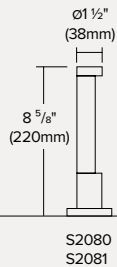


STICK 1.5

Bollard - Remote

Project: _____

Type: _____



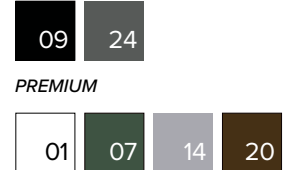
Stick is a family of cylindrical bollards with a simple and essential design, characterised by perfect uniformity of light all round. Available in three different sizes, each in two versions, single and double emission, Stick is particularly suitable for residential areas and guarantees a diffuse and homogeneous light beam. The Stick family, for its aesthetic and dimensional characteristics, completes the Microlighting collection designed to enhance outdoor residential spaces.

PHOTOMETRIC SUMMARY

Model	Power (W)	Optic	Lumens (lm)	Efficacy (lm/W)	Candela (cd)	BUG
S2080W	3.5	Single emission	63	18	50	B0 U1 G0
S2081W	5.5	Double emission	134	24	70	B0 U1 G0

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

FINISH OPTIONS



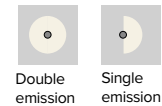
PREMIUM

Consult factory for custom finishes

FEATURES

- 0-10V, DALI, DMX, (120-277V) down to 1%, LTE (120V) down to 1%.
- Remote LED driver options [page 2](#)
- Additional sizing available with integral driver: STICK 3
- Additional sizing available with remote driver: STICK 3
- Dimensions [page 3](#)
- Mounting options [page 4](#)
- Full specification available [page 3](#)
- Consult factory for further customization

OPTIC OPTIONS



ORDERING INFO

PRODUCT CODE

EXAMPLE: S2080H-FW-REM-09

MODEL	LED	MOUNTING	VOLTAGE	FINISH
Stick 1.5 Ø1 1/2" (38mm) H8 5/8" (220mm)	H 2700K, 90CRI	FW Surface mounted with fixture whip	REM Remote	09 Black
S2080 Single emission	W 3000K, 90CRI			24 Anthracite gray
S2081 Double emission	N 4000K, 90CRI			Premium
				01 White
				07 Green
				14 Aluminum gray
				20 Burnished bronze

MOUNTING ACCESSORIES

To be ordered separately.

CONNECTION ACCESSORY CODE

EXAMPLE: S2088+CAN-149-KIT-09

STAKE IN POLYPROPYLENE

S2088
Stake for Stick 1.5
H220. Color: black



Dimension
Ø2.6" x 12"
(Ø66mm x 304mm)

Length
12"
(304mm)

Weight
0.24lb
(0.11kg)

JUNCTION BOX KIT FOR STICK 1.5

CAN-149-KIT

Ø 4.5" (114mm) to be installed on standard octagonal junction box using stainless steel screws for Stick 1.5. Indoor rated for dry or damp location.



09 - Black
24 - Anthracite gray

Premium

01 - White
07 - Green
14 - Aluminum gray
20 - Burnished bronze

Project: _____
Type: _____

REMOTE LED DRIVER OPTIONS

To be ordered separately.

DRIVER CODE

EXAMPLE: 4448-0350-019-UNV-SDA

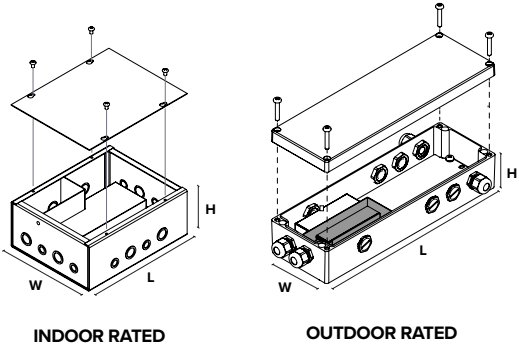
INDOOR RATED DRIVER BOX MODELS	MAX DISTANCE**	MIN-MAX UNITS		OUTDOOR RATED DRIVER BOX MODELS	MAX DISTANCE**	MIN-MAX UNITS	
		STICK 1.5 S2080 2.5W*	STICK 1.5 S2081 4.5W*			STICK 1.5 S2080 2.5W*	STICK 1.5 S2081 4.5W*
		SINGLE EMMISSION	DOUBLE EMMISSION			SINGLE EMMISSION	DOUBLE EMMISSION
4444-0700-004-120-LTE	118ft (36m)	1		4548-0700-004-120-LTE	118ft (36m)	1	
4450-0700-012-120-LTE			1-2	4548-0700-012-120-LTE			1-2
4450-0700-020-UNV-ED10		1-8	1-4	4549-0700-020-UNV-ED10		1-8	1-4
4450-0700-038-UNV-ED10		1-15	1-8	4549-0700-038-UNV-ED10		1-15	1-8
4448-0700-077-UNV-ED10		1-30 (max 15 per output)	1-8 (per output)	4549-0700-077-UNV-ED10		1-30 (max 15 per output)	1-16 (max 8 per output)
4450-0700-020-UNV-EDA		1-8	1-4	4549-0700-020-UNV-EDA		1-8	1-4
4450-0700-038-UNV-EDA		1-15	1-8	4549-0700-038-UNV-EDA		1-15	1-8
4448-0700-077-UNV-EDA		1-30 (max 15 per output)	1-16 (max 8 per output)	4549-0700-077-UNV-EDA		1-30 (max 15 per output)	1-16 (max 8 per output)
4450-0700-050-UNV-PDMX		1-20 (max 5 per channel)	1-10 (max 3 per channel)	4549-0700-050-UNV-PDMX		1-20 (max 5 per channel)	1-10 (max 3 per channel)

* Wattage requirement for one (1) fixture.
**Max distance cable calculated for 16AWG cable. Contact customer service for longer remote distance.

DRIVER BOX MODEL DESCRIPTION

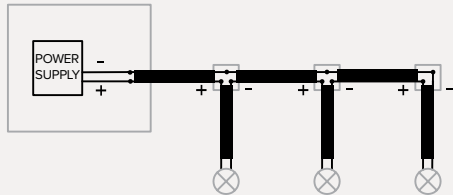
MODEL (L x W x H)	CONSTANT CURRENT	WATTAGE	VOLTAGE	DIMMING PROTOCOL
4444 6" x 4" x 3" (152 x 102 x 76mm)	0700 700mA	004 to 077 4W to 77W	120 120V UNV 120-277V	ED10 0-10V down to 1%
4448 10" x 8" x 4" (254 x 203 x 102mm)				EDA DALI down to 1%
4450 8" x 8" x 4" (203 x 203 x 102mm)				PDMX DMX RDM down to 1%
4548 6" x 4.5" x 3" (152 x 114 x 76mm)				LTE Leading and Trailing edge down to 1%
4549 14.5" x 5" x 3.5" (368 x 127 x 89mm)				

DRIVER BOX DIMENSIONS



WIRING DIAGRAMS

Multiple luminaires must be connected in series (home run or fixture chain).



STICK 1.5**Bollard - Remote**

Project: _____

Type: _____

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

Single and double emission.

BUG RATING

Single and double emission: B0 U1 G0

MATERIAL**Boby:** Die-cast aluminum**Diffuser:** Thermoplastic PMMA.**MOUNTING**

Install with junction box kit accessory, fasten to ground, or ground stake.

ELECTRICAL

Stick 1.5: Constant current 700mA. Comes with 16' (5m) of cable.

See remote LED driver options on [page 2](#).**DIMMING**Stick 1.5: 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).

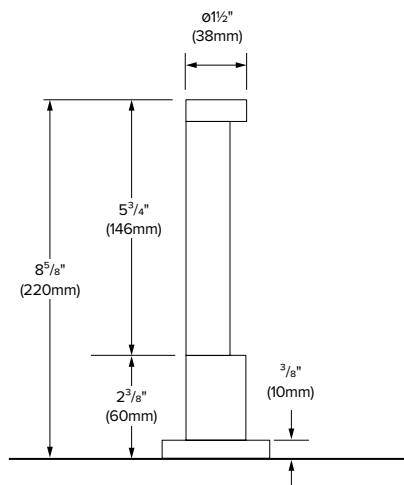
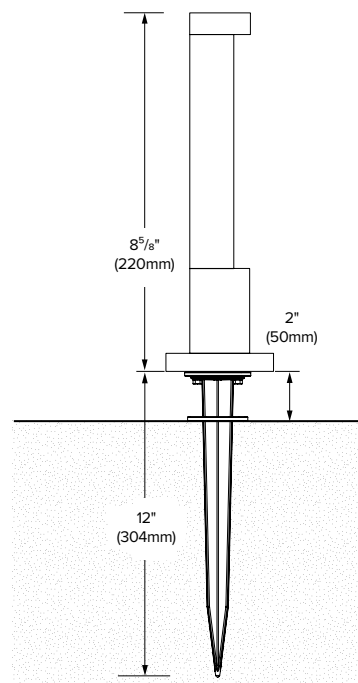
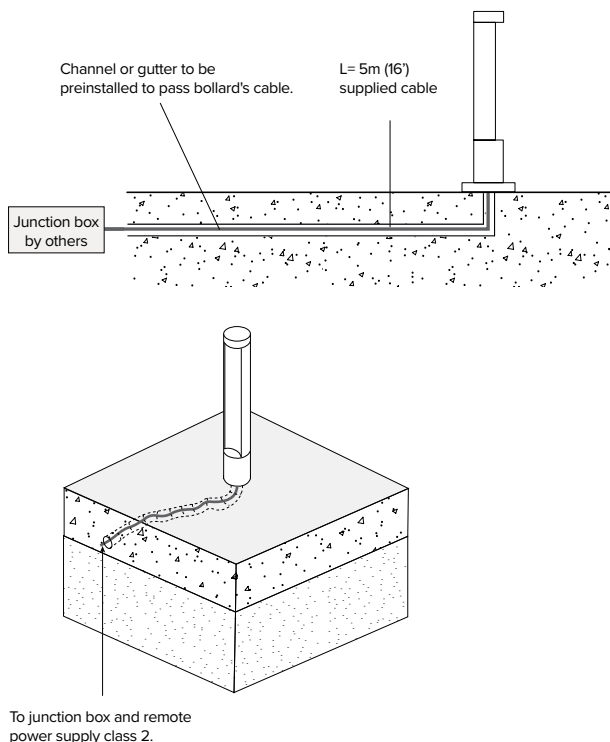
We provide RAL numbers that are similar, but we cannot guarantee an exact color match. For a more accurate color and gloss match, please contact customer service for a sample chip.

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**Stick 1.5** H=220, Single emission: 1.16lb (0.53kg)**Stick 1.5** H=220, Double emission: 1.12lb (0.51kg)**DIMENSIONS****ON GROUND****WITH STAKE****WIRING INFORMATION**

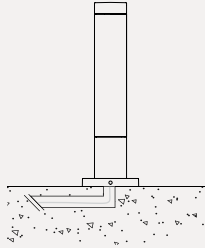
STICK 1.5

Bollard - Remote

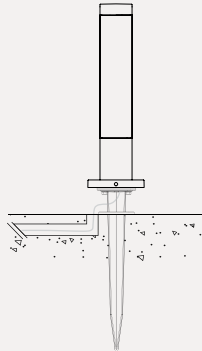
Project: _____
Type: _____

MOUNTING OPTIONS

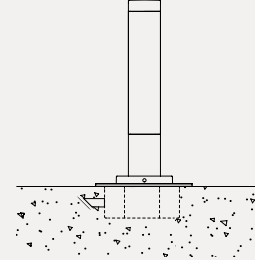
STICK 1.5 H8 5/8" (220mm)



FW-REM - Fixture whip to remote power supply. Installed directly to surface with recessed channel or gutter



FW-REM - Mounting on stake (S2088) to be ordered separately. 2" of the upper part stay out of the ground.



FW-REM - Fixture whip to remote power supply. Installed using the junction box kit accessory (CAN-149-KIT) to be ordered separately [page 1](#). Suitable for surface mounting with standard octagonal junction box. Indoor rated for dry or damp location.

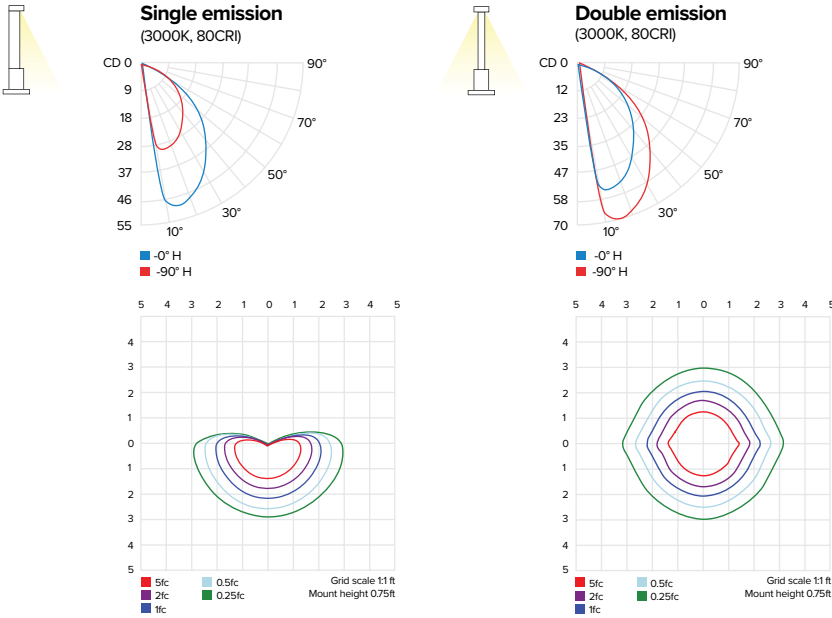
STICK 1.5
Bollard - Remote

Project: _____
Type: _____

PHOTOMETRIC DATA

CCT (K)	CRI	POWER* (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	BUG	MODELS
3000	90	3.5	Single emission	63	18	50	B0 U1 G0	S2080W
		5.5	Double emission	134	24	70		S2081W

*For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected.



CCT options	2700K	3000K	4000K
CRI options	90CRI	90CRI	90CRI
Multiplier	1	1	1.07