



With Photocell



With PIR Sensor



ZONE2 is a slim and creative bollard light that caught our eye with its unique aesthetic design to help light up your project space. Intelligent controls such as PIR sensors, light control sensors to save on energy bills. IP66 and IK08 rated, 1/2 zone independent control, also features UV resistant polycarbonate optics for a variety of outdoor applications.

TECHNICAL DATA

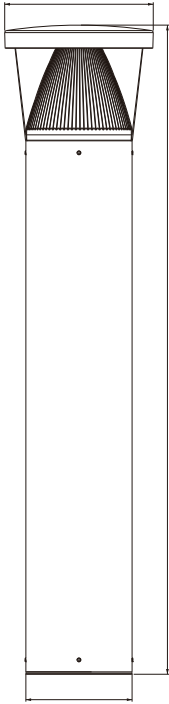
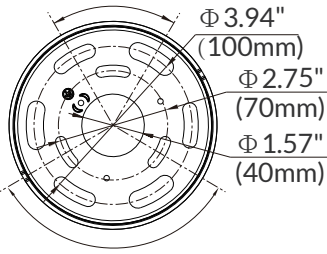
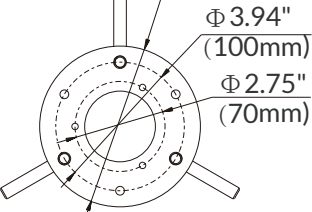
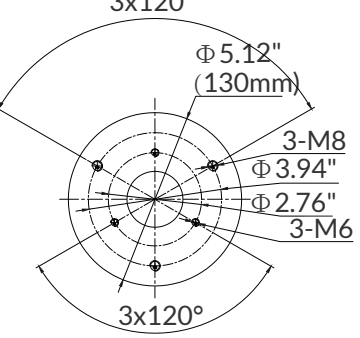
|                     |                          |
|---------------------|--------------------------|
| Wattage             | 25W/20W/15W              |
| CCT                 | 3000K/ 4000K/ 5000K      |
| CRI                 | 80                       |
| Driver              | 0-10V dimming            |
| Input Voltage       | AC120-347V               |
| Projected Lifetime  | 166,000 @ L70B50         |
| Operating Temp.     | -40°F-104°F (-40°C-40°C) |
| Power Factor        | >0.9 at full load        |
| Harmonic Distortion | <20% at full load        |
| IP Rating           | IP66                     |
| Surge protection    | 4KV L-N, 4KV L/N-E       |
| IK Rating           | IK08                     |
| Certifications      | ETL Listed               |

FEATURES

- Half zone area can be controlled independently.
- Up to 110 LPW @4000K 80Ra.
- Wattage and color temperature selectable.
- Intelligent PIR sensors and light control sensors available.

DIMENSION

Net Weight: 5.07kg (11.17lbs) for 32", 5.77kg (12.72lbs) for 42"

| Fixture                                                                                                                                                                               | Fixture Base                                                                                                                  | Standard Anchor Bolts                                                                                                                                                                                                                  | Backfilled Anchor Bolts                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>Φ 7.28" (Φ 185mm)</div><div>42"/32" (1067mm/813")</div><div>Φ 5.24" (Φ 133mm)</div></div> | <div><div>6x60°</div><div>3x120°</div></div> | <div><div>Φ 4.92" (125mm)</div><div>Φ 3.94" (100mm)</div><div>Φ 2.75" (70mm)</div><div>M8</div><div>1.77" (45mm)</div><div>7.09" (180mm)</div></div> | <div><div>3x120°</div><div>Φ 5.12" (130mm)</div><div>3-M8</div><div>Φ 3.94"</div><div>Φ 2.76"</div><div>3-M6</div><div>3x120°</div><div>Φ 0.94" (24mm)</div><div>2.76" (70mm)</div><div>20" (508mm)</div><div>Φ 1.89" (48mm)</div></div> |

PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

| Wattage | Lumen Output | AC Input 120V | CRI | CCT   |
|---------|--------------|---------------|-----|-------|
| 15W     | 1500 lm      | 0.13A         | 80  | 3000K |
| 20W     | 1950 lm      | 0.17A         | 80  | 3000K |
| 25W     | 2400 lm      | 0.21A         | 80  | 3000K |

## ORDERING INFORMATION

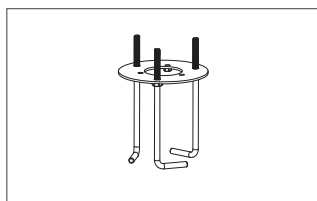
EXAMPLE: ZONE2-R-32H-25SPSW8-SD-BK

| ZONE2                       |            |                                        |                                                      |                                                          |               |                                                                            |                                                                    |                                     |
|-----------------------------|------------|----------------------------------------|------------------------------------------------------|----------------------------------------------------------|---------------|----------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------|
| Series                      | Shape      | Height                                 | Wattage                                              | CCT                                                      | Voltage       | Control                                                                    | Distribution                                                       | Finish                              |
| ZONE2<br>2 Zones<br>Bollard | R<br>Round | 32H<br>32" Height<br>42H<br>42" Height | 25SP<br>Selectable <sup>1</sup><br>25W<br>20W<br>15W | SW<br>Selectable <sup>2</sup><br>5000K<br>4000K<br>3000K | 8<br>120-347V | BLANK<br>0-10V dimming<br>PC<br>Photocell<br>MS<br>PIR Sensor <sup>3</sup> | SD<br>Selectable <sup>4</sup><br>Asymmetric 180°<br>Symmetric 360° | BK<br>Black <sup>5</sup><br>RAL9017 |

### NOTES:

1. The highest wattage is default setting.
2. 3000K is default setting.
3. Please refer to the last page for more sensor setting details.
4. This bollard has two lighting zones. Default setting: Two lighting zones are turned on (Symmetric 360°). If Asymmetric 180° is required, please turn OFF one zone that doesn't require lighting by the DIP switch on site.
5. Black is standard. Custom color is available at an additional charge.

## ACCESSORIES



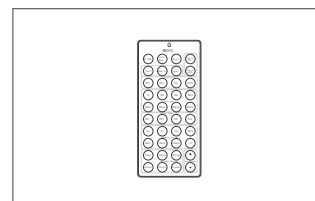
### ABMK-ZONE2

Anchor bolts mounting kits.



### ZONE2-BA

Backfilled Anchor.



### MR003

Sensor Remote Control.

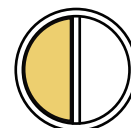
## LIGHT ZONE GUIDE

Each light zone can be turned ON or OFF by the DIP switch on site.

**Default setting: Two light zones are turned on.**



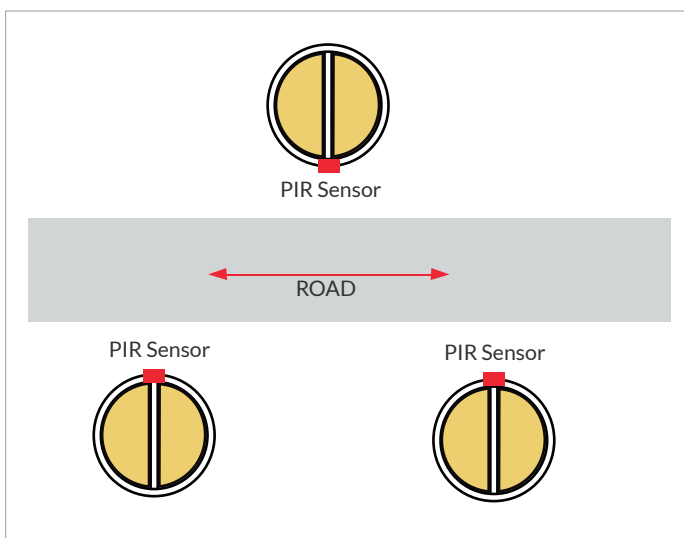
Two zones On



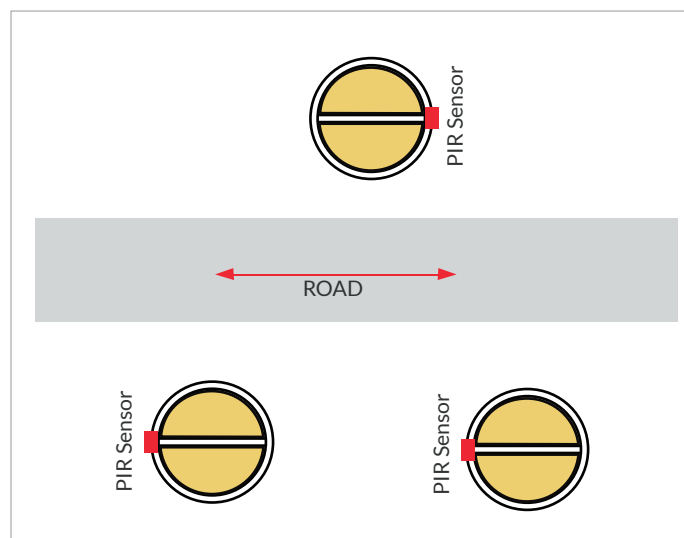
One zone On

## LAYOUT GUIDE FOR BOLLARD WITH PIR SENSOR

The PIR sensor needs to face the road directly.



**Recommended**

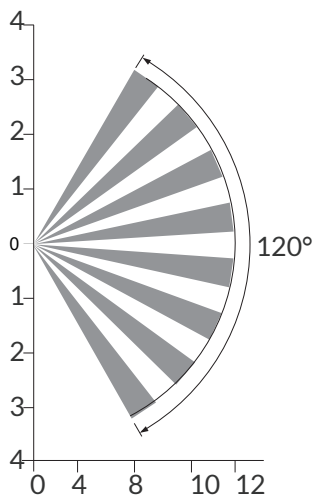


**NOT Recommended**

## SENSOR TECHNICAL DATA

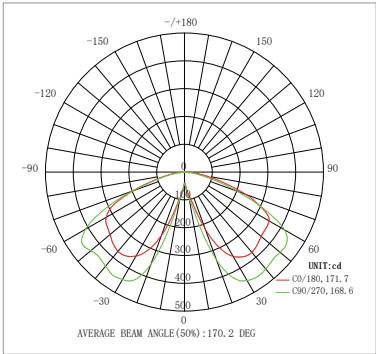
|                   |                                                                                                             |                                         |                                  |
|-------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------|
| Input             | Operating voltage                                                                                           | 5-15V DC                                |                                  |
|                   | Operating current                                                                                           | 10mA                                    |                                  |
| Output            | Output                                                                                                      | PWM                                     |                                  |
| Sensor Parameters | Sensitivity                                                                                                 | 100%/75%/50%/25%                        | Refer to Remote Controller MR003 |
|                   | Hold time                                                                                                   | 3s/30s/90s/3min/5min/15min /20min/30min |                                  |
|                   | Daylight threshold                                                                                          | 300Lux/100Lux/50Lux/15Lux /5Lux/Disable |                                  |
|                   | Stand-by period                                                                                             | 0s/5s/30s/3min/5min/15min /45min/+∞     |                                  |
|                   | Stand-by dimming level                                                                                      | 10%/20%/30%/50%                         |                                  |
|                   | Mounting height                                                                                             | Max. 18ft (6m) (ceiling mounted)        |                                  |
|                   | Detection range                                                                                             | 10-13ft (3-4m)                          |                                  |
|                   | Detection Angle                                                                                             | 120°                                    |                                  |
|                   | Operating temperature                                                                                       | -13°F -122°F (25°C~ +50°C)              |                                  |
|                   | IP rating                                                                                                   | IP65                                    |                                  |
|                   | Warranty                                                                                                    | 5 years                                 |                                  |
| Default Setting   | Sensitivity 100%, Hold time 90s, Stand-by Dimming Level 30%, Daylight threshold 50 Lux, Stand-by period +∞. |                                         |                                  |

## SENSOR DETECTION COVERAGE

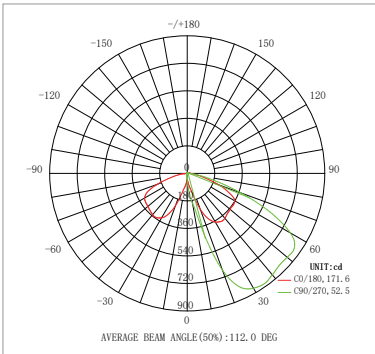


PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.



Full Zone Symmetric 360°



Half Zone Asymmetric 180°

BUG RATING TABLE

Performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory.

| Model                                 | BUG Rating |
|---------------------------------------|------------|
| ZONE2 15W 3000K/4000K/5000K full zone | B1-U1-G1   |
| ZONE2 25W 3000K/4000K/5000K full zone | B1-U1-G1   |
| ZONE2 15W 3000K/4000K/5000K half zone | B0-U1-G1   |
| ZONE2 25W 3000K/4000K/5000K half zone | B0-U1-G1   |
| ZONE2 15W 3000K/4000K/5000K full zone | B1-U1-G1   |
| ZONE2 25W 3000K/4000K/5000K full zone | B1-U1-G1   |
| ZONE2 15W 3000K/4000K/5000K half zone | B0-U1-G1   |
| ZONE2 25W 3000K/4000K/5000K half zone | B0-U1-G1   |

WARRANTY

5 year limited warranty.

Specifications subject to change without notice.