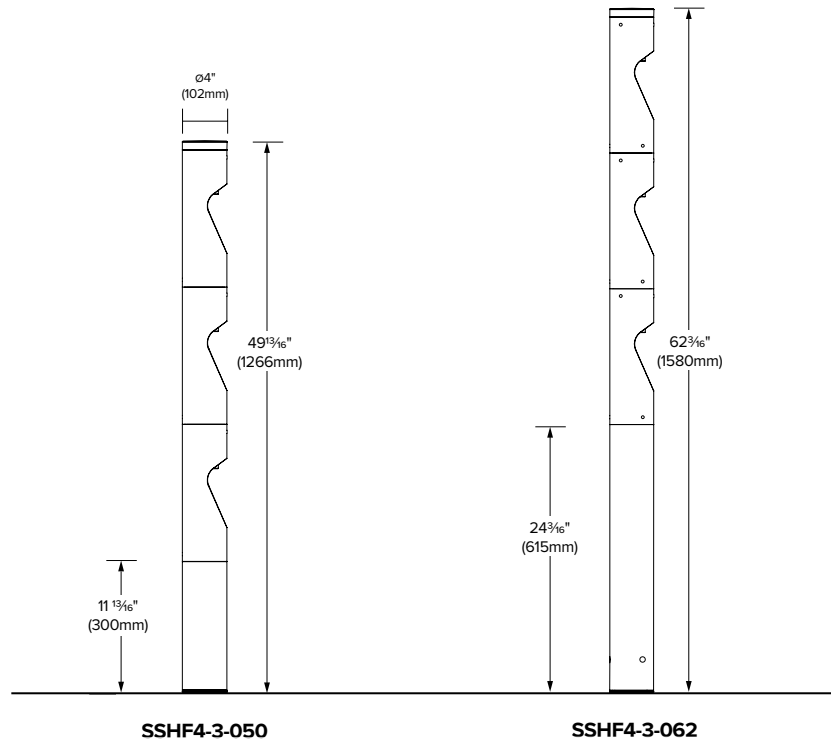
### OPERATING TEMPERATURE

-4°F to 122°F (-20°C a +50°C)

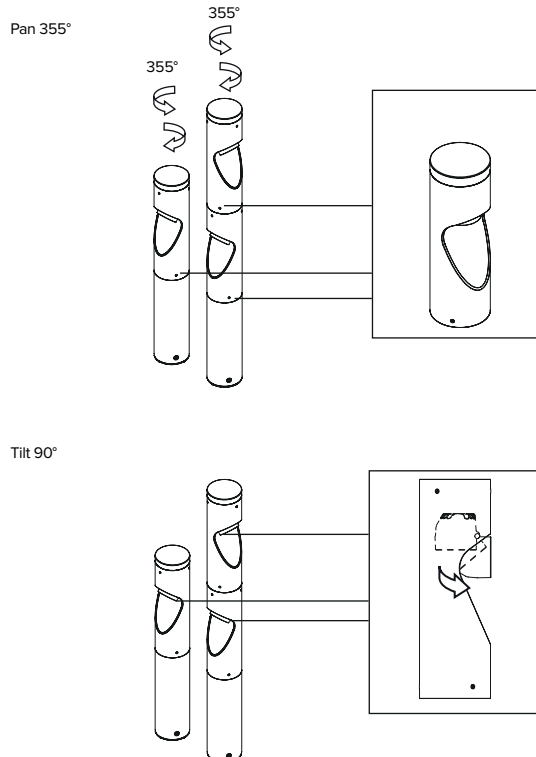
### WEIGHT

SSH4-3-050 H 49<sup>13</sup>/<sub>16</sub>" (1266mm) : 21.3lb (9.68kg)  
SSH4-3-062 H 62<sup>3</sup>/<sub>16</sub>" (1580mm) : 23.94lb (10.88kg)

## DIMENSIONS



## ADJUSTMENT

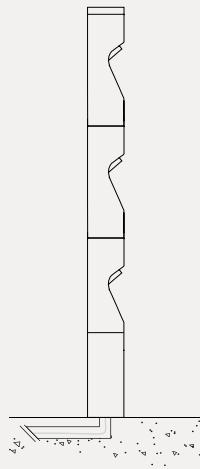


## SHIFT 4-3

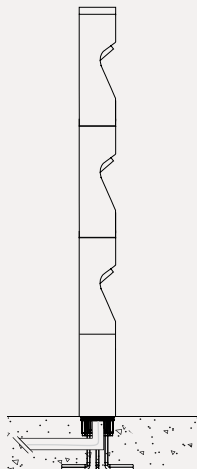
**Bollard remote**

Project: \_\_\_\_\_

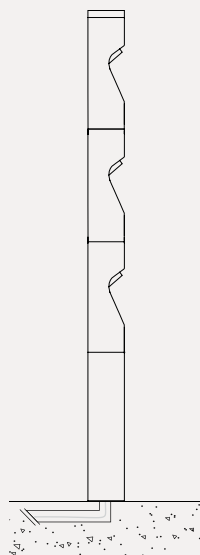
Type: \_\_\_\_\_

**MOUNTING OPTIONS****SHIFT 4-3-050**

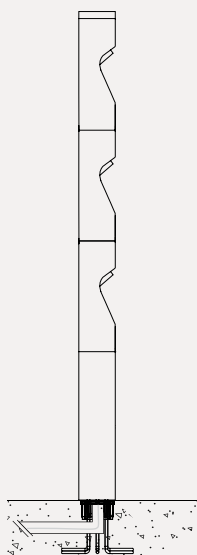
**REM** - Installed directly the fixture base to solid surface with recessed channel or gutter. Bolts and anchors not included. Use size #5/16 or M8 bolts.



**REM** - Mounting with flange, stainless steel screws included, (S2148) to be ordered separately, [page 1](#). For new installation with poured concrete and recessed channel or gutter.

**SHIFT 4-3-062**

**REM** - Installed directly the fixture base to solid surface with recessed channel or gutter. Bolts and anchors not included. Use size #5/16 or M8 bolts.

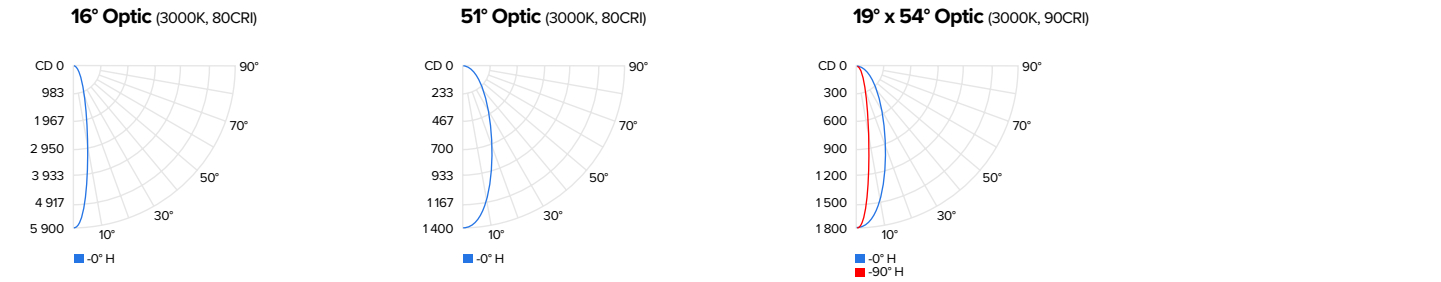


**REM** - Mounting with flange, stainless steel screws included, (S2148) to be ordered separately, [page 1](#). For new installation with poured concrete and recessed channel or gutter.

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

PHOTOMETRIC DATA

CCT (K)	CRI	POWER (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	BUG	MODELS
3000	90	3 x 14.7	16°	719	49	5 808	B0 U1 G0	SSHF4-3-0XX-930-XSPX
			51°	995	68	1 357		SSHF4-3-0XX-930-XFLX
			19° X 54°	527	36	1 793		SSHF4-3-0XX-930-XELX



CCT options	2700K	3000K	4000K
CRI options	90CRI	90CRI	80CRI
Multiplier	0.94	1	1.04

Use multiplier table for other cct and cri output data. efficacy based on iesna lm-79 test reports.