## **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	

PROJECT			
TYPE			
NOTES			
QUANTITY			
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Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

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

# **ZANEEN**<sub>®</sub>

## **TUB LED SURFACE**

### D92105

Nominal Lumen (lm): 300

**RATINGS AND CERTIFICATIONS** 

Certified By: CSA Certified to UL and CSA Standards

CRI: >80 CRI OPTICAL

IP rating: IP20

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 <sup>9</sup> / <sub>16</sub>
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

### PROJECT TYPE NOTES QUANTITY



DATE

Ø108mm 4 1/4"

J-Box cover plate Included

40mm 1 %16"





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## **TUB LED SURFACE**

## D93134

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 ¼
Length (mm): 40
Length (in): $1^{9}_{16}$
Height (mm): 103
Height (in): $4\frac{1}{16}$
Extension (mm): 61
Extension (in): 2 <sup>3</sup> / <sub>8</sub>
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

color remperature ( N). 2100	
Nominal Lumen (lm): 300	
CRI: >80 CRI	

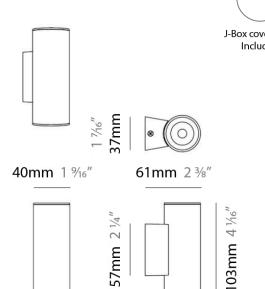
### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

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

PROJECT		
ТҮРЕ		
NOTES		
QUANTITY		
DATE		





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## **TUB LED SURFACE**

## D93137

CRI: >80 CRI

IP rating: IP20

**RATINGS AND CERTIFICATIONS** 

Certified By: CSA Certified to UL and CSA Standards

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 <sup>1</sup> / <sub>4</sub>
Length (mm): 40
Length (in): 1 %_16
Height (mm): 153
Height (in): 6
Extension (mm): 61
Extension (in): 2 <sup>3</sup> / <sub>8</sub>
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





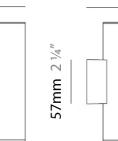


Ø108mm 4 1/4"

J-Box cover plate Included



40mm 1 %16" 61mm 2 3/8"





153mm 6"

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October 12, 2024, 11:24 am

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PROJECT	
ТҮРЕ	
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 (ini): $1^{3}_{16}$
Length (mm): 70
Length (in): $2\frac{3}{4}$
Height (mm): 100
Height (in): 3 <sup>15</sup> / <sub>16</sub>
Extension (mm): 120
Extension (in): $4\frac{3}{4}$
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

### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

PROJECT	
ТҮРЕ	
NOTES	
QUANTITY	
DATE	

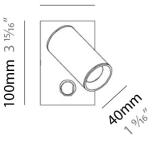


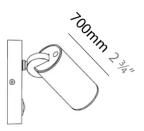
300°



J-Box cover plate Included

65mm 2 %16"





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## LEGEND

<b>↓</b>	floor-mounted	¥	pivotable	$\circledast$	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	U	rotating	0	warm dim / natural dimming LED
Î	ceiling-mounted and wall-mounted	æ	illuminate tilted	Ø	rechargeable battery powered
$\rightarrow$	wall-mounted	T	color of suspension cable	<u></u>	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution		length of suspension cable	CRI	color rendering index
	direct light distribution	Δ	reflector degree selection	€К	color temperature
X	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
$\mathbf{\overline{\mathbf{Y}}}$	indirect light distribution	*	lens	LM	efficacy (lumens per watt)
	asymmetric light distribution	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
Ä	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
5	square wall or ceiling cut-out	Ð	free individual colors 01-29		drive on
d d	the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	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
<b>↓</b>	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)	(ه)	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class l, protection insulation
<u>с</u>	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
У	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	0	accessory	2	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 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
1954	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 protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust 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**

КОТ	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
КО2	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)
КОб	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)
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)