

# RMQV

## VANDAL REMOTE

### SINGLE LEXAN CUBE

### 6V, 12V, & 24V LED



The RMQV series of vandal resistant remotes provides reliable emergency lighting in applications typically prone to abuse and tampering. The internal, fully adjustable, single or double assembly is completely shielded by the heavy-duty Lexan cube. The one-piece, molded cube is internally finished with an anti-glare texturing. A steel mounting plate provides a solid base for the entire fixture. Available in 6V, 12V and 24V models, utilizing LED lamps.

## FEATURES & SPECIFICATIONS

### MECHANICAL

- Heavy-duty, one piece, molded Lexan cube lamp assembly shields
- Up to two small, lamp assemblies per cube in a variety of lamp wattages
- Each individual lamp assembly is fully adjustable and aimable

- 20 Gauge steel mounting plate c/w stamped universal spider knockout pattern
- Mounting plate - white powder coat finish standard, other colours optional
- Variety of lamp options:
  - 6VDC, 12VDC or 24VDC
  - LED lamps

### APPROVALS

- Compliant with CSA C22.2 #141-15

For complete warranty details, please see our terms and conditions on our website.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

## ORDERING GUIDE - LED

| RMQV   |                                                  |                                 |                  |           |                                       |          |
|--------|--------------------------------------------------|---------------------------------|------------------|-----------|---------------------------------------|----------|
| SERIES | NUMBER OF HEADS                                  | VOLTAGE (VDC)                   | WATTAGE (W)      | LAMP TYPE | COLOR                                 | OPTIONS  |
| RMQV   | 1 - ONE LAMP ASSEMBLY<br>2 - TWO LAMP ASSEMBLIES | 06 - 24V - 6 TO 24 OPERATIONAL  | 4W - 4           | LR - LED  | WHT - WHITE [STANDARD]<br>BLK - BLACK | VDR, WGD |
|        |                                                  |                                 | 5W - 5           | LA - LED  |                                       |          |
|        |                                                  | 12 - 24V - 12 TO 24 OPERATIONAL | 6W - 6<br>7W - 7 | LA - LED  |                                       |          |

## OPTIONS

| DESCRIPTION |                              |
|-------------|------------------------------|
| VDR         | TAMPER PROOF SCREWS          |
| WGD         | WIREGUARD (ORDER SEPARATELY) |

## LUMEN TABLE

| WATTS | LUMENS |
|-------|--------|
| 4W LR | 388    |
| 5W LA | 435    |
| 6W LA | 507    |
| 7W LA | 652    |

## WIREGUARD

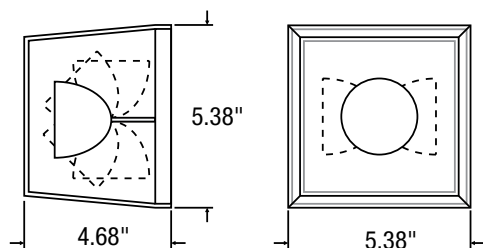
| PART NUMBER | DIMENSIONS     |
|-------------|----------------|
| WGD620-V2   | 11.5 X 9 X 8.5 |

Note: Please contact your AIMLITE customer service representative for more information.

## LEXAN GUARD

| PART NUMBER | DIMENSIONS     |
|-------------|----------------|
| PGD103      | 7 X 7.25 X 8.5 |

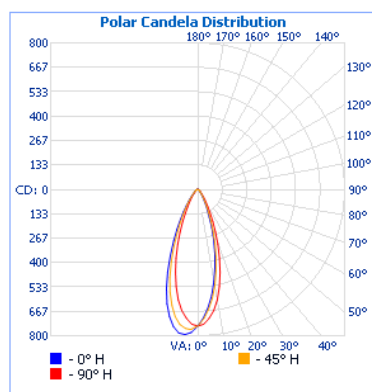
## DIMENSIONS



## PHOTOMETRIC DATA<sup>1</sup>

MR16-06-24V4WLR • 228.7LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

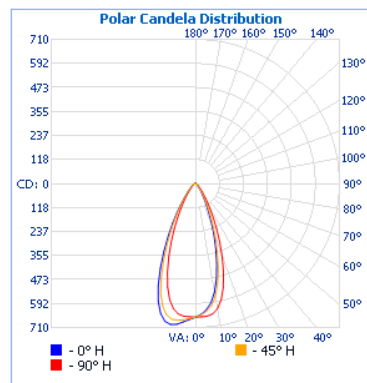
| ZONE   | LUMENS | % FIXTURE |
|--------|--------|-----------|
| 0-30   | 164.4  | 71.9      |
| 0-40   | 182.0  | 79.6      |
| 0-60   | 214.8  | 93.9      |
| 60-90  | 13.9   | 6.1       |
| 70-100 | 4.1    | 1.8       |
| 90-120 | 0      | 0         |
| 0-90   | 228.7  | 100       |
| 90-180 | 0      | 0         |
| 0-180  | 228.7  | 100       |

### ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC       |      |  | BEAM WIDTH |  |
|----------------------|------|--|------------|--|
| 1.7'                 | 168  |  | 1.1'       |  |
| 3.3'                 | 44.5 |  | 2.1'       |  |
| 5.0'                 | 19.4 |  | 3.2'       |  |
| 6.7'                 | 10.8 |  | 4.3'       |  |
| 8.3'                 | 7.04 |  | 5.3'       |  |
| 10.0'                | 4.85 |  | 6.4'       |  |
| ■ Beam Spread: 35.4° |      |  |            |  |

MR16-06-24V5WLA • 440.7LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

| ZONE   | LUMENS | % FIXTURE |
|--------|--------|-----------|
| 0-30   | 352.6  | 80        |
| 0-40   | 391.8  | 88.9      |
| 0-60   | 427.2  | 96.9      |
| 60-90  | 13.5   | 3.1       |
| 70-100 | 4.3    | 1         |
| 90-120 | 0      | 0         |
| 0-90   | 440.7  | 100       |
| 90-180 | 0      | 0         |
| 0-180  | 440.7  | 100       |

### ILLUMINANCE AT A DISTANCE

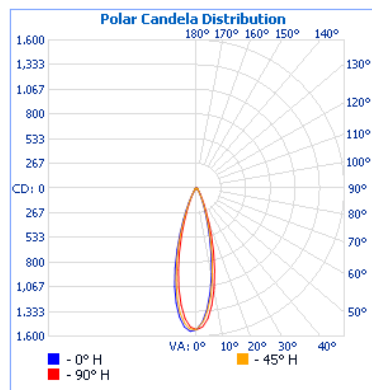
| CENTER BEAM FC                                        |      |  | BEAM WIDTH |      |
|-------------------------------------------------------|------|---------------------------------------------------------------------------------------|------------|------|
| 1.7'                                                  | 407  |                                                                                       | 0.9'       | 1.0' |
| 3.3'                                                  | 108  |                                                                                       | 1.7'       | 1.9' |
| 5.0'                                                  | 47.0 |                                                                                       | 2.6'       | 2.8' |
| 6.7'                                                  | 26.2 |                                                                                       | 3.5'       | 3.8' |
| 8.3'                                                  | 17.1 |                                                                                       | 4.3'       | 4.7' |
| 10.0'                                                 | 11.8 |                                                                                       | 5.2'       | 5.7' |
| <div>■ Vert. Spread: 29.3° ■ Hor. Spread: 31.7°</div> |      |                                                                                       |            |      |

<sup>1</sup> Complete IES files available on our website.

## PHOTOMETRIC DATA<sup>1</sup>

MR16-12-24V6WLA • 508.7LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

| ZONE   | LUMENS | % FIXTURE |
|--------|--------|-----------|
| 0-30   | 407.0  | 80        |
| 0-40   | 452.3  | 88.9      |
| 0-60   | 493.1  | 96.9      |
| 60-90  | 15.6   | 3.1       |
| 70-100 | 4.9    | 1         |
| 90-120 | 0      | 0         |
| 0-90   | 508.7  | 100       |
| 90-180 | 0      | 0         |
| 0-180  | 508.7  | 100       |

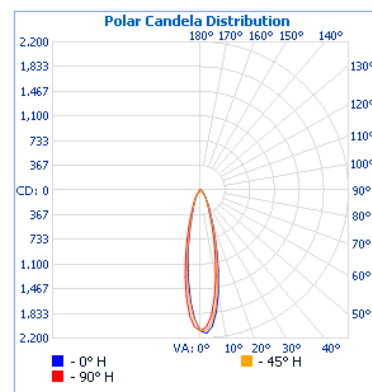
### ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC |      | BEAM WIDTH |      |
|----------------|------|------------|------|
| 1.7'           | 470  | 0.9'       | 1.0' |
| 3.3'           | 125  | 1.7'       | 1.9' |
| 5.0'           | 54.3 | 2.6'       | 2.8' |
| 6.7'           | 30.2 | 3.5'       | 3.8' |
| 8.3'           | 19.7 | 4.3'       | 4.7' |
| 10.0'          | 13.6 | 5.2'       | 5.7' |

■ Vert. Spread: 29.3° ■ Hor. Spread: 31.7°

MR16-12-24V7WLA • 635.2LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

| ZONE   | LUMENS | % FIXTURE |
|--------|--------|-----------|
| 0-30   | 508.2  | 80        |
| 0-40   | 564.7  | 88.9      |
| 0-60   | 615.7  | 96.9      |
| 60-90  | 19.5   | 3.1       |
| 70-100 | 6.1    | 1         |
| 90-120 | 0      | 0         |
| 0-90   | 635.2  | 100       |
| 90-180 | 0      | 0         |
| 0-180  | 635.2  | 100       |

### ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC |      | BEAM WIDTH |      |
|----------------|------|------------|------|
| 1.7'           | 587  | 0.9'       | 1.0' |
| 3.3'           | 156  | 1.7'       | 1.9' |
| 5.0'           | 67.8 | 2.6'       | 2.8' |
| 6.7'           | 37.8 | 3.5'       | 3.8' |
| 8.3'           | 24.6 | 4.3'       | 4.7' |
| 10.0'          | 16.9 | 5.2'       | 5.7' |

■ Vert. Spread: 29.3° ■ Hor. Spread: 31.7°

<sup>1</sup> Complete IES files available on our website.