## **MAGIQ 8 CELL TRIMLESS**

#### A35130-

| base number | Color       | Finish  | Reflector |
|-------------|-------------|---------|-----------|
|             | Temperature | Options | Options   |

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

| Series: Magiq                                              |  |
|------------------------------------------------------------|--|
| Subseries: Magiq 8 Cell                                    |  |
| Brand: Prolicht                                            |  |
| Division: Architectural                                    |  |
| Mounting Type: Trimless                                    |  |
| Mounting Location: Ceiling                                 |  |
| Subcategory: Downlight                                     |  |
| PHYSICAL                                                   |  |
| Shape: Rectangle                                           |  |
| Length (mm): 267                                           |  |
| Length (in): 10 $\frac{1}{2}$                              |  |
| Width (mm): 35                                             |  |
| Width (in): $1\frac{3}{8}$                                 |  |
| Height (mm): 64                                            |  |
| Height (in): $2\frac{1}{2}$                                |  |
| Ceiling Thickness (mm): 12.5                               |  |
| Ceiling Thickness (in): 1/2                                |  |
| Min. Recessing Depth (mm): 100                             |  |
| Min. Recessing Depth (in): 3 <sup>15</sup> / <sub>16</sub> |  |
| Weight (kg): 0.737                                         |  |
| Weight (lbs): 1.61                                         |  |
| Fixture Finish: BLK / WHI                                  |  |
| Fixture Material: Aluminum Die Cast                        |  |
| Cut-out Measurements: 272mm / 10 11/16" x 42mm / 1 5/8"    |  |
| Upon Request: Unique Ceiling Thickness                     |  |

#### ELECTRICAL

| Lamp Type: LED (Zhaga Standard)                                                      |
|--------------------------------------------------------------------------------------|
| Input Wattage (W): 30.2                                                              |
| Total Output Wattage (W): 25.9                                                       |
| Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)<br>and 0-10V Dimming) |
| Driver Included: No                                                                  |
| Driver Location: Remote                                                              |
| Driver Type: Constant Current - Universal                                            |
| Driver Class: Class 2                                                                |
| Input Voltage (V): 120 - 277                                                         |
| Constant Current (MA): 1050                                                          |
|                                                                                      |

#### LED

| Number of LEDs: 8                                    |  |
|------------------------------------------------------|--|
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000    |  |
| Max. Delivered Lumen (lm): 1560 / 1700 / 1725 / 1760 |  |
| CRI: >90 CRI                                         |  |
| Lamp Life (hrs): 50000                               |  |
| Upon Request: Special Color Temperature              |  |
|                                                      |  |

### OPTICAL

Reflector°: 8 / 14 / 34 Upon Request: Special Beam Angles

### **RATINGS AND CERTIFICATIONS**

Certified By: CSA Certified to UL and CSA Standards IP rating: IP20

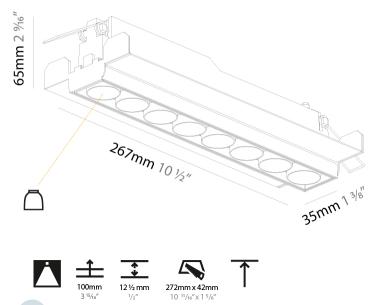
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In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

| PROJECT   |  |
|-----------|--|
| TYPE      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |





September 25, 2024, 1:58 pm

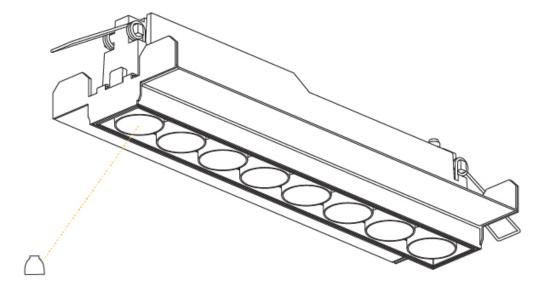
Page 1/6

**MAGIQ 8 CELL TRIMLESS** 

A35130-

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## **MAGIQ 8 CELL KORONA TRIMLESS**

#### A35136-

| A35136      | -           | -         | -         |
|-------------|-------------|-----------|-----------|
| base number | Color       | Finishes  | Reflector |
|             | Temperature | (Diamond) | Options   |

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL Series: Magic

| Series: Magiq                                                                                                                                   |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------|
| Subseries: Magiq 8 Cell Korona                                                                                                                  |      |
| Brand: Prolicht                                                                                                                                 |      |
| Division: Architectural                                                                                                                         |      |
| Mounting Type: Trimless                                                                                                                         |      |
| Mounting Location: Ceiling                                                                                                                      |      |
| Subcategory: Downlight                                                                                                                          |      |
| PHYSICAL                                                                                                                                        |      |
| Shape: Rectangle                                                                                                                                |      |
| Length (mm): 267                                                                                                                                |      |
| Length (in): 10 <sup>1</sup> / <sub>2</sub>                                                                                                     |      |
| Width (mm): 35                                                                                                                                  |      |
| Width (in): 1 <sup>3</sup> / <sub>8</sub>                                                                                                       |      |
| Height (mm): 65                                                                                                                                 |      |
| Height (in): $2^{9}_{16}$                                                                                                                       |      |
|                                                                                                                                                 |      |
| Ceiling Thickness (mm): 12.5                                                                                                                    |      |
| Ceiling Thickness (in): 1/2                                                                                                                     |      |
| Min. Recessing Depth (mm): 100                                                                                                                  |      |
| Min. Recessing Depth (in): 3 <sup>15</sup> / <sub>16</sub>                                                                                      |      |
| Light Distribution: Downlight                                                                                                                   |      |
| Weight (kg): 0.737                                                                                                                              |      |
| Weight (lbs): 1.61                                                                                                                              |      |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / M<br>LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CI |      |
| COM / ABZ / JAG / OBR / MOS / ROR                                                                                                               | 1107 |
| Holder Finish: WHI / BLK                                                                                                                        |      |
| Fixture Material: Aluminum Die Cast                                                                                                             |      |
| Cut-out Measurements: 273mm / 10 3/4" x 42mm / 1 5/8"                                                                                           |      |
| Upon Request: Unique Ceiling Thickness                                                                                                          |      |
| ELECTRICAL                                                                                                                                      |      |
| Lamp Type: LED (Zhaga Standard)                                                                                                                 |      |
| Input Wattage (W): 27                                                                                                                           |      |
| Total Output Wattage (W): 25.9                                                                                                                  |      |
| Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only                                                                                   | v)   |
| and 0-10V Dimming)                                                                                                                              |      |
| Driver Included: No                                                                                                                             |      |
| Driver Location: Remote                                                                                                                         |      |
| Driver Type: Constant Current - Universal                                                                                                       |      |
| Driver Class: Class 2                                                                                                                           |      |
| Input Voltage (V): 120 - 277                                                                                                                    |      |
| Constant Current (MA): 1050                                                                                                                     |      |
| LED                                                                                                                                             |      |
|                                                                                                                                                 |      |

#### Number of LEDs: 8

| Number of EEDS. 0                                         |
|-----------------------------------------------------------|
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000         |
| Max. Delivered Lumen (lm): MAX. 1561 / 1685 / 1721 / 1756 |
| Nominal Lumen (lm): MAX. 1760 / 1900 / 1940 / 1980        |
| CRI: >90 CRI                                              |
| Lamp Life (hrs): 50000                                    |
| Upon Request: Special Color Temperature                   |
|                                                           |

#### OPTICAL

| Ref | lecto | r°: 8 | /14 | / 34 |
|-----|-------|-------|-----|------|
|     |       |       |     |      |

| Upon Request: Special Beam Angles | Upon | Request: | Special | Beam | Angles |
|-----------------------------------|------|----------|---------|------|--------|
|-----------------------------------|------|----------|---------|------|--------|

#### RATINGS AND CERTIFICATIONS

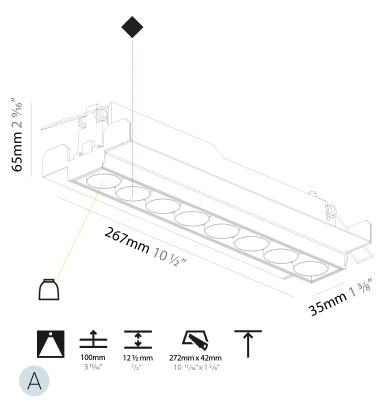
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| PROJECT   |      |      |      |
|-----------|------|------|------|
| TYPE      | <br> | <br> | <br> |
| SPECIFIER | <br> | <br> | <br> |
| QUANTITY  |      |      | <br> |
| DATE      |      | <br> | <br> |





# **ZANEEN**.

## MAGIQ 8 CELL KORONA TRIMLESS

A35136-

| DATE      |  |  |  |
|-----------|--|--|--|
| QUANTITY  |  |  |  |
| SPECIFIER |  |  |  |
| TYPE      |  |  |  |
| PROJECT   |  |  |  |



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### MAGIQ **COLOR FINISH CHART**

**Fixture Finish** 

PROJECT

| TROJECT   |  |  |  |
|-----------|--|--|--|
| ТҮРЕ      |  |  |  |
| SPECIFIER |  |  |  |
| QUANTITY  |  |  |  |
| DATE      |  |  |  |
|           |  |  |  |

| Black - BLK (BLK)      | White - WHI (WHI)         | Sparkling Silver - 01 (SSR) | Black Velvet - 02 (BKV) | Crystal White - 03 (CWI)             | Creamy - 04 (CRY)              |
|------------------------|---------------------------|-----------------------------|-------------------------|--------------------------------------|--------------------------------|
| Hampton Bay - 05 (HAB) | Urban Forest - 07 (UFT)   | In the Army - 08 (ITA)      | Rusty Angel - 09 (RUA)  | Fade to Gray - 12 (FTG)              | Mysterious Gray - 13 (MYG)     |
| Lost Dream - 15 (LOD)  | Purple Sky - 16 (PUS)     | Fresh Oh - 17 (FRO)         | Funky P 18 (FUP)        | Kissing Aphrodite - <u>19 (</u> KIA) | Poseidon's Paradise - 20 (POP) |
| Blue Sky - 21 (BLS)    | Spring Green - 22 (SPG)   | Mellow Yellow - 23 (MEY)    | Golden Heart - 24 (GOH) | Gun Metal - 25 (GUM)                 | Champagne Cream - 26 (CHC)     |
| Copper Mine - 27 (COM) | Ancient Bronze - 28 (ABZ) | Jazz Gold - 29 (JAG)        | Olive Breeze - 30 (OBR) | Moonlight Silver - 31 (MOS)          | Rosewood Red - 32 (ROR)        |

#### **Holder Finish**

#### Black - BLK (BLK)



Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens. Zaneen G**pդֈֈვiይვi: ዓ/ቶርብተ ፤ ኢትይምር ዓምራን አንደረስ የተለይምረ አስተምር አስተምር አስተምር አስተምር አስተምር አስተምር አስተምር አስተምር አስተምር አስተምር** 

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## ZANEEN.

## MAGIQ

PROJECT

TYPE SPECIFIER

QUANTITY

DATE

## LEGEND

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------|--------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------|
| _↓_                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | floor-mounted                                                | ¥       | pivotable                                                    | $\circledast$  | special LED (upon request) RGB, RGBW, tunable,<br>gold+, meat+, art+, fashion+                 |
| $\overline{}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | wall and ceiling: recessed and surface mounted               | C       | rotating                                                     | 0              | warm dim / natural dimming LED                                                                 |
| $\uparrow$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ceiling-mounted and wall-mounted                             | Œ       | illuminate tilted                                            | Ø              | rechargeable battery powered                                                                   |
| $\rightarrow$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | wall-mounted                                                 | T       | color of suspension cable                                    | 1111<br>1140   | fixture with natural vivid LED (upon request)                                                  |
| Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | omni-directional light distribution                          | +       | length of suspension cable                                   | CRI            | color rendering index                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | direct light distribution                                    | $\Box$  | reflector degree selection                                   | <b>°К</b>      | color temperature                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | direct/indirect light distribution                           | s s     | super spot                                                   | LM             | lumen (luminous flux)                                                                          |
| $\mathbf{\overline{\mathbf{x}}}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | indirect light distribution                                  | Å       | lens                                                         | ₩.             | efficacy (lumens per watt)                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | asymmetric light distribution                                | Ð       | lens pack                                                    | UGR            | Unified Glare Rating (UGR) range from 5-40                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | aura light distribution                                      | 0       | shine ring                                                   | 318            | marine grade (AISI 316 stainless steel)                                                        |
| R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | round wall or ceiling cut-out                                | $\odot$ | integrated shine ring with diffuser                          | ٢              | walk on                                                                                        |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | square wall or ceiling cut-out                               | Ċ       | free individual colors 01-29                                 | ۲              | drive on                                                                                       |
| d d                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | the supplied jig specifies the cutout dimensions             | Ċ       | individual colors: 00 (free of charge), 01-25 (extra charge) | <b>BSC</b>     | Dark Sky Compliance                                                                            |
| (++)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | minimum distance (meters) lamp - object                      | ۲       | luminaire part to be colored (F1)                            | Ġ              | Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) |
| £                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | recessed depth                                               |         | luminaire part to be colored (F2)                            |                | lamp protected against explosion                                                               |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ceiling thickness in mm                                      |         | luminaire part to be colored (F3)                            | ٢              | blown glass using traditional methods by master glass blower                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ceiling thickness selection                                  |         | luminaire part to be colored (F4)                            | ۥ              | 1965                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dimmable DP (phase), DV (0-10V), DD (dali), DS<br>(step-dim) |         | luminaire part to be colored (F5)                            |                | protection class I, protection insulation                                                      |
| ц<br>При страна<br>При стра | included or excluded LED driver/transformer/<br>control gear |         | color of 3-circuit adaptor                                   |                | protection class II, protection insulation                                                     |
| R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | separately switchable                                        | $\odot$ | indirect diffuser                                            |                | ETL Certified to UL and CSA Standards                                                          |
| シリ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | sensor                                                       | D       | direct diffuser                                              | c (UL) us      | UL Certified to UL and CSA Standards                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | remote control                                               | $\odot$ | ball-proof (upon request)                                    | <u>ج</u>       | CSA Certified to UL and CSA Standards                                                          |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | available upon request                                       | U       | accessory                                                    | $(\mathbb{Z})$ | Certified for North American Standards                                                         |

### **IP RATING**

| IP20 | protected against ingress of solid bodies greater than 12.5mm (finger)                                                                           |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| IP33 | protected against ingress of solid bodies greater than 2.5mm<br>protected against sprays of water up to 60 degrees from the vertical (rain)      |
| IP40 | protected against ingress of solid bodies greater than 1mm (wire)<br>no protection against the ingress of moisture                               |
| IP43 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against water splashed from all directions                        |
| IP54 | protected against limited ingress of dust (wet rooms/covered outdoor areas)<br>protected against water splashed from all directions              |
| IP65 | protected against ingress of dust<br>protected against jets of water                                                                             |
| IP66 | protected against ingress of dust<br>protected against powerful jets of water or heavy seas                                                      |
| IP67 | protected against ingress of dust<br>protected against immersion of water between 15cm - 1m for 30 minutes                                       |
| IP68 | protected against ingress of dust<br>protected against immersion of water under pressure for long periods                                        |

### **IK RATING**

| КОТ  | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)  |
|------|-------------------------------------------------------------------------------------------------------|
| IK02 | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)   |
| КОЗ  | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
| КО4  | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)  |
| КО5  | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)  |
| IKO6 | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)    |
| КОТ  | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)     |
| КОВ  | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)     |
| КО9  | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)    |
| К10  | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)    |