# **ZANEEN**<sub>®</sub>

# **SPILLO 1 ROD RECESSED**

| D46003      |                      |                   |
|-------------|----------------------|-------------------|
| base number | Color<br>Temperature | Finish<br>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: Spillo          |  |
|-------------------------|--|
| Subseries: Spillo 1 Rod |  |
| Brand: Icone            |  |
| Division: Design        |  |
| Mounting Type: Recessed |  |
| Mounting Location: Wall |  |
| Subcategory: Ambient    |  |

| Mounting Type: Recessed                     |
|---|
| Mounting Location: Wall                     |
| Subcategory: Ambient                        |
| PHYSICAL                                    |
| Shape: Rectangle                            |
| Width (mm): 33                              |
| Width (in): 1 <sup>5</sup> / <sub>16</sub>  |
| Height (mm): 126                            |
| Height (in): 4 15/16                        |
| Min. Recessing Depth (mm): 30               |
| Min. Recessing Depth (in): 1 $\frac{3}{16}$ |
| Light Distribution: Adjustable              |
| Fixture Finish: WHI / BLK / CHR / BGD       |
| Fixture Material: Brass                     |
|   |

| Fixture Material: Brass   |
|---|
| ELECTRICAL  |
| Lamp Type: LED  |
| Total Output Wattage (W): 1.32  |
| Dimming: 0-10V Dimming  |
| Driver Included: No   |
| Driver Location: Remote   |
| Driver Type: Constant Voltage - 120 / 277Vac                          |
| Driver Class: Class 2   |
| Input Voltage (V): 120 - 277  |
| Output Voltage (V): 12  |
| Upon Request: (Not included, see components) 0-10Vdc dimming / 277Vac |

### LED

| Color Temperature (°K): 2700 / 3000 |  |
|-------------------------------------|--|
| Nominal Lumen (lm): 110             |  |
| CRI: >90 CRI                        |  |
| Lamp Life (hrs): 50000              |  |

### OPTICAL

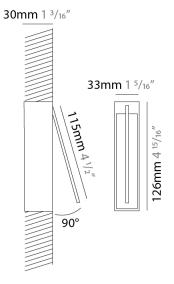
Adjustability: Tilt 120°

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

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



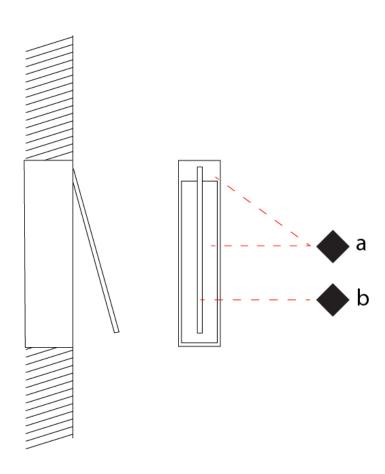






D46003-

| PROJECT   |  |
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| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |







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|   |   |   |   |   |   |   |

base number

| Color       | Finish  |
|-------------|---------|
| Temperature | 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: Spillo          |  |
|-------------------------|--|
| Subseries: Spillo 1 Rod |  |
| Brand: Icone            |  |
| Division: Design        |  |
| Mounting Type: Recessed |  |
| Mounting Location: Wall |  |
| Subcategory: Ambient    |  |

| Mounting Location: Wall               |  |
|---------------------------------------|--|
| Subcategory: Ambient                  |  |
| PHYSICAL                              |  |
| Shape: Rectangle                      |  |
| Width (mm): 33                        |  |
| Width (in): 1 ½                       |  |
| Height (mm): 226                      |  |
| Height (in): 8 1/8                    |  |
| Min. Recessing Depth (mm): 30         |  |
| Min. Recessing Depth (in): 1 1/16     |  |
| Light Distribution: Adjustable        |  |
| Fixture Finish: WHI / BLK / CHR / BGD |  |
| Fixture Material: Brass               |  |

| ELECTRICAL  |
|---|
| Lamp Type: LED  |
| Total Output Wattage (W): 2.64  |
| Dimming: 0-10V Dimming  |
| Driver Included: No   |
| Driver Location: Remote   |
| Driver Type: Constant Voltage - 120 / 277Vac                          |
| Driver Class: Class 2   |
| Input Voltage (V): 120 - 277  |
| Output Voltage (V): 12  |
| Upon Request: (Not included, see components) 0-10Vdc dimming / 277Vac |

### LED

| Color Temperature (°K): 2700 / 3000 |  |
|-------------------------------------|--|
| Nominal Lumen (lm): 220             |  |
| CRI: >90 CRI                        |  |
| Lamp Life (hrs): 50000              |  |

### OPTICAL

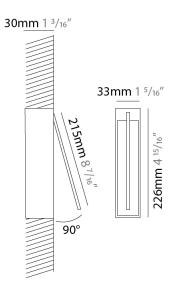
Adjustability: Tilt 120°

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20

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



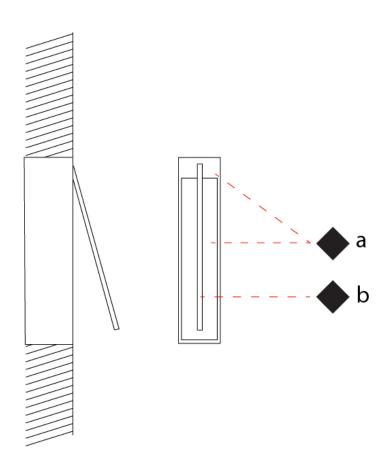






D46004-

| PROJECT   |  |
|-----------|--|
| ТҮРЕ      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |





# **SPILLO 1 ROD RECESSED**

| D46005      |                      | -      |  |
|-------------|----------------------|--------|--|
| base number | Color<br>Temperature | Finish |  |

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: Spillo          |  |
|-------------------------|--|
| Subseries: Spillo 1 Rod |  |
| Brand: Icone            |  |
| Division: Design        |  |
| Mounting Type: Recessed |  |
| Mounting Location: Wall |  |
| Subcategory: Ambient    |  |

| Mounting Location: Wall                    |
|--|
| Subcategory: Ambient                       |
| PHYSICAL                                   |
| Shape: Rectangle                           |
| Width (mm): 33                             |
| Width (in): 1 <sup>5</sup> / <sub>16</sub> |
| Height (mm): 326                           |
| Height (in): 12 13/16                      |
| Min. Recessing Depth (mm): 30              |
| Min. Recessing Depth (in): $1\frac{3}{16}$ |
| Light Distribution: Adjustable             |
| Fixture Finish: WHI / BLK / CHR / BGD      |
| Fixture Material: Brass                    |
| FIFCTRICAL                                 |

| ELECTRICAL  |
|---|
| Lamp Type: LED  |
| Total Output Wattage (W): 3.96  |
| Dimming: 0-10V Dimming  |
| Driver Included: No   |
| Driver Location: Remote   |
| Driver Type: Constant Voltage - 120 / 277Vac                          |
| Driver Class: Class 2   |
| Input Voltage (V): 120 - 277  |
| Output Voltage (V): 12  |
| Upon Request: (Not included, see components) 0-10Vdc dimming / 277Vac |

### LED

| Color Temperature (°K): 2700 / 3000 |
|-------------------------------------|
| Nominal Lumen (lm): 330             |
| CRI: >90 CRI                        |
| Lamp Life (hrs): 50000              |

### OPTICAL

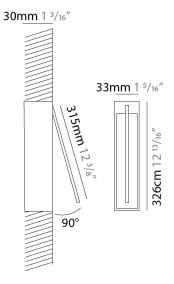
Adjustability: Tilt 120°

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

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



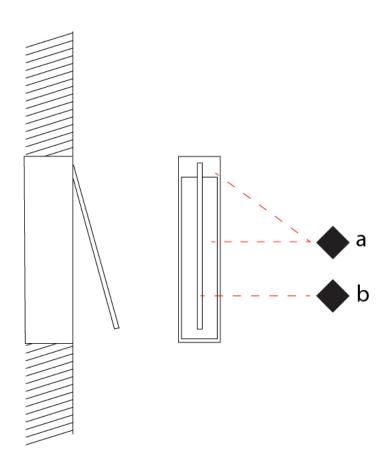






D46005-

| PROJECT   |  |
|-----------|--|
| ТҮРЕ      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |







| D46007- |
|---------|
|         |

base number

Color Finish
Temperature 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: Spillo
Subseries: Spillo 1 Rod
Brand: Icone
Division: Design
Mounting Type: Recessed
Mounting Location: Wall
Subcategory: Ambient

Mounting Location: Wall
Subcategory: Ambient

PHYSICAL

Shape: Rectangle
Width (mm): 33
Width (in): 1  ${}^{5}_{16}$ Height (mm): 526
Height (in): 20  ${}^{11}\!\!/_{16}$ Min. Recessing Depth (mm): 30
Min. Recessing Depth (in): 1  ${}^{3}\!\!/_{16}$ Light Distribution: Adjustable
Fixture Finish: WHI / BLK / CHR / BGD
Fixture Material: Brass

ELECTRICAL

Lamp Type: LED

Total Output Wattage (W): 6.6

Dimming: 0-10V Dimming

Driver Included: No

Driver Location: Remote

Driver Type: Constant Voltage - 120 / 277Vac

Driver Class: Class 2

Input Voltage (V): 120 - 277

Output Voltage (V): 12

Upon Request: (Not included, see components) 0-10Vdc dimming / 277Vac

## LED

Color Temperature (°K): 2700 / 3000

Nominal Lumen (Im): 550

CRI: >90 CRI

Lamp Life (hrs): 50000

## OPTICAL

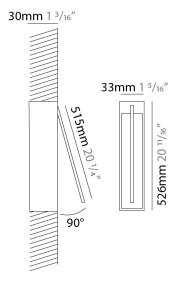
Adjustability: Tilt 120°

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

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



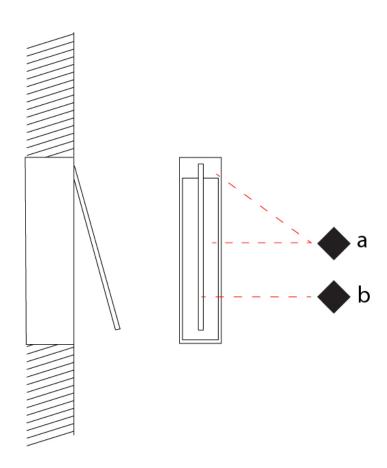






D46007-

| PROJECT   |  |
|-----------|--|
| ТҮРЕ      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |





# **SPILLO 1 ROD RECESSED**

### D46012-

base number

| Color       | Finish  |
|-------------|---------|
| Temperature | 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: Spillo          |  |
|-------------------------|--|
| Subseries: Spillo 1 Rod |  |
| Brand: Icone            |  |
| Division: Design        |  |
| Mounting Type: Recessed |  |
| Mounting Location: Wall |  |
| Subcategory: Ambient    |  |

| PHYSICAL                              |  |
|---------------------------------------|--|
| Shape: Rectangle                      |  |
| Width (mm): 50                        |  |
| Width (in): 1 15/16                   |  |
| Height (mm): 200                      |  |
| Height (in): 7 1/8                    |  |
| Light Distribution: Adjustable        |  |
| Fixture Finish: WHI / BLK / CHR / BGD |  |
| Fixture Material: Brass               |  |

| ELECTRICAL   |
|--|
| Lamp Type: LED   |
| Total Output Wattage (W): 2.64                                 |
| Dimming: 0-10V Dimming   |
| Driver Included: No  |
| Driver Location: Remote  |
| Driver Type: Constant Voltage - 120 / 277Vac                   |
| Driver Class: Class 2  |
| Input Voltage (V): 120 - 277                                   |
| Output Voltage (V): 12   |
| Upon Request: (Not included, see components) 0-10Vdc dimming / |

277Vac LED

Color Temperature (°K): 2700 / 3000

| Cotor remperature (11): 2100 / 3000 |
|-------------------------------------|
| Nominal Lumen (lm): 220             |
| CRI: >90 CRI                        |
| Lamp Life (hrs): 50000              |
|                                     |

## OPTICAL

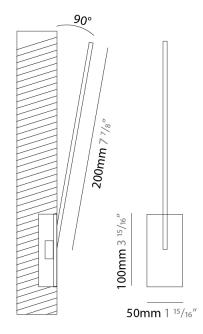
Adjustability: Tilt 120°

# **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards











D46012-

| PROJECT   |   |  |
|-----------|---|--|
| ТҮРЕ      | _ |  |
| SPECIFIER | _ |  |
| QUANTITY  | _ |  |
| DATE      | _ |  |





# **SPILLO 1 ROD RECESSED**

#### D46013-

base number

| Color       | Finish  |
|-------------|---------|
| Temperature | 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: Spillo          |  |
|-------------------------|--|
| Subseries: Spillo 1 Rod |  |
| Brand: Icone            |  |
| Division: Design        |  |
| Mounting Type: Recessed |  |
| Mounting Location: Wall |  |
| Subcategory: Ambient    |  |

| PHYSICAL                              |  |  |
|---------------------------------------|--|--|
| Shape: Rectangle                      |  |  |
| Width (mm): 50                        |  |  |
| Width (in): 1 15/16                   |  |  |
| Height (mm): 300                      |  |  |
| Height (in): 11 13/16                 |  |  |
| Light Distribution: Adjustable        |  |  |
| Fixture Finish: WHI / BLK / CHR / BGD |  |  |
| Fixture Material: Brass               |  |  |
|                                       |  |  |

#### ELECTRICAL

| ELECTRICAL   |
|--|
| Lamp Type: LED   |
| Total Output Wattage (W): 3.96                                 |
| Dimming: 0-10V Dimming   |
| Driver Included: No  |
| Driver Location: Remote  |
| Driver Type: Constant Voltage - 120 / 277Vac                   |
| Driver Class: Class 2  |
| Input Voltage (V): 120 - 277                                   |
| Output Voltage (V): 12   |
| Upon Request: (Not included, see components) 0-10Vdc dimming / |

#### LED

| Color Temperature (°K): 2700 / 3000 |  |
|-------------------------------------|--|
| Nominal Lumen (lm): 330             |  |
| CRI: >90 CRI                        |  |
| Lamp Life (hrs): 50000              |  |
|                                     |  |

# OPTICAL

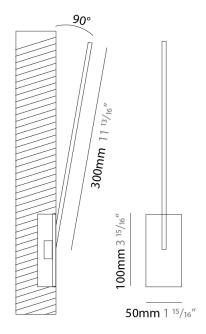
Adjustability: Tilt 120°

# RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

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



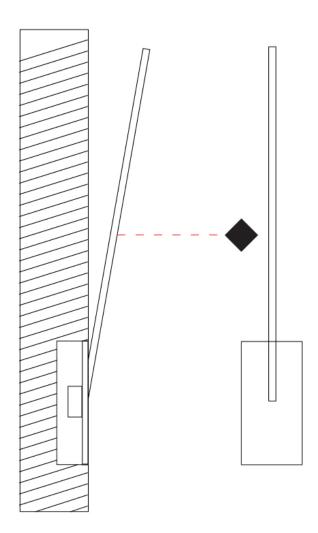






D46013-

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





# **SPILLO 5 ROD RECESSED**

| _                  |     |          | _  |
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base number

| Color       | Finish  |
|-------------|---------|
| Temperature | 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: Spillo             |  |
|----------------------------|--|
| Subseries: Spillo 5 Rod    |  |
| Brand: Icone               |  |
| Division: Design           |  |
| Mounting Type: Recessed    |  |
| Mounting Location: Ceiling |  |
| Subcategory: Ambient       |  |

| PHYSICAL                              |
|---------------------------------------|
| Shape: Abstract                       |
| Width (mm): 50                        |
| Width (in): 1 15/16                   |
| Height (mm): 1000                     |
| Height (in): 39 3/8                   |
| Light Distribution: Adjustable        |
| Fixture Finish: WHI / BLK / CHR / BGD |
| Fixture Material: Brass               |
|                                       |

#### ELECTRICAL

| ELECTRICAL   |
|--|
| Lamp Type: LED   |
| Total Output Wattage (W): 45.72                                |
| Dimming: 0-10V Dimming   |
| Driver Included: No  |
| Driver Location: Remote  |
| Driver Type: Constant Voltage - 120 / 277Vac                   |
| Driver Class: Class 2  |
| Input Voltage (V): 120 - 277                                   |
| Output Voltage (V): 12   |
| Upon Request: (Not included, see components) 0-10Vdc dimming / |

# 277Vac

| LED                                 |  |
|-------------------------------------|--|
| Color Temperature (°K): 2700 / 3000 |  |
| Nominal Lumen (lm): 3850            |  |
| CRI: >90 CRI                        |  |
| Lamp Life (hrs): 50000              |  |
| OPTICAL                             |  |

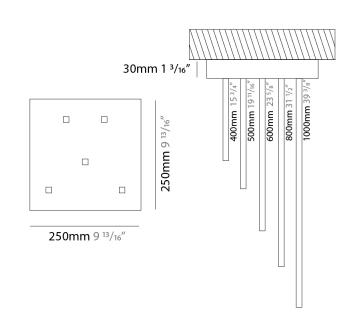
## RATINGS AND CERTIFICATIONS

Adjustability: Tilt 120°

| Certified By: Certified for North American Standards |  |
|--|--|
| IP rating: IP20                                      |  |

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



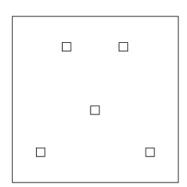


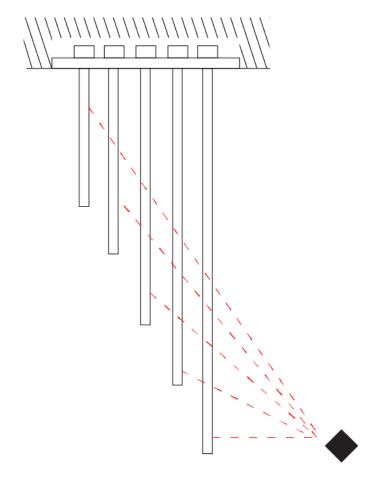




D46017-

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







# **SPILLO 1 ROD RECESSED**

## D46020-

base number

| Color       | Finish  |
|-------------|---------|
| Temperature | 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: Spillo          |  |
|-------------------------|--|
| Subseries: Spillo 1 Rod |  |
| Brand: Icone            |  |
| Division: Design        |  |
| Mounting Type: Recessed |  |
| Mounting Location: Wall |  |
| Subcategory: Ambient    |  |

| PRISICAL                              |  |
|---------------------------------------|--|
| Shape: Rectangle                      |  |
| Width (mm): 50                        |  |
| Width (in): 1 15/16                   |  |
| Height (mm): 200                      |  |
| Height (in): 7 1/8                    |  |
| Light Distribution: Adjustable        |  |
| Fixture Finish: WHI / BLK / CHR / BGD |  |
| Fixture Material: Brass               |  |

#### **ELECTRICAL**

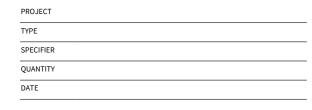
| Lamp Type: LED  |
|---|
| Total Output Wattage (W): 2.64  |
| Dimming: 0-10V Dimming  |
| Driver Included: No   |
| Driver Location: Remote   |
| Driver Type: Constant Voltage - 120 / 277Vac                          |
| Driver Class: Class 2   |
| Input Voltage (V): 120 - 277  |
| Output Voltage (V): 12  |
| Upon Request: (Not included, see components) 0-10Vdc dimming / 277Vac |

| LED                                 |   |
|-------------------------------------|---|
| Color Temperature (°K): 2700 / 3000 |   |
| Nominal Lumen (lm): 220             |   |
| CRI: >90 CRI                        |   |
| Lamp Life (hrs): 50000              |   |
| OPTICAL                             | - |

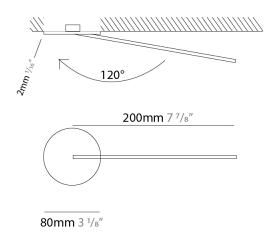
Adjustability: Tilt 120°

# **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards





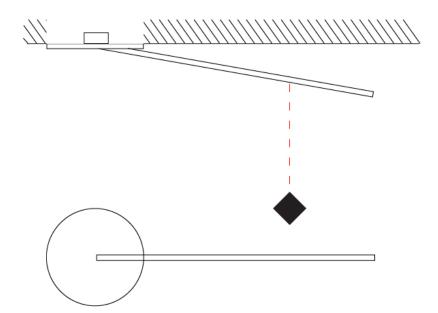






D46020-

| PROJECT   |  |
|-----------|--|
| ТҮРЕ      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |





## **SPILLO 1 ROD RECESSED**

### D46021-

base number

Temperature 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: Spillo Subseries: Spillo 1 Rod Brand: Icone Division: Design Mounting Type: Recessed Mounting Location: Wall Subcategory: Ambient

PHYSICAL Shape: Rectangle Width (mm): 50 Width (in): 1 15/16 Height (mm): 300 Height (in): 11 13/16 Light Distribution: Adjustable Fixture Finish: WHI / BLK / CHR / BGD Fixture Material: Brass

#### **ELECTRICAL**

Lamp Type: LED Total Output Wattage (W): 3.96 Dimming: 0-10V Dimming Driver Included: No Driver Location: Remote Driver Type: Constant Voltage - 120 / 277Vac Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Upon Request: (Not included, see components) 0-10Vdc dimming / 277Vac

Color Temperature (°K): 2700 / 3000 Nominal Lumen (lm): 330 CRI: >90 CRI Lamp Life (hrs): 50000

## OPTICAL

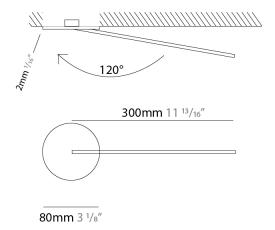
Adjustability: Tilt 120°

# RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





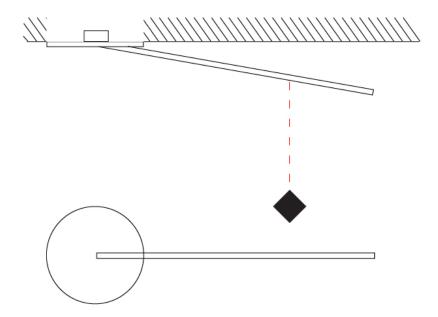






D46021-

| PROJECT   |   |
|-----------|---|
| ТҮРЕ      |   |
| SPECIFIER |   |
| QUANTITY  | _ |
| DATE      |   |







# **SPILLO**

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

#### **Fixture Finish**

White - WHI







**Digital:** Not all screens are calibrated the same, and therefore, colors will appear differently between screens. **Physical:** When texture is involved, there will be variations in color, character and tone within a product series and between product families.





# **SPILLO**

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

# **LEGEND**

| $\downarrow$  | floor-mounted  | ¥        | pivotable  | *               | special LED (upon request) RGB, RGBW, tunable,<br>gold+, meat+, art+, fashion+                 |
|---------------|--|----------|--|-----------------|--|
| ラ             | wall and ceiling: recessed and surface mounted               | S        | rotating   | 0               | warm dim / natural dimming LED   |
| 1             | ceiling-mounted and wall-mounted                             | Œ        | illuminate tilted  | 0               | rechargeable battery powered   |
| $\rightarrow$ | wall-mounted   | I        | color of suspension cable                                    | ill<br>neo      | fixture with natural vivid LED (upon request)  |
| Y             | omni-directional light distribution                          | 1        | length of suspension cable                                   | CRI             | color rendering index  |
| Ä             | direct light distribution                                    |          | reflector degree selection                                   | (K)             | color temperature  |
| X             | direct/indirect light distribution                           | s s      | super spot   | (M)             | lumen (luminous flux)  |
| Y             | indirect light distribution                                  | *        | lens   | ₩               | efficacy (lumens per watt)   |
|               | asymmetric light distribution                                | 8        | lens pack  | UGR             | Unified Glare Rating (UGR) range from 5-40   |
| A             | aura light distribution                                      | 0        | shine ring   | *               | marine grade (AISI 316 stainless steel)  |
| R             | round wall or ceiling cut-out                                | 0        | integrated shine ring with diffuser                          | 3               | walk on  |
| Z)            | square wall or ceiling cut-out                               |          | free individual colors 01-29                                 | <b>②</b>        | drive on   |
| 4             | the supplied jig specifies the cutout dimensions             | ē        | individual colors: 00 (free of charge), 01-25 (extra charge) | DSC             | Dark Sky Compliance  |
| <b>G</b> +.→  | minimum distance (meters) lamp - object                      | <b>♦</b> | luminaire part to be colored (F1)                            | Ġ               | Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) |
| $\hat{\pm}$   | recessed depth   |          | luminaire part to be colored (F2)                            |                 | lamp protected against explosion   |
| <b></b>       | ceiling thickness in mm                                      |          | luminaire part to be colored (F3)                            |                 | blown glass using traditional methods by master glass blower                                   |
| 1             | ceiling thickness selection                                  |          | luminaire part to be colored (F4)                            | <b>(</b> )      | acoustic material  |
|               | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)    | •        | luminaire part to be colored (F5)                            |                 | protection class I, protection insulation  |
|               | included or excluded LED driver/transformer/<br>control gear | •        | color of 3-circuit adaptor                                   |                 | protection class II, protection insulation   |
| 8             | separately switchable  | $\odot$  | indirect diffuser  | . <b>(1)</b>    | ETL Certified to UL and CSA Standards  |
| <b>9</b>      | sensor   | O        | direct diffuser  | շ <b>(Մ</b> ) տ | UL Certified to UL and CSA Standards   |
|               | remote control   | 1        | ball-proof (upon request)                                    | <b>(1)</b>      | CSA Certified to UL and CSA Standards  |
| J             | available upon request                                       | 0        | accessory  | <b>Z</b> )      | 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) no protection against the ingress of moisture                               |
| IP43 | protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions                        |
| IP54 | protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions              |
| IP65 | protected against ingress of dust 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 protected against immersion of water under pressure for long periods  |

# **IK RATING**

| 100000 | 2819904000 PA-24598000 DEVENOUS PARTIES O   |
|--------|---|
| IK02   | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)   |
| ІКОЗ   | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
| IK04   | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)  |
| IK05   | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)  |
| 1K06   | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)    |
| IK07   | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)     |
| IK08   | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)     |
| IK09)  | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)    |

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)