ZANEEN®

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 $\frac{3}{16}$

Height (mm): 160

Height (in): 6 $\frac{5}{16}$

Extension (mm): 160

Extension (in): 6 $\frac{5}{16}$

Weight (kg): 1.4

Weight (lbs): 3

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 4

Max. Wattage Per Lamp (W): 4

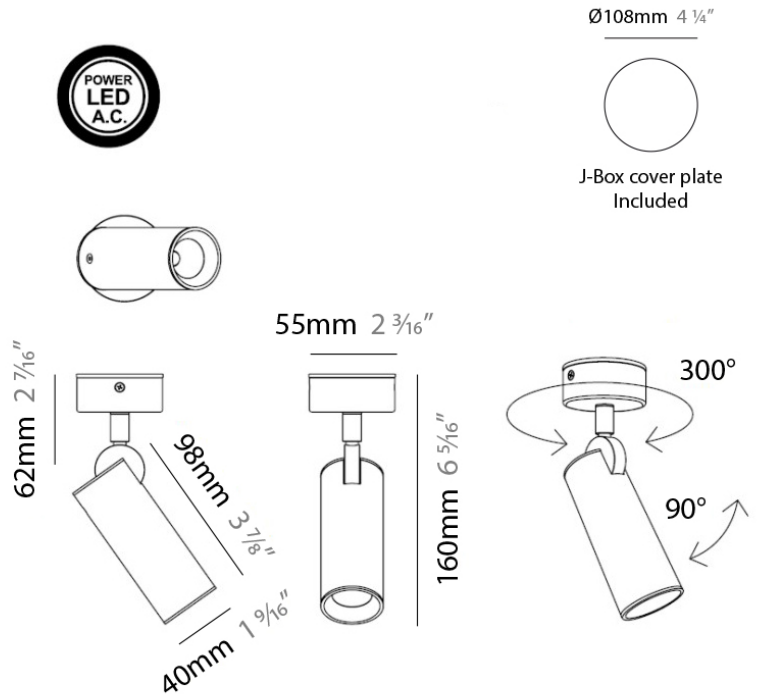Dimming: Electronic Low Voltage Dimming

Input Voltage (V): 120

LED

Number of LEDs: 1

Color Temperature (°K): 2700
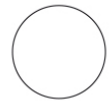
Nominal Lumen (lm): 300

CRI: >80 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

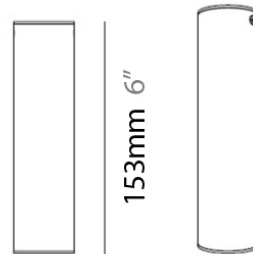Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

POWER LED A.C.

Ø108mm 4 ¼"

J-Box cover plate
Included

55mm 2 ³⁄₁₆"

62mm 2 ⁷⁄₁₆"

98mm 3 ⁷⁄₈"

40mm 1 ⁹⁄₁₆"

160mm 6 ⁵⁄₁₆"

300°

90°

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ZANEEN®

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 $\frac{9}{16}$
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
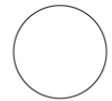Color Temperature (°K): 2700
Nominal Lumen (lm): 300
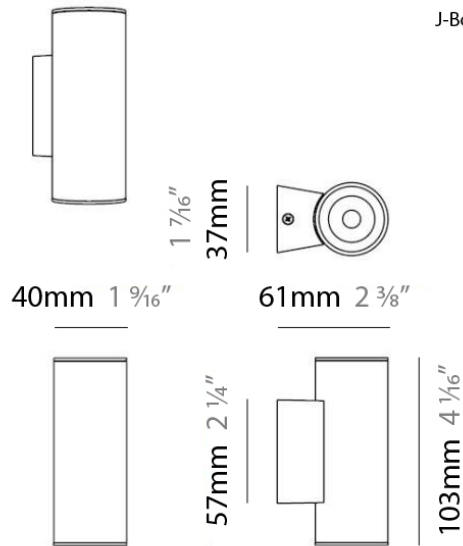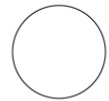CRI: >80 CRI
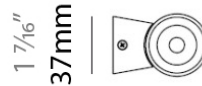
OPTICAL

RATINGS AND CERTIFICATIONS

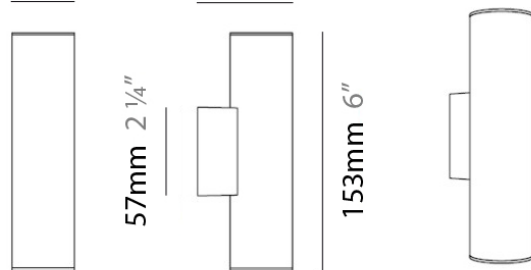Certified By: CSA Certified to UL and CSA Standards
IP rating: IP20

Ø108mm 4 ¼″

J-Box cover plate
Included

40mm 1 ⁹⁄₁₆″

153mm 6″

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ZANEEN®

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 $\frac{1}{4}$
Length (mm): 40
Length (in): 1 $\frac{9}{16}$
Height (mm): 103
Height (in): 4 $\frac{1}{16}$
Extension (mm): 61
Extension (in): 2 $\frac{3}{8}$
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
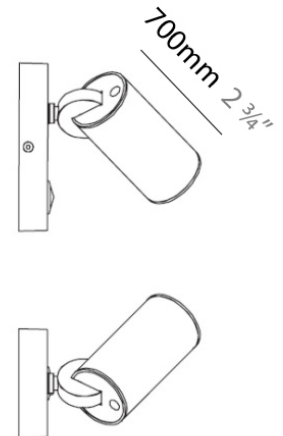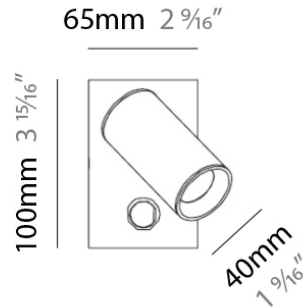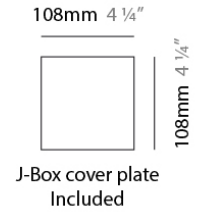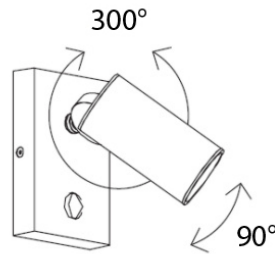Input Voltage (V): 120
Lamp Voltage (V): 120

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

POWER LED A.C.

Ø108mm 4 ¼"

J-Box cover plate
Included

40mm 1 ⁹/₁₆"   1 ⁷/₁₆"   37mm   61mm 2 ³/₈"

57mm 2 ¼"   103mm 4 ¹/₁₆"

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September 23, 2024, 3:55 am

ZANEEN®

TUB LED SURFACE

D93137

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 $\frac{1}{4}$
Length (mm): 40
Length (in): 1 $\frac{9}{16}$
Height (mm): 153
Height (in): 6
Extension (mm): 61
Extension (in): 2 $\frac{3}{8}$
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

POWER LED A.C.

Ø108mm 4 ¼"

J-Box cover plate
Included

1 ⁷⁄₁₆" 37mm

40mm 1 ⁹⁄₁₆"   61mm 2 ³⁄₈"

57mm 2 ¼"   153mm 6"

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September 23, 2024, 3:55 am

ZANEEN®

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 $\frac{9}{16}$
Length (mm): 70
Length (in): 2 $\frac{3}{4}$
Height (mm): 100
Height (in): 3 $\frac{15}{16}$
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

RATINGS AND CERTIFICATIONS

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

300°

90°

108mm 4 ¼"

108mm 4 ¼"

J-Box cover plate
Included

65mm 2 ⁹⁄₁₆"

100mm 3 ¹⁵⁄₁₆"

40mm 1 ⁹⁄₁₆"

700mm 2 ¾"

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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

September 23, 2024, 3:55 am

LEGEND

↓	floor-mounted	⊽	pivotable	✷	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	CRI	color rendering index
▲	direct light distribution	⌂	reflector degree selection	°K	color temperature
⧖	direct/indirect light distribution	S|s	super spot	LM	lumen (luminous flux)
▼	indirect light distribution	⟐	lens	LM/W	efficacy (lumens per watt)
◣	asymmetric light distribution	⊛	lens pack	UGR	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	⑤	walk on
⟳	square wall or ceiling cut-out	⬚	free individual colors 01-29	✎	drive on
⧈	the supplied jig specifies the cutout dimensions	⬚c	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
⟷M	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
▤	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/control gear	▪	color of 3-circuit adaptor	□	protection class II, protection insulation
♉	separately switchable	⊙	indirect diffuser	ETL	ETL Certified to UL and CSA Standards
))	sensor	D	direct diffuser	UL	UL Certified to UL and CSA Standards
⌨	remote control	⚽	ball-proof (upon request)	SB	CSA Certified to UL and CSA Standards
☎	available upon request	📎	accessory	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 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 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

IK01	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)
IK03	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)
IK06	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)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)