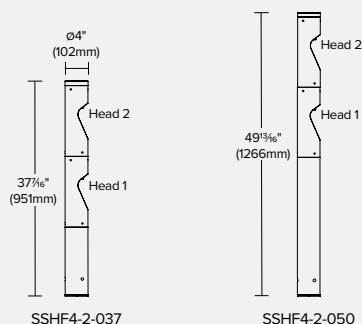


SHIFT 4-2

Bollard remote

Project: _____

Type: _____

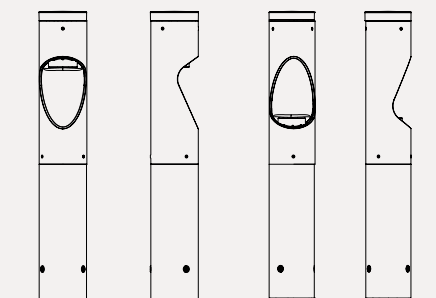


SSH4-2-037

SSH4-2-050

HEAD positionned downwards (D)

HEAD positionned upwards (U)



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
SSH4-2-037-930-XSPX SSH4-2-050-930-XSPX	14.7	16°	719	49	5 808	B0 U1 G0
SSH4-2-037-930-XFLX SSH4-2-050-930-XFLX		51°	995	68	1 357	B0 U1 G0
SSH4-2-037-930-XELX SSH4-2-050-930-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](#)
- Up to 1 additional heads [page 1](#)
- 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



16° optic 51° optic 19° X54° optic



ORDERING INFO

PRODUCT CODE

EXAMPLE: Head 3, SSH4-2-037-927-1FLD-2FLD-NA-REM-09

MODEL	HEIGHT	LED	HEAD 1*	HEAD 2*	HEAD 3*	VOLTAGE	FINISH
SSH4-2 Shift 4 Bollard Ø4" (102mm) with 2 head	037 37 1/8" (951mm)	927 2700K, 90CRI	1SPD Head 1 down, 16° optic.	2SPD Head 2 down, 16° optic.	NA No head 3	REM Remote	09 Black
		050 49 3/8" (1266mm)	1SPU Head 1 UP, 16° optic.	2SPU Head 2 up, 16° optic.			24 Anthracite gray
	050 49 3/8" (1266mm)	840 4000K, 80CRI	1FLD Head 1 down, 51° optic.	2FLD Head 2 down, 51° optic.			Premium ¹
			1FLU Head 1 up, 51° optic.	2FLU Head 2 up, 51° optic.			01 White
		840 4000K, 80CRI	1ELD Head 1 down, 19x 54° optic.	2ELD Head 2 down, 19x 54° optic.			07 Green
			1ELU Head 1 up, 19x 54° optic.	2ELU Head 2 up, 19x 54° optic.			14 Aluminum gray
							20 Burnished Bronze

*Additional heads can be added to Shift 4-2 Bollard. You can add 1 heads obtaining a configuration of maximum 3 heads. Heads can be controlled separately. See 3 head model or optional additional head specification sheet. Additional heads can be also turned upside down to light up.

¹ Surcharge applies on premium finishes.

MOUNTING ACCESSORIES

To be ordered separately.

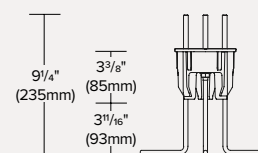
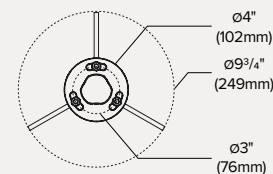
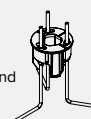
MOUNTING ACCESSORY CODE

EXAMPLE:S2148

OPTIONAL FOR SHIFT 4 BOLLARD

S2148

Ø4" (Ø102mm)
Flange with M8 stainless steel screws and nuts for Shift 4 bollard new concrete installation.



REMOTE LED DRIVER OPTIONS

To be ordered separately.

DRIVER CODE

EXAMPLE: 4445-0500-009-120-LTE

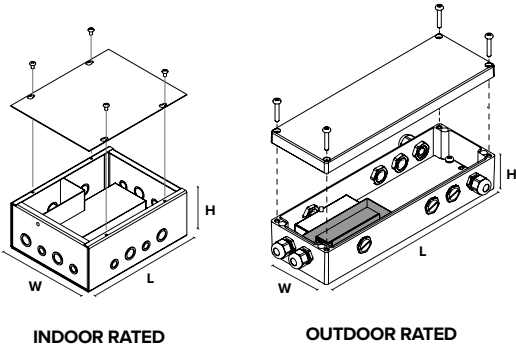
INDOOR RATED DRIVER BOX MODELS	MAX DISTANCE**	MIN-MAX UNITS	OUTDOOR RATED DRIVER BOX MODELS	MAX DISTANCE**	MIN-MAX UNITS
		CONSTANT CURRENT 350mA, 2 X 12.7W*			CONSTANT CURRENT 350mA, 2 X 12.7W*
D10			D10		
4448-0350-079-UNV-SD10	118ft (36m)	1-2 (heads controlled together)	4549-0350-079-UNV-SD10	118ft (36m)	1-2 (heads controlled together)
4450-0350-056-UNV-D10-4TRL	40ft (12m)	1-2 (heads controlled together)	4549-0350-056-UNV-D10-4TRL	40ft (12m)	1-2 (heads controlled together)
4450-0350-028-UNV-D10-2TRL		1 (heads controlled together)	4549-0350-028-UNV-D10-2TRL		1 (heads controlled together)
DALI			DALI		
4449-0350-076-UNV-DDA-2TRL	118ft (36m)	1-2 (heads controlled separately)	4555-0350-076-UNV-DDA-2TRL	118ft (36m)	1-2 (heads controlled separately)
4450-0350-038-UNV-DDA		1 (heads controlled separately)	4549-0350-038-UNV-DDA		1 (heads controlled separately)
DMX			DMX		
4450-0350-050-UNV-PDMX	118ft (36m)	1-2 (heads controlled separately)	4549-0350-050-UNV-PDMX	118ft (36m)	1-2 (heads controlled separately)
LTE			LTE		
4450-0350-056-120-LTE-4TRL	40ft (12m)	1-2 (heads controlled together)	4549-0350-056-120-LTE-4TRL	40ft (12m)	1-2 (heads controlled together)
4450-0350-028-120-LTE-2TRL		1 (heads controlled together)	4549-0350-028-120-LTE-2TRL		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
4448 10" x 8" x 4" (254 x 203 x 102mm)	0350 350mA	028 to 079 28W to 79W	120 120V UNV 120-277V	D10 0-10V down to 1%
4449 12" x 8" x 4" (304 x 203 x 102mm)				SD10 0-10V down to 0.1%
4450 8" x 8" x 4" (203 x 203 x 102mm)				DDA DALI down to 1%
4549 14.5" x 5" x 3.5" (368 x 127 x 89mm)				PDMX DMX RDM down to 1%
4555 13" x 9" x 4.5" (330 x 230 x 113mm)				LTE Leading and Trailing edge down to 1%

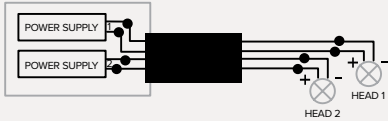
DRIVER BOX DIMENSIONS



WIRING DIAGRAMS

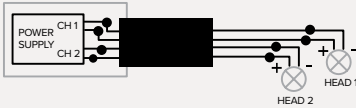
D10 / LTE

Multiple heads are controlled together and connected on different outputs.
Wire for 2 heads: 4/18 AWG



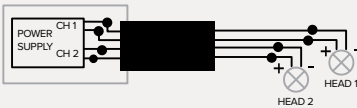
DALI

Multiple heads are controlled separately and connected on different channels.
Wire for 2 heads: 4/18 AWG



DMX

Multiple heads are controlled separately and connected on different channels.
Wire for 2 heads: 4/18 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

Boby: 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.

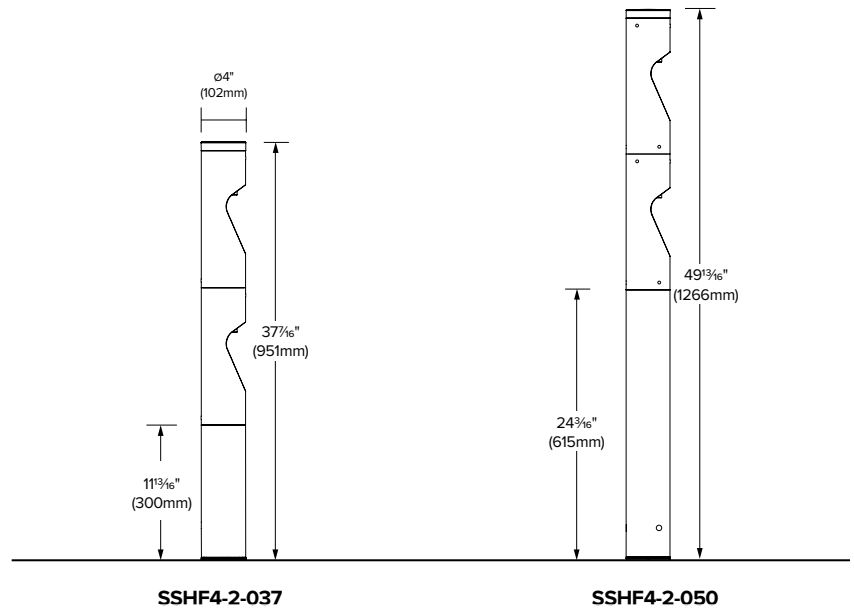
OPERATING TEMPERATURE

-4°F to 122°F (-20°C a +50°C)

WEIGHT

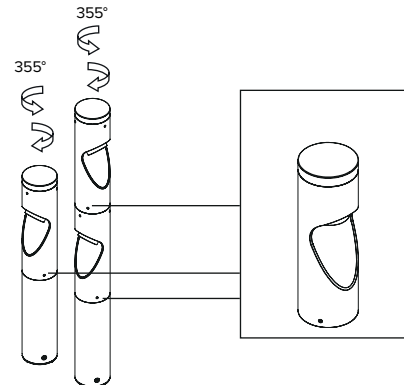
SSH4-2-037 H 37⁷/₁₆" (951mm) : 15.7lb (7.2 kg)
SSH4-2-050 H 49³/₁₆" (1266mm) : 18.3lb (8.32kg)
Additionnal Heads: H 12 ³/₁₆" (315mm) : 5.6lb (2.56 kg)

DIMENSIONS

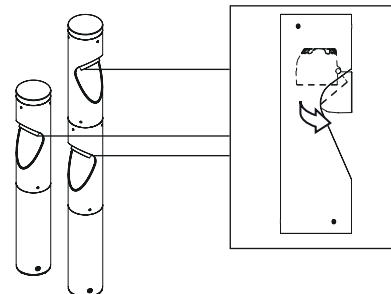


ADJUSTMENT

Pan 355°



Tilt 90°



SHIFT 4-2

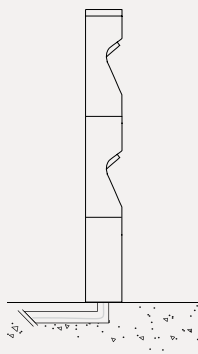
Bollard remote

Project: _____

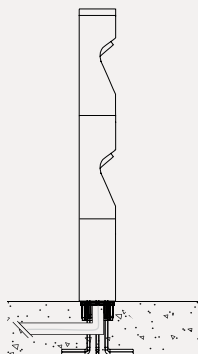
Type: _____

MOUNTING OPTIONS

SHIFT 4-2-037

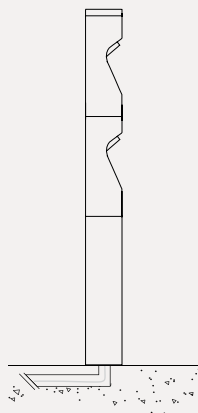


REM - Installed directly the fixture base to solid surface with recessed channel or gutter. Bolts and anchors not included. Use size #5/16 or M8 bolts.

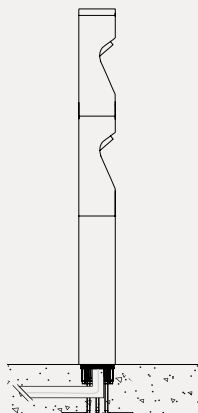


REM - Mounting with flange, stainless steel screws included, (S2148) to be ordered separately, [page 1](#). For new installation with poured concrete and recessed channel or gutter.

SHIFT 4-2-050



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.

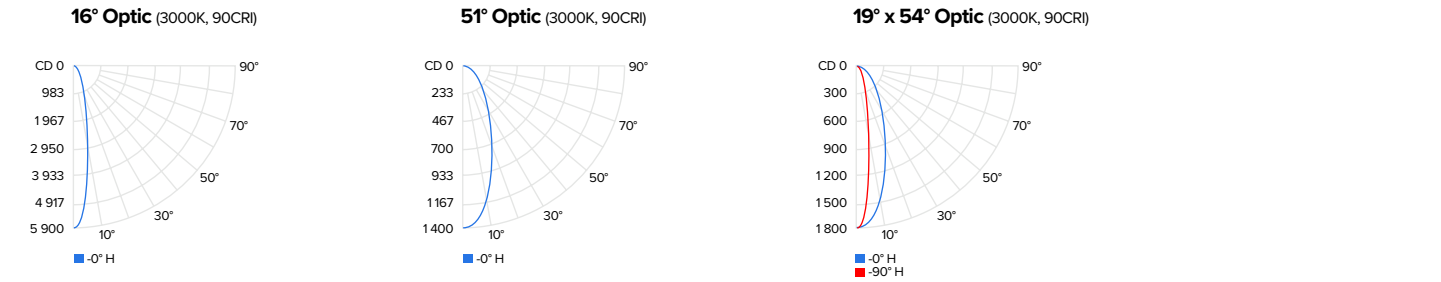


REM - Mounting with flange, stainless steel screws included, (S2148) to be ordered separately, [page 1](#). For new installation with poured concrete and recessed channel or gutter.

Project: _____
Type: _____

PHOTOMETRIC DATA

CCT (K)	CRI	POWER (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	BUG	MODELS
3000	90	2 x 14.7	16°	719	49	5 808	B0 U1 G0	SSH4-2-0XX-930-XSPX
			51°	995	68	1 357		SSH4-2-0XX-930-XFLX
			19° X 54°	527	36	1 793		SSH4-2-0XX-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.