

## TUB LED SURFACE

### D92103

#### GENERAL

Series: Tub LED  
 Brand: Milan  
 Division: Design  
 Mounting Type: Surface  
 Mounting Location: Wall / Ceiling  
 Subcategory: Spots

#### PHYSICAL

Diameter (mm): 55  
 Diameter (in): 2 <sup>3</sup>/<sub>16</sub>  
 Height (mm): 160  
 Height (in): 6 <sup>5</sup>/<sub>16</sub>  
 Extension (mm): 160  
 Extension (in): 6 <sup>5</sup>/<sub>16</sub>  
 Weight (kg): 1.4  
 Weight (lbs): 3

#### ELECTRICAL

Lamp Type: LED  
 Input Wattage (W): 4  
 Max. Wattage Per Lamp (W): 4  
 Dimming: Electronic Low Voltage Dimming  
 Input Voltage (V): 120

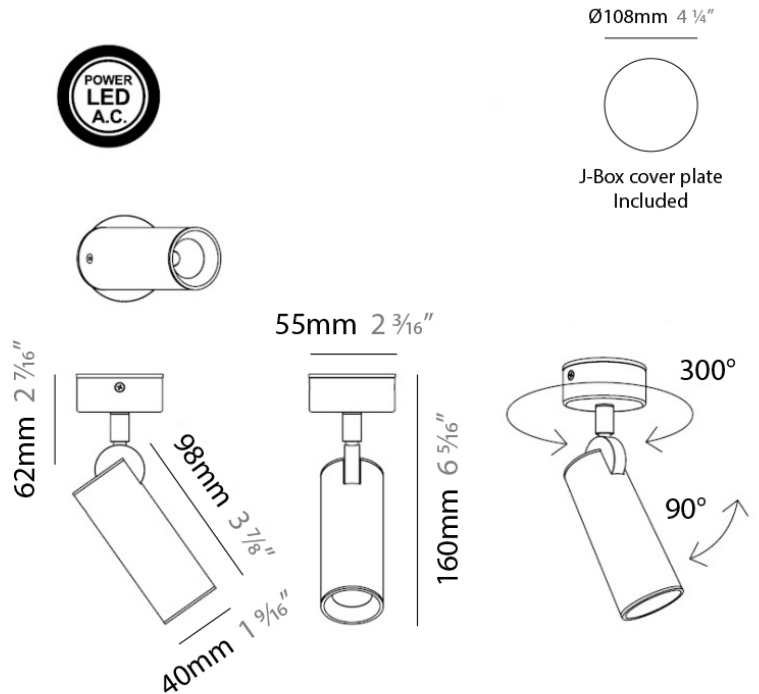
#### LED

Number of LEDs: 1  
 Color Temperature (°K): 2700  
 Nominal Lumen (lm): 300  
 CRI: >80 CRI

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



## TUB LED SURFACE

### D92105

#### GENERAL

Series: Tub LED  
Brand: Milan  
Division: Design  
Mounting Type: Surface  
Mounting Location: Ceiling  
Subcategory: Spots

#### PHYSICAL

Shape: Cylinder  
Diameter (mm): 40  
Diameter (in): 1 9/16  
Height (mm): 150  
Height (in): 6  
Weight (kg): 1.4  
Weight (lbs): 3  
Fixture Finish: WHI  
Fixture Material: Metal

#### ELECTRICAL

Lamp Type: LED  
Input Wattage (W): 4  
Max. Wattage Per Lamp (W): 4  
Dimming: Electronic Low Voltage Dimming  
Input Voltage (V): 120Vac Direct Line  
Lamp Voltage (V): 120

#### LED

Number of LEDs: 1  
Color Temperature (°K): 2700  
Nominal Lumen (lm): 300  
CRI: >80 CRI

#### OPTICAL

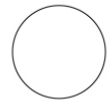
#### RATINGS AND CERTIFICATIONS

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

|          |       |
|----------|-------|
| PROJECT  | _____ |
| TYPE     | _____ |
| NOTES    | _____ |
| QUANTITY | _____ |
| DATE     | _____ |



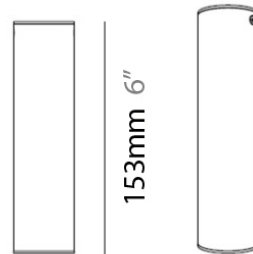
Ø108mm 4 1/4"



J-Box cover plate  
Included



40mm 1 9/16"



## TUB LED SURFACE

### D93134

|          |       |
|----------|-------|
| PROJECT  | _____ |
| TYPE     | _____ |
| NOTES    | _____ |
| QUANTITY | _____ |
| DATE     | _____ |

#### GENERAL

Series: Tub LED  
 Brand: Milan  
 Division: Design  
 Mounting Type: Surface  
 Mounting Location: Wall  
 Subcategory: Uplight

#### PHYSICAL

Shape: Cylinder  
 Diameter (mm): 108  
 Diameter (in): 4 1/4  
 Length (mm): 40  
 Length (in): 1 9/16  
 Height (mm): 103  
 Height (in): 4 1/16  
 Extension (mm): 61  
 Extension (in): 2 3/8  
 Light Distribution: Uplight  
 Weight (kg): 1.4  
 Weight (lbs): 3  
 Fixture Finish: Chrome  
 Fixture Material: Metal

#### ELECTRICAL

Number of Lamps: 1  
 Lamp Type: LED  
 Max. Wattage Per Lamp (W): 4  
 Dimming: Electronic Low Voltage Dimming  
 Input Voltage (V): 120  
 Lamp Voltage (V): 120

#### LED

Number of LEDs: 1  
 Color Temperature (°K): 2700  
 Nominal Lumen (lm): 300  
 CRI: >80 CRI

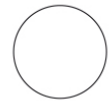
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

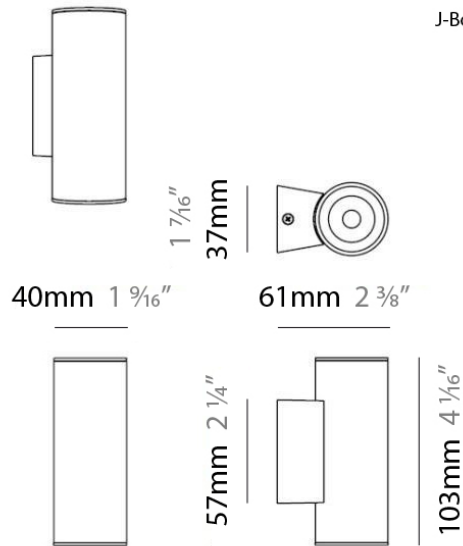
Certified By: CSA Certified to UL and CSA Standards  
 IP rating: IP20



Ø108mm 4 1/4"



J-Box cover plate Included



## TUB LED SURFACE

### D93137

|          |  |
|----------|--|
| PROJECT  |  |
| TYPE     |  |
| NOTES    |  |
| QUANTITY |  |
| DATE     |  |

#### GENERAL

Series: Tub LED  
 Brand: Milan  
 Division: Design  
 Mounting Type: Surface  
 Mounting Location: Wall  
 Subcategory: Up/Down Light

#### PHYSICAL

Shape: Cylinder  
 Diameter (mm): 108  
 Diameter (in): 4 1/4  
 Length (mm): 40  
 Length (in): 1 9/16  
 Height (mm): 153  
 Height (in): 6  
 Extension (mm): 61  
 Extension (in): 2 3/8  
 Light Distribution: Direct / Indirect  
 Weight (kg): 1.4  
 Weight (lbs): 3  
 Fixture Finish: WHI  
 Fixture Material: Metal

#### ELECTRICAL

Number of Lamps: 2  
 Lamp Type: LED  
 Total Output Wattage (W): 8  
 Max. Wattage Per Lamp (W): 4  
 Dimming: Electronic Low Voltage Dimming  
 Input Voltage (V): 120  
 Lamp Voltage (V): 120

#### LED

Number of LEDs: 2  
 Color Temperature (°K): 2700  
 Nominal Lumen (lm): 2x300  
 CRI: >80 CRI

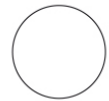
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

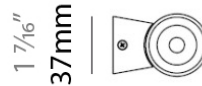
Certified By: CSA Certified to UL and CSA Standards  
 IP rating: IP20



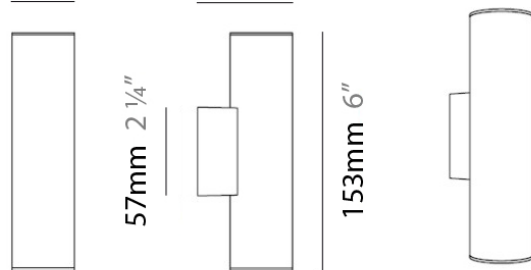
Ø108mm 4 1/4"



J-Box cover plate Included



40mm 1 9/16"      61mm 2 3/8"



|          |  |
|----------|--|
| PROJECT  |  |
| TYPE     |  |
| NOTES    |  |
| QUANTITY |  |
| DATE     |  |

## TUB LED SURFACE

### D93203

#### GENERAL

Series: Tub LED  
 Brand: Milan  
 Division: Design  
 Mounting Type: Surface  
 Mounting Location: Wall  
 Subcategory: Spots

#### PHYSICAL

Diameter (mm): 40  
 Diameter (in): 1 <sup>9</sup>/<sub>16</sub>  
 Length (mm): 70  
 Length (in): 2 <sup>3</sup>/<sub>4</sub>  
 Height (mm): 100  
 Height (in): 3 <sup>15</sup>/<sub>16</sub>  
 Extension (mm): 120  
 Extension (in): 4 <sup>3</sup>/<sub>4</sub>

#### ELECTRICAL

Lamp Type: LED  
 Max. Wattage Per Lamp (W): 4  
 Dimming: Electronic Low Voltage Dimming  
 Driver Included: No  
 Lamp Voltage (V): 120

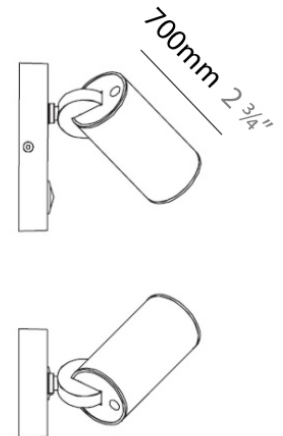
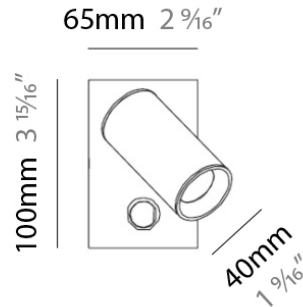
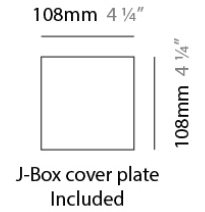
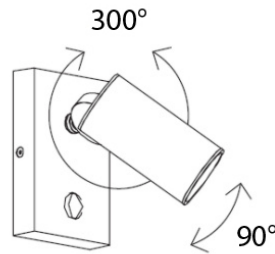
#### LED

Number of LEDs: 1  
 Color Temperature (°K): 2700  
 Nominal Lumen (lm): 300  
 CRI: >80 CRI






































































#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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













## LEGEND

|  |  |   |  |   |  |
|--|--|---|--|---|--|
|    | floor-mounted  |    | pivotal  |    | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+                    |
|    | wall and ceiling: recessed and surface mounted             |    | rotating   |    | warm dim / natural dimming LED   |
|    | ceiling-mounted and wall-mounted                           |    | illuminate tilted  |    | rechargeable battery powered   |
|    | wall-mounted   |    | color of suspension cable                                    |    | fixture with natural vivid LED (upon request)  |
|    | omni-directional light distribution                        |    | length of suspension cable                                   |    | color rendering index  |
|    | direct light distribution                                  |    | reflector degree selection                                   |    | color temperature  |
|    | direct/indirect light distribution                         |    | super spot   |    | lumen (luminous flux)  |
|    | indirect light distribution                                |    | lens   |    | efficacy (lumens per watt)   |
|    | asymmetric light distribution                              |    | lens pack  |    | Unified Glare Rating (UGR) range from 5-40   |
|    | aura light distribution                                    |    | shine ring   |    | marine grade (AISI 316 stainless steel)  |
|    | round wall or ceiling cut-out                              |    | integrated shine ring with diffuser                          |    | walk on  |
|    | square wall or ceiling cut-out                             |    | free individual colors 01-29                                 |    | drive on   |
|   | the supplied jig specifies the cutout dimensions           |   | individual colors: 00 (free of charge), 01-25 (extra charge) |   | Dark Sky Compliance  |
|  | minimum distance (meters) lamp - object                    |  | luminaire part to be colored (F1)                            |  | 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   |
|  | ceiling thickness in mm                                    |  | luminaire part to be colored (F3)                            |  | blown glass using traditional methods by master glass blower                                   |
|  | ceiling thickness selection                                |  | luminaire part to be colored (F4)                            |  | acoustic material  |
|  | dimmmable 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/control gear   |  | color of 3-circuit adaptor                                   |  | protection class II, protection insulation   |
|  | separately switchable                                      |  | indirect diffuser  |  | ETL Certified to UL and CSA Standards  |
|  | sensor   |  | direct diffuser  |  | UL Certified to UL and CSA Standards   |
|  | remote control   |  | ball-proof (upon request)                                    |  | CSA Certified to UL and CSA Standards  |
|  | available upon request                                     |  | accessory  |  | Certified for North American Standards   |

## IP RATING

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

## IK RATING

|   |   |
|---|---|
|  | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)  |
|  | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)   |
|  | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
|  | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)  |
|  | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)  |
|  | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)    |
|  | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)     |
|  | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)     |
|  | 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)    |