



# USM-10693

Smith Bollard

**LIGMAN**  
LIGHTING USA

PROJECT

DATE

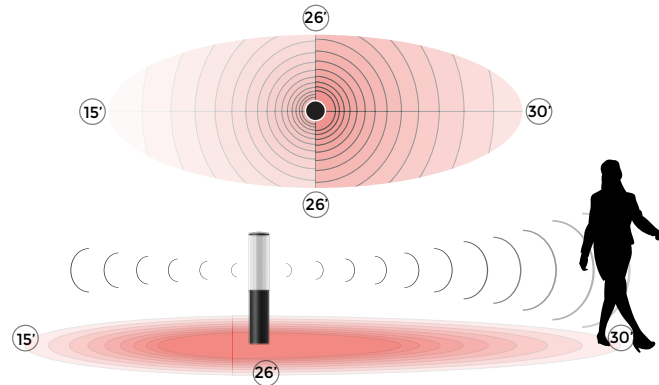
QUANTITY

TYPE

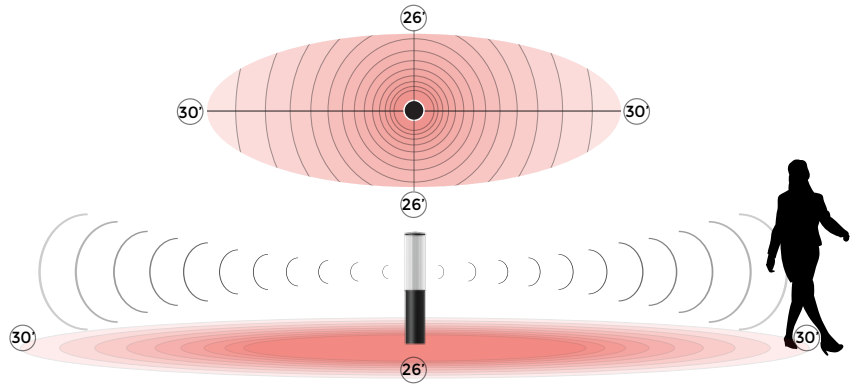
NOTE

ORDERING EXAMPLE || USM - 10693 - 33w - W30 - 02 - 120/277v - Options

## OCCUPANCY SENSOR OPTIONS



**OCC1**  
SINGLE OCCUPANCY SENSOR DETECTION RANGE  
[UNIVERSAL LEFT OR RIGHT DETECTION]



**OCC2**  
DUAL OCCUPANCY SENSOR DETECTION RANGE

\* The integrated, smart occupancy sensor can be programmed on site to function in a variety of ways.

Example: Simple on-off mode || DIM -> full light output on detection -> DIM | Off -> full bright on detection -> DIM for a set time with no detection -> off | DIM -> full bright on detection -> DIM

## USM-10693

LAMP

33w LED for 25" Lens  
1644 Lumens

18w LED for 12" Lens  
760 Lumens

LED COLOR

W27 - 2700K  
W30 - 3000K  
W35 - 3500K  
W40 - 4000K

FINISH COLOR

01 - BLACK RAL 9011  
02 - DARK GREY RAL 7043  
03 - WHITE RAL 9003  
04 - METALLIC SILVER RAL 9006  
05 - MATTE SILVER RAL 9006  
06 - LIGMAN BRONZE  
07 - CUSTOM RAL

VOLTAGE

120/277v  
Other - Specify

## ADDITIONAL OPTIONS

NAT - Natatorium Rated

DIM - 0-10v Dimming

HGT - Custom Bollard Height [Specify HGT=XX"]

A12891 - Security Bollard (12" Lens Only)

A12891-K4 - Rated Security Bollard (12" Lens Only)

A91591 - Lockable GFCI Box (Bollard Height 60")

PS - Perforated Shield

UL - Unlit Bollard

GFCI - GFCI Box

OCC1 - Single Occupancy Sensor

OCC2 - Dual Occupancy Sensor

### INSPIRED BY NATURE FINISHES

SW01 - OAK FINISH  
SW02 - WALNUT FINISH  
SW03 - PINE FINISH  
DF - DOUGLAS FIR FINISH  
CW - CHERRY WOOD FINISH  
NW - NATIONAL WALNUT FINISH  
SU01 - CONCRETE FINISH  
SU02 - SOFTSCAPE FINISH  
SU03 - STONE FINISH  
SU04 - CORTEN FINISH

THERE IS AN ADDITIONAL  
COST FOR THESE FINISHES

# Bollard occupancy sensor settings

Please specify factory setting requirements

## DIP Switch Settings (HC403VRC-KD)

### 1 Detection Range

Sensor sensitivity can be adjusted by selecting the combination on the DIP switches to fit precisely for each specific application.

|                          |     | 1 | 2 |      |
|--------------------------|-----|---|---|------|
| <input type="checkbox"/> | I   | ● | ● | 100% |
| <input type="checkbox"/> | II  | ● | ○ | 75%  |
| <input type="checkbox"/> | III | ○ | ● | 50%  |
| <input type="checkbox"/> | IV  | ○ | ○ | 10%  |

☐ I – 100%  
☐ II – 75%  
☐ III – 50%  
☐ IV – 10%

### 2 Hold-time

Select the dip switch configuration for the full brightness on-time after presense detection.

Please note that this function is disabled when the natural daylight exceeds the daylight threshold setting for more than 5 minutes.

|                          |     | 1 | 2 | 3 |       |
|--------------------------|-----|---|---|---|-------|
| <input type="checkbox"/> | I   | ● | ● | ● | 5s    |
| <input type="checkbox"/> | II  | ● | ● | ○ | 30s   |
| <input type="checkbox"/> | III | ● | ○ | ● | 1min  |
| <input type="checkbox"/> | IV  | ● | ○ | ○ | 5min  |
| <input type="checkbox"/> | V   | ○ | ● | ● | 10min |
| <input type="checkbox"/> | VI  | ○ | ● | ○ | 20min |
| <input type="checkbox"/> | VII | ○ | ○ | ○ | 30min |

☐ I – 5s  
☐ II – 30s  
☐ III – 1min  
☐ IV – 5min  
☐ V – 10min  
☐ VI – 20min  
☐ VII – 30min

### 3 Daylight Threshold

Set the level according to the fixture and environment. The light will not turn on if ambient lux level exceeds the daylight threshold preset.

Please note that the ambient lux level refers to internal light reaching the sensor.

Disabling the daylight sensor will put the sensor into occupancy detection only mode.

|                          |     | 1 | 2 |         |
|--------------------------|-----|---|---|---------|
| <input type="checkbox"/> | I   | ● | ● | Disable |
| <input type="checkbox"/> | II  | ● | ○ | 5.0fc   |
| <input type="checkbox"/> | III | ○ | ● | 1.0fc   |
| <input type="checkbox"/> | IV  | ○ | ○ | 0.2fc   |

☐ I – Disable  
☐ II – 5.0fc  
☐ III – 1.0fc  
☐ IV – 0.2fc

### 4 Stand-by period (corridor function)

This is the time period you would like to keep at the low light output level before it is completely switched off in the long absence of people.

Note: "0s" means on/off control;

"+ ∞" means the stand-by time is infinite and the fixture never switches off.

|                          |      | 1 | 2 | 3 |       |
|--------------------------|------|---|---|---|-------|
| <input type="checkbox"/> | I    | ● | ● | ● | 0s    |
| <input type="checkbox"/> | II   | ● | ● | ○ | 10s   |
| <input type="checkbox"/> | III  | ● | ○ | ● | 1min  |
| <input type="checkbox"/> | IV   | ● | ○ | ○ | 5min  |
| <input type="checkbox"/> | V    | ○ | ● | ● | 10min |
| <input type="checkbox"/> | VI   | ○ | ● | ○ | 30min |
| <input type="checkbox"/> | VII  | ○ | ○ | ● | 1H    |
| <input type="checkbox"/> | VIII | ○ | ○ | ○ | +∞    |

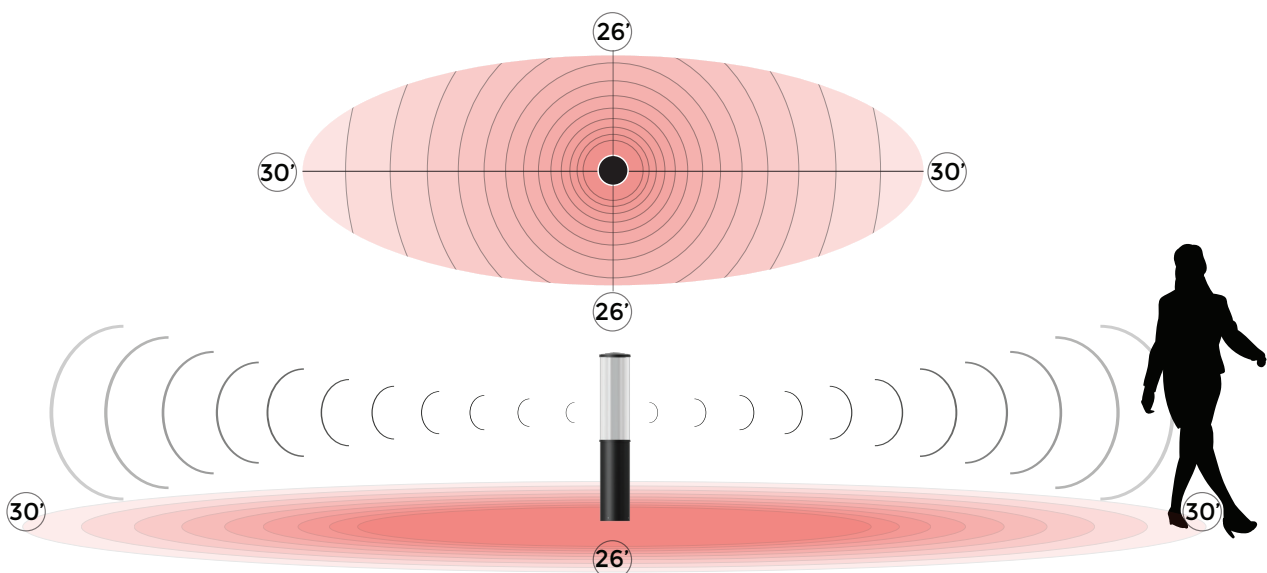
☐ I – 0s  
☐ II – 10s  
☐ III – 1min  
☐ IV – 5min  
☐ V – 10min  
☐ VI – 30min  
☐ VII – 1H  
☐ VIII – +∞

### 5 Stand-by dimming level

The setting is used to select the desired dimmed light level used in periods of absence for enhanced comfort and safety.

|                          |     | 1 | 2 |     |
|--------------------------|-----|---|---|-----|
| <input type="checkbox"/> | I   | ● | ● | 10% |
| <input type="checkbox"/> | II  | ● | ○ | 20% |
| <input type="checkbox"/> | III | ○ | ● | 30% |
| <input type="checkbox"/> | IV  | ○ | ○ | 50% |

☐ I – 10%  
☐ II – 20%  
☐ III – 30%  
☐ IV – 50%



# Smith Product Family

