

## THE ZIRKOL COLLECTION

Indoor

## ZIRKOL SQUARE Q

ZIRKOL Square-Q is a family of polygonal suspensions with rounded corner and mounted lighting fixtures. Anodized aluminium body and opal screen for a homogeneous lighting. Available as single down light emission version or with up-down light emission with high flux and different colour temperatures. Available with remote driver.

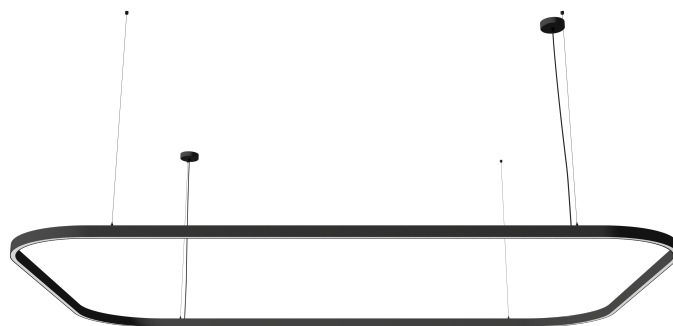
### GENERAL INFORMATION

|                           |                                                                     |
|---------------------------|---------------------------------------------------------------------|
| Number of light source    | downlight emission<br>up-downlight emission                         |
| Optic type (beam angle)   | diffuse                                                             |
| Initial Color Temperature | 2700K/3000K/3500K/4000K<br>TW/WD/RGB/RGBW                           |
| Color Rendering Index     | CRI>90                                                              |
| Diffuser type             | Opal                                                                |
| Driver                    | Universal/ELV/TRIAC/0-10V                                           |
| Luminaire color/finish    | matt white RAL9016<br>matt black RAL9005<br>matt gold<br>custom RAL |
| Mounting                  | Suspension 4/6 points<br>Ceiling 4/6 points                         |
| Connections               | 4/6 adjustable metal<br>cables length MAX 9,8'                      |
| Cable                     | 1/2/4 electrical cable 4,5'                                         |
| Adjustable                | No                                                                  |
| Dimensions                | 5x5/7x7/10x7/13x5/13x7'<br>x 0,16'                                  |
| Net weight (linear)       | 0,9 lb/ft                                                           |

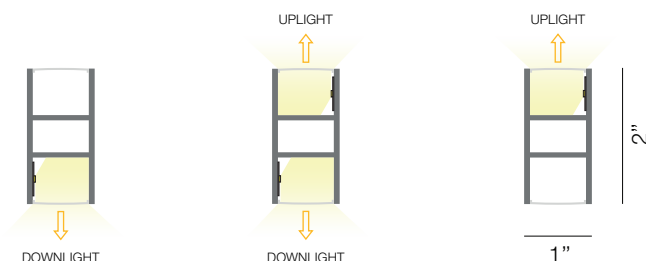
### CONTROL AND DIMMING

|                      |                       |
|----------------------|-----------------------|
| Dimmable             | TRIAC/ELV/0-10V/1-10V |
| Compatible controls* | 0.1% Dimming option   |

\*for specific model please verify [usa@nemolighting.com](mailto:usa@nemolighting.com)



### CONFIGURATION (downlight/uplight emission)



### INITIAL PERFORMANCE

| Parameter                                      | N24<br>one side | N27<br>one side | N24<br>double side | N27<br>double side |
|------------------------------------------------|-----------------|-----------------|--------------------|--------------------|
| Initial luminous flux<br>(system flux) (lm/ft) | 298 lm/ft       | 495 lm/ft       | 596 lm/ft          | 990 lm/ft          |
| Initial input power<br>(W/ft)                  | 4.5 W/ft        | 6t W/ft         | 9 W/ft             | 12 W/ft            |

|                             |         |
|-----------------------------|---------|
| Initial chromaticity        | SDCM<3  |
| Luminous flux tolerance     | +/- 10% |
| Power consumption tolerance | +/- 10% |

### APPLICATION CONDITION

|                                 |            |
|---------------------------------|------------|
| Ambient temperature range       | 5°F / 95°F |
| Performance ambient temperature | 68°F       |

### APPROVAL AND APPLICATION

|                         |      |
|-------------------------|------|
| Ingress protection code | IP40 |
|-------------------------|------|

### OVER TIME PERFORMANCE

|                                                  |        |
|--------------------------------------------------|--------|
| Lumen maintenance at mediam useful life* 50000 h | L80B50 |
|--------------------------------------------------|--------|

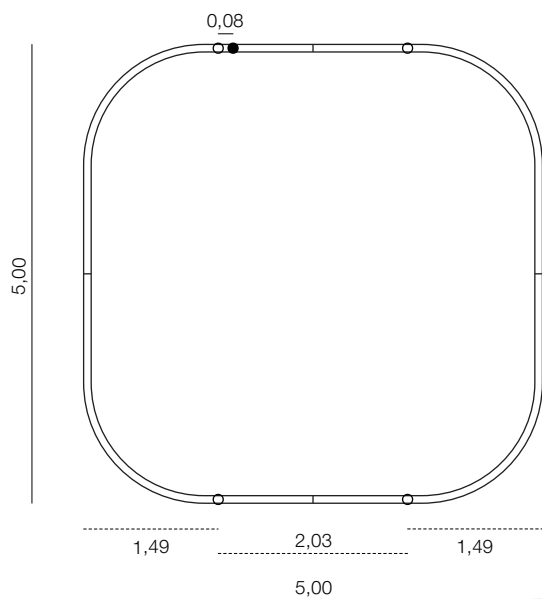
### OPERATING AND ELECTRICAL

|                       |              |
|-----------------------|--------------|
| Input voltage/current | 24VDC (SELV) |
|-----------------------|--------------|

## DIMENSIONAL DRAWING

5x5

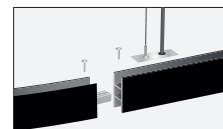
Dimension (ft)



— Split

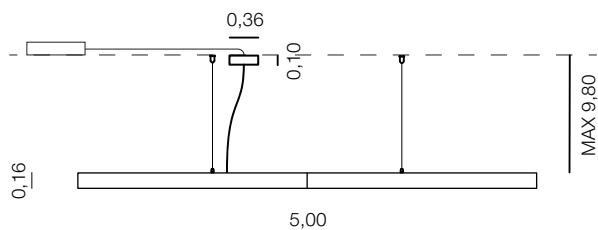
● Electrical cable

○ Iron cables / solid rod / fixing point



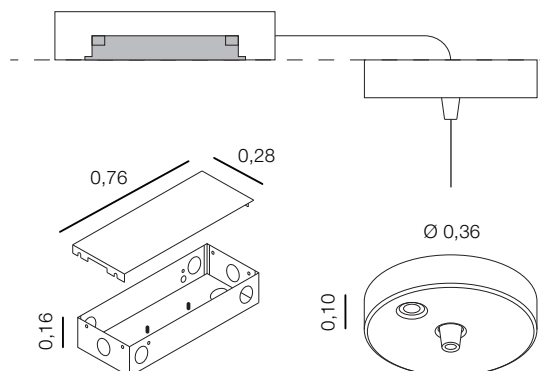
## SR VERSION

Dimension (ft)



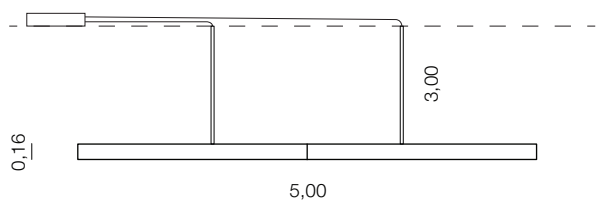
Remote driver version (metal enclosure + ceiling plate)

Detail



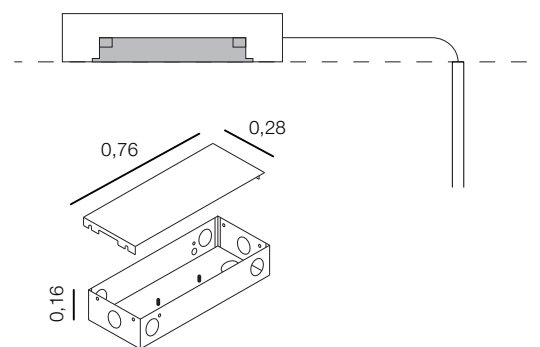
## SS VERSION

Dimension (ft)



Remote driver version (metal enclosure)

Detail

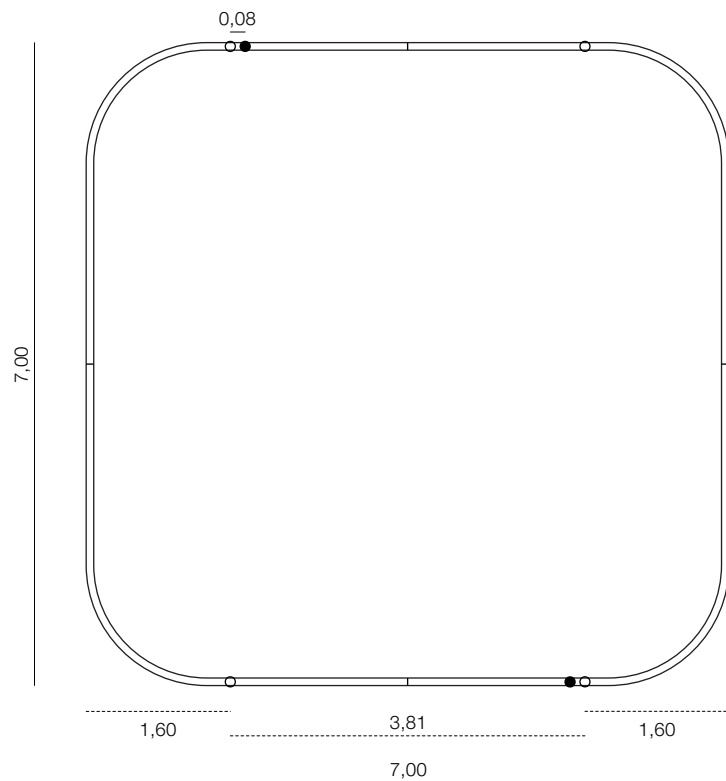


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NORTH AMERICA

## DIMENSIONAL DRAWING

7x7

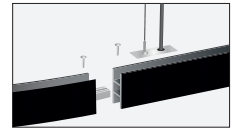
Dimension (ft)



— Split

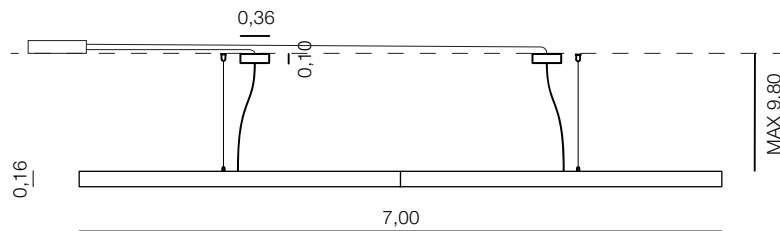
● Electrical cable

○ Iron cables / solid rod / fixing point



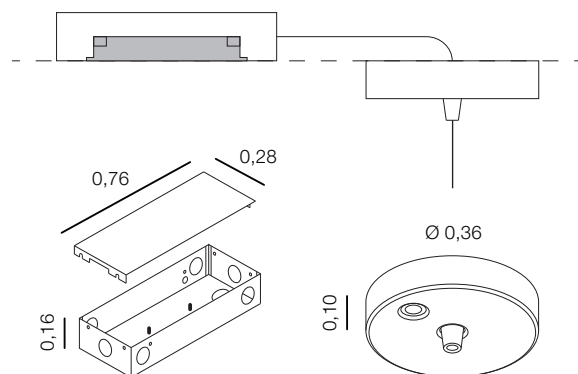
## SR VERSION

Dimension (ft)



Remote driver version (metal enclosure + ceiling plate)

Detail

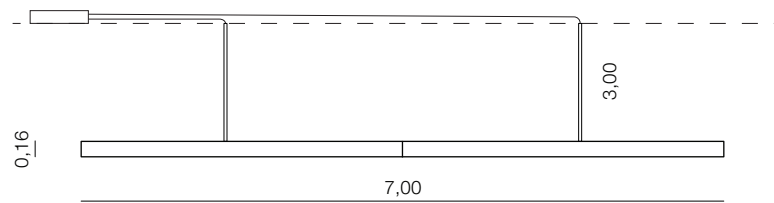


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7x7

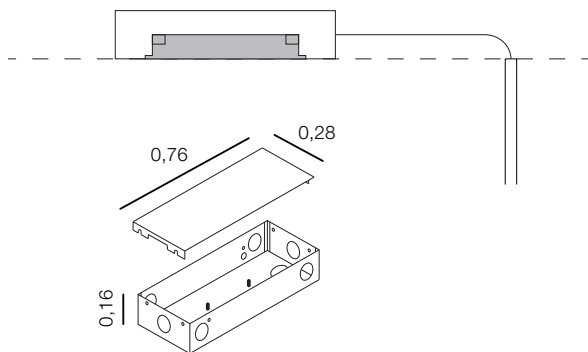
## SS VERSION

Dimension (ft)



Remote driver version (metal enclosure)

Detail



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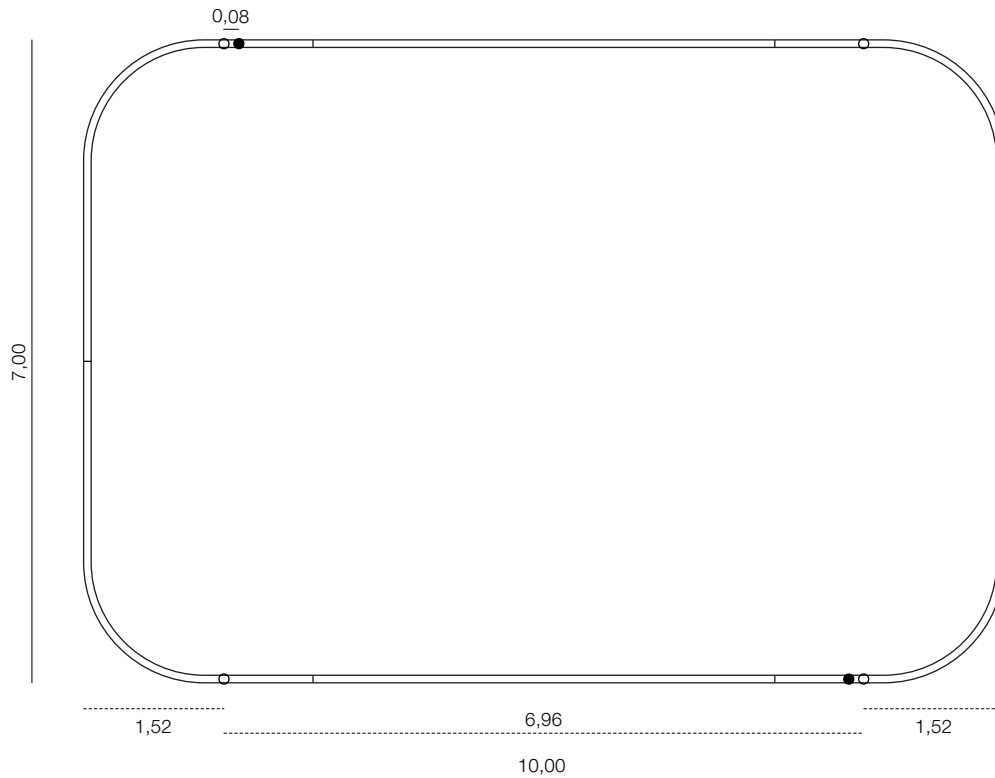
NEMO USA 1 Cape May St suite 270, Harrison, NJ 07029 – USA; Tel (800) 734-5858 [nemolighting.com/usa/](http://nemolighting.com/usa/); [usa@nemolighting.com](mailto:usa@nemolighting.com)

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## DIMENSIONAL DRAWING

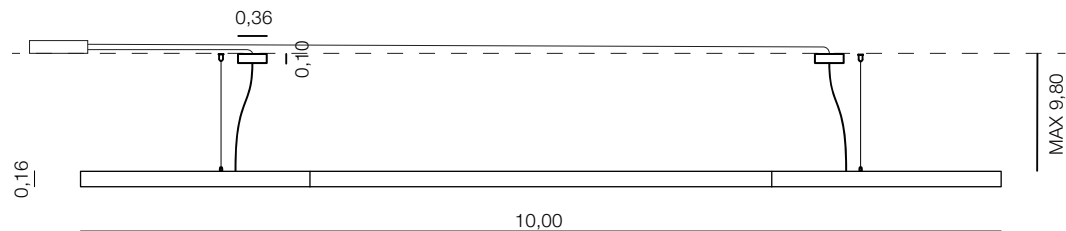
10x7

Dimension (ft)



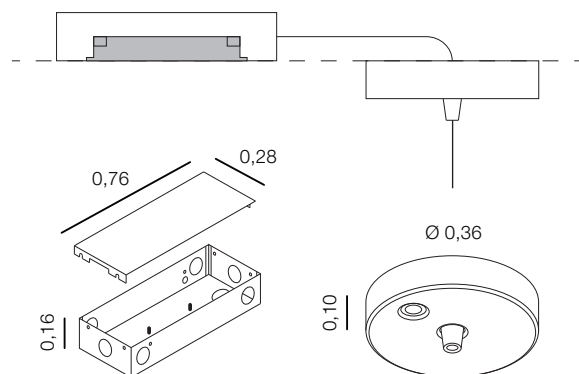
## SR VERSION

Dimension (ft)



Remote driver version (metal enclosure + ceiling plate)

Detail

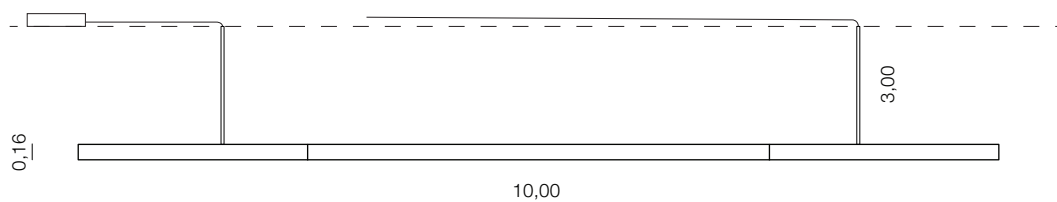


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10x7

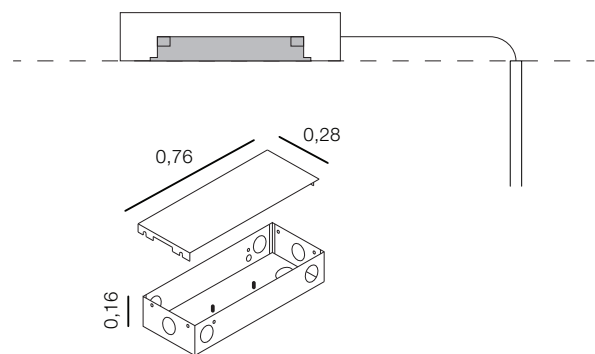
## SS VERSION

Dimension (ft)



Remote driver version (metal enclosure)

Detail

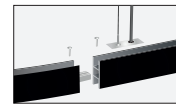


**ILTI LUCE**  
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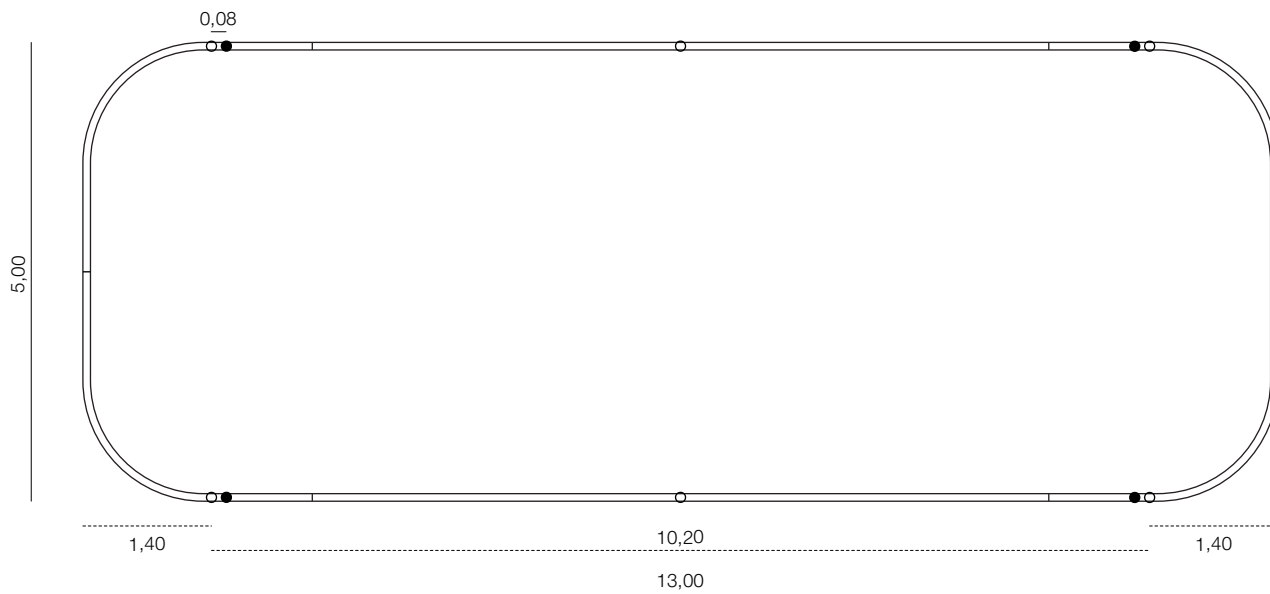
**DIMENSIONAL DRAWING**

**13x5**

Dimension (ft)

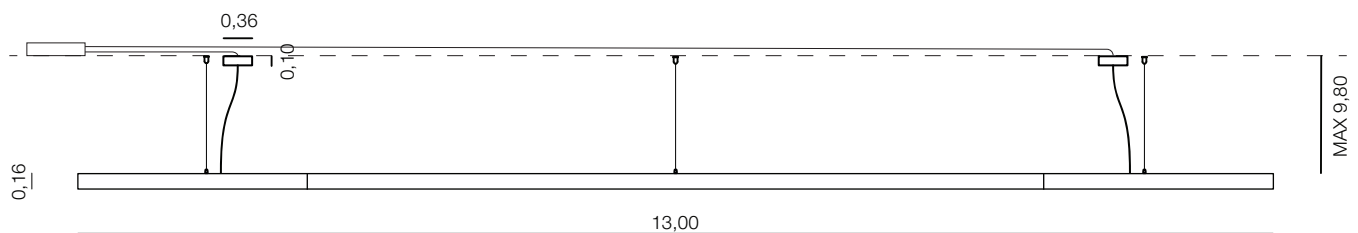


- Split
- Electrical cable
- Iron cables / solid rod / fixing point



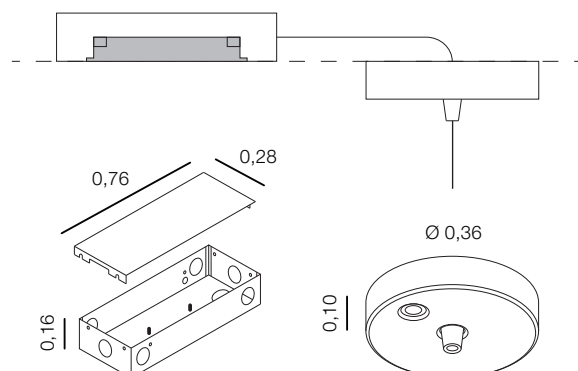
**SR VERSION**

Dimension (ft)



Remote driver version (metal enclosure + ceiling plate)

Detail

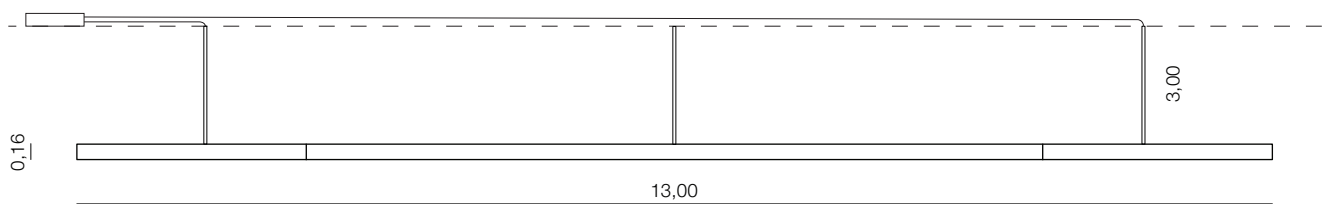


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13x5

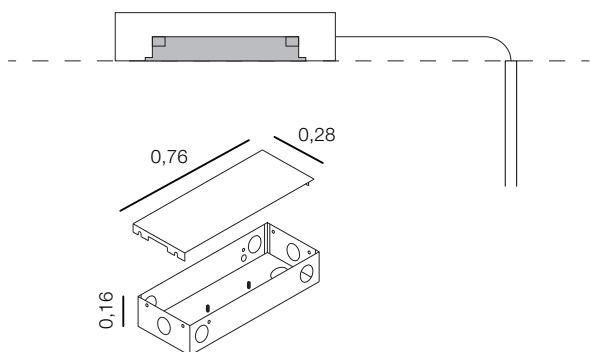
## SS VERSION

Dimension (ft)



Remote driver version (metal enclosure)

Detail



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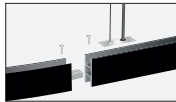
NEMO USA 1 Cape May St suite 270, Harrison, NJ 07029 – USA; Tel (800) 734-5858 [nemolighting.com/usa/](http://nemolighting.com/usa/); [usa@nemolighting.com](mailto:usa@nemolighting.com)

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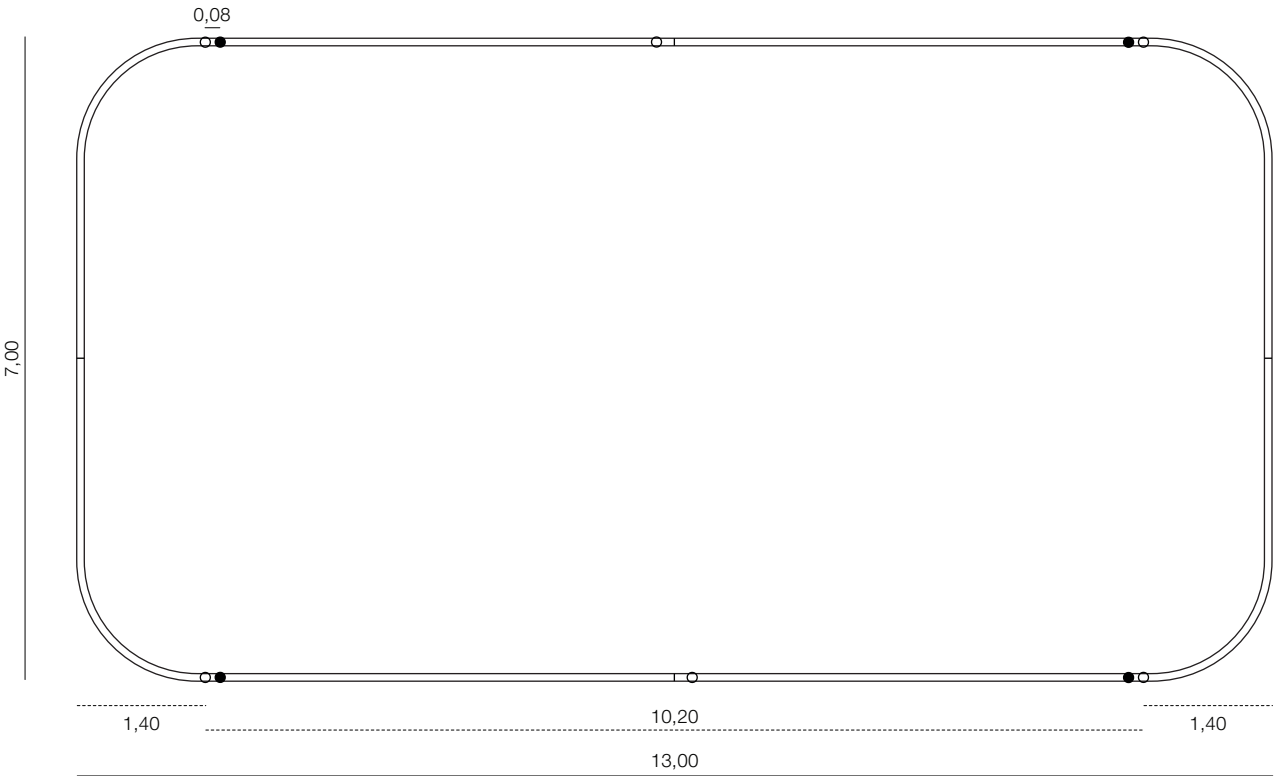
# DIMENSIONAL DRAWING

13x7

Dimension (ft)

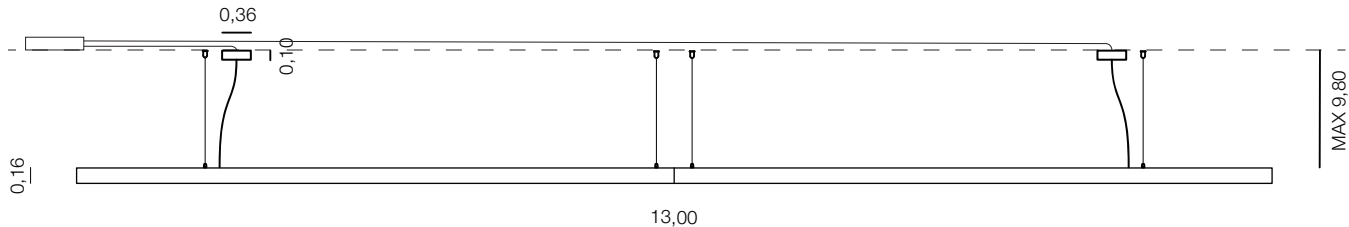


- Split
- Electrical cable
- Iron cables / solid rod / fixing point



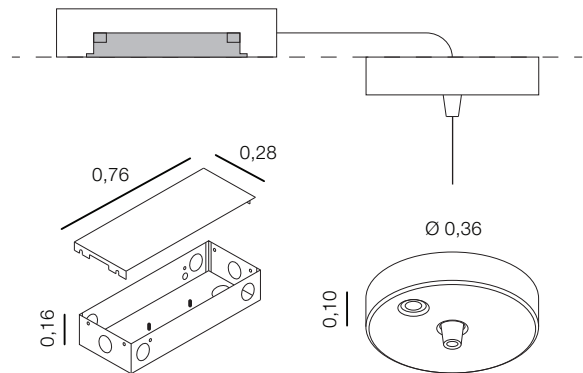
## SR VERSION

Dimension (ft)



Remote driver version (metal enclosure + ceiling plate)

Detail

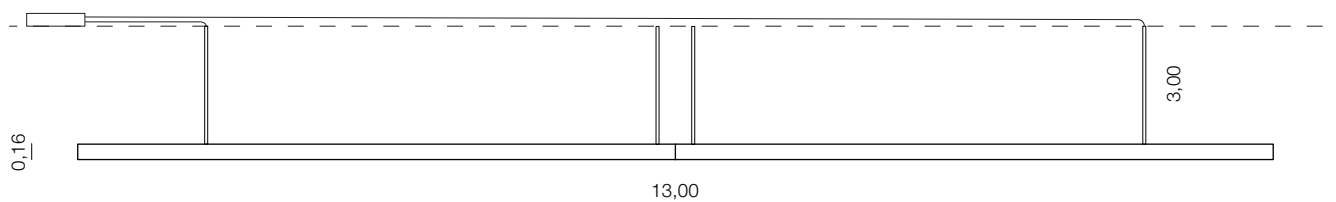


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13x7

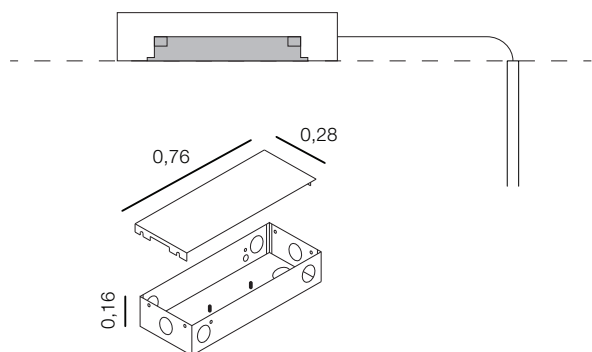
## SS VERSION

Dimension (ft)



Remote driver version (metal enclosure)

Detail



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## CODES

Each code string defines a single product and must be composed by referring to the table below. The code must be composed by placing the abbreviations of the individual characteristics side by side in the indicated order.

### CODE

Example **U ZD Q SR 01 11 O 27 B U**

Zirkol USA 110V downlight only, square shape, suspended version with remote driver and ceiling plate, 5'x5' dimensions, LED strip N24 CRI90 4,5W/ft, opal lens, 2700K color temperature, black finishing, Universal driver control.

| 1        | Category | 2         | Family name           | 3        | Product name | 4         | Typology                                    |
|----------|----------|-----------|-----------------------|----------|--------------|-----------|---------------------------------------------|
| <b>U</b> | USA 110V | <b>ZD</b> | Zirkol Downlight only | <b>Q</b> | Square Q     | <b>SR</b> | Suspended Remote driver (with aircraft)     |
|          |          | <b>ZI</b> | Zirkol Uplight only   |          |              | <b>SS</b> | Suspended Remote driver (with solid rod 3') |
|          |          | <b>ZB</b> | Zirkol Up-Downlight   |          |              |           |                                             |
|          |          |           |                       |          |              |           |                                             |

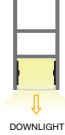
**U**

**Q**

| 5         | Lenght | 6         | LED/Wattage       | 7        | Lens | 8         | CCT           |
|-----------|--------|-----------|-------------------|----------|------|-----------|---------------|
| <b>01</b> | 5'x5'  | <b>11</b> | N24 CRI90 4,5W/ft | <b>O</b> | Opal | <b>27</b> | 2700 K        |
| <b>02</b> | 7'x7'  | <b>21</b> | N27 CRI80 6W/ft   |          |      | <b>30</b> | 3000 K        |
| <b>03</b> | 10'x7' | <b>12</b> | N24 double 9W/ft  |          |      | <b>35</b> | 3500 K        |
| <b>04</b> | 13'x5' | <b>22</b> | N27 double 12W/ft |          |      | <b>40</b> | 4000 K        |
| <b>05</b> | 13'x7' |           |                   |          |      | <b>TW</b> | Tunable white |
|           |        |           |                   |          |      | <b>WD</b> | Warm Dim      |
|           |        |           |                   |          |      | <b>RB</b> | RGB           |
|           |        |           |                   |          |      | <b>RW</b> | RGBW          |



**O**

| 9        | Finishing                                       | 10       | Driver Control type               | CONFIGURATIONS<br>emission types                                                                                                                 |                                                                                                                                                  |                                                                                                                                                              |
|----------|-------------------------------------------------|----------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>B</b> | Black RAL 9005                                  | <b>U</b> | Universal (TRIAC/ELV/0-10V/1-10V) |  <p>SINGLE SIDED LED<br/>1 EMITTING SURFACE<br/>DOWNLIGHT</p> |  <p>SINGLE SIDED LED<br/>1 EMITTING SURFACE<br/>UPLIGHT</p> |  <p>SINGLE SIDED LED<br/>1 EMITTING SURFACE<br/>DOWNLIGHT + UPLIGHT</p> |
| <b>W</b> | White RAL 9016                                  | <b>E</b> | 0.1% Dimming option*              |                                                                                                                                                  |                                                                                                                                                  |                                                                                                                                                              |
| <b>G</b> | Gold                                            |          |                                   |  <p>DOUBLE SIDED LED<br/>2 EMITTING SURFACE<br/>DOWNLIGHT</p> |  <p>DOUBLE SIDED LED<br/>2 EMITTING SURFACE<br/>UPLIGHT</p> |  <p>DOUBLE SIDED LED<br/>2 EMITTING SURFACE<br/>DOWNLIGHT + UPLIGHT</p> |
| <b>C</b> | Custom color*                                   |          |                                   |                                                                                                                                                  |                                                                                                                                                  |                                                                                                                                                              |
|          | *please contact factory<br>usa@nemolighting.com |          | *no junction box included         |                                                                                                                                                  |                                                                                                                                                  |                                                                                                                                                              |