

# RMQVD VANDAL REMOTE

## DOUBLE LEXAN CUBE 6V, 12V, & 24V LAMPS IN QUARTZ HALOGEN, TUNGSTEN OR LED



The RMQVD series of vandal resistant remotes provides reliable emergency lighting in applications typically prone to abuse and tampering. The lamp assemblies are completely shielded within a pair of heavy-duty, single piece, molded Lexan cubes. Each cube can house a single or double assembly. The durable, all steel cabinet utilizes a wrap-around cover plate for added protection and strength. Available in 6 V, 12 V and 24 V models, utilizing quartz halogen, tungsten or 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 centre housing c/w stamped universal spider knockout pattern

- White powder coat finish is standard, other colors are optional
- Variety of lamp options:
  - 6 VDC, 12 VDC or 24 VDC
  - Quartz halogen, tungsten or LED lamps

#### COMPLIANCE

- Compliant with CSA C22.2 #141-15
- Meets requirement of ICES-005

| OVERVIEW  |                   |
|---|-------------------|
| LIGHT SOURCE  | LED, INCANDESCENT |
| DC VOLTAGE (VDC)  | 6, 12, 24         |
|    |                   |

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

| RMQVD                            |                                  |                                  |               |           |                                       |          |
|----------------------------------|----------------------------------|----------------------------------|---------------|-----------|---------------------------------------|----------|
| SERIES                           | NUMBER OF LAMPS                  | VOLTS [VAC]                      | WATTS [W]     | LAMP TYPE | COLOR                                 | OPTIONS  |
| RMQVD                            | 1- 1 LAMP PER HEAD<br>(2 LAMPS)  | 06 - 24 6 TO 12                  | 4 W - 4 WATTS | LR - LED  | WHT - WHITE [STANDARD]<br>BLK - BLACK | VDR, WGD |
|                                  |                                  |                                  | 5 W - 5 WATTS | LA - LED  |                                       |          |
|                                  | 2- 2 LAMPS PER HEAD<br>(4 LAMPS) | 12 - 24 12 TO 24                 | 6 W - 6 WATTS | LA - LED  |                                       |          |
|                                  |                                  |                                  | 7 W - 7 WATTS |           |                                       |          |
|                                  | 1- 1 LAMP PER HEAD<br>(2 LAMPS)  | NUC - NUCLEUS DRIVER             | 5 W - 5 WATTS | LA - LED  |                                       |          |
| 2- 2 LAMPS PER HEAD<br>(4 LAMPS) | NUC - NUCLEUS DRIVER             | 2.5 W 2.5 WATTS<br>5 W - 5 WATTS |               |           |                                       |          |

## ORDERING GUIDE - INCANDESCENT

| RMQVD  |                                  |             |                             |                                       |          |
|--------|----------------------------------|-------------|-----------------------------|---------------------------------------|----------|
| SERIES | NUMBER OF LAMPS                  | VOLTS [VAC] | LAMP TYPE                   | COLOR                                 | OPTIONS  |
| RMQVD  | 1- 1 LAMP PER HEAD<br>(2 LAMPS)  | 06V - 6     | SEE LAMP<br>SELECTION CHART | WHT - WHITE [STANDARD]<br>BLK - BLACK | VDR, WGD |
|        |                                  | 12V - 12    |                             |                                       |          |
|        | 2- 2 LAMPS PER<br>HEAD (4 LAMPS) | 24V - 24    |                             |                                       |          |

## LAMP SELECTION

|   | 6 VOLTS | 12 VOLTS   | 24 VOLTS   |
|---|---------|------------|------------|
| <b>PAR18 • SMALL HEAD OR LED LAMP</b>         |         |            |            |
| QUARTZ HALOGEN                                |         | 10WQ, 20WQ |            |
| TUNGSTEN                                      | 09WT    | 09WT       | 09WT, 18WT |
| <b>MR16 • SMALL HEAD C/W MR16 OR LED LAMP</b> |         |            |            |
| QUARTZ HALOGEN                                | 10WQ    | 20WQ, 35WQ | 12WQ, 20WQ |

Note: Due to cabinet/space limitations, not all options are available for all models in any given combination. Please consult with your factory representative regarding specific options and exact cabinet dimension information.

## 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    |

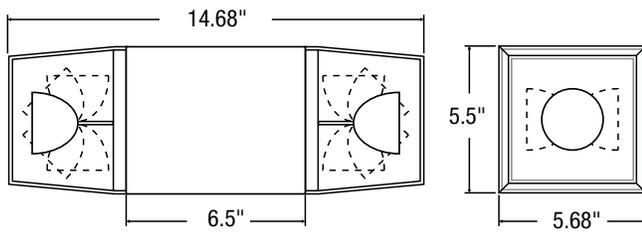
## WIREGUARD

| WITH HEAD(S) | CABINET A | PART NUMBER | DIMENSIONS (IN)     |
|--------------|-----------|-------------|---------------------|
|              |           | WGD590-V2   | 16.75 x 17.75 x 6.5 |

## LEXAN GUARD

| PART NUMBER | DIMENSIONS (IN) |
|-------------|-----------------|
| PGD111      | 19.75 x 14 x 8  |

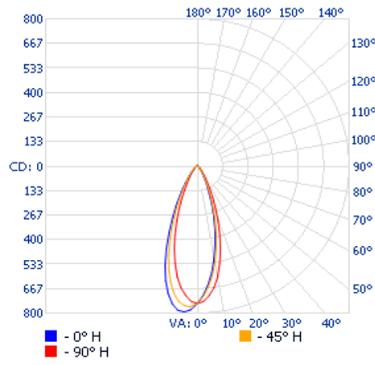
## DIMENSIONS



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

### MR16-06-24V4WLR • 228.7 LM

#### 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%      |

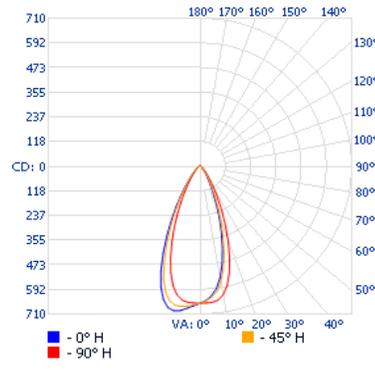
#### ILLUMINANCE AT A DISTANCE

| 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'       |  |

■ Vert. Spread: 35.4°

### MR16-06-24V5WLA • 440.7 LM

#### 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%      |

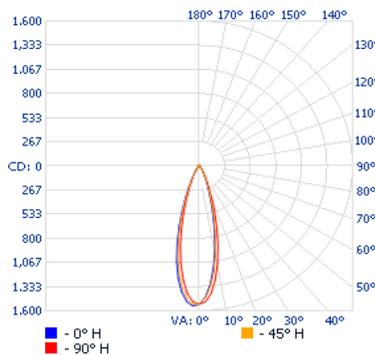
#### ILLUMINANCE AT A DISTANCE

| 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' |

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

### MR16-12-24V6WLA • 508.7 LM

#### 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' |

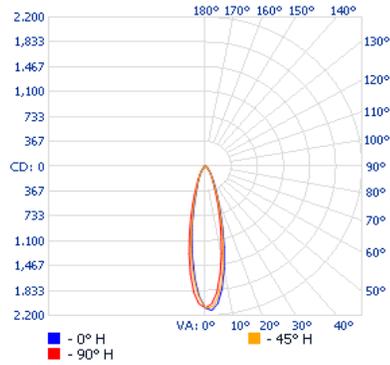
■ Vert. Spread: 29.3° ■ Hor. Spread: 31.7°

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

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

MR16-12-24V7WLA - 635.2 LM

### 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°