ZANEEN®

ROBOTIC SURFACE

PROJECT	
TYPE	
NOTES	
QUANTITY	
DATE	

D92164

GENERAL

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

PHYSICAL

Shape: Cylinder
Length (mm): 90
Length (in): 3 9/16
Width (mm): 50
Width (in): 1 15/16
Height (mm): 90
Height (in): 3 9/16
Light Distribution: Adjustable / Direct
Weight (kg): 1.8
Weight (lbs): 4
Fixture Finish: WHI
Fixture Material: Metal

ELECTRICAL

Number of Lamps: 1
Lamp Type: LED
Total Output Wattage (W): 6.6
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current
Driver Class: Class 2
Input Voltage (V): 120
Constant Current (MA): 350
Upon Request: Dimmable option available with remote driver upon request

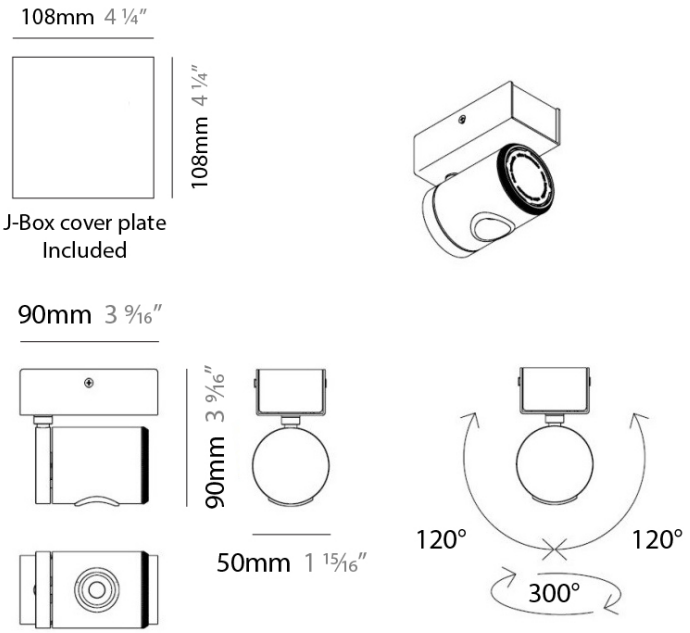
LED

Number of LEDs: 1
Color Temperature (°K): 2700
Max. Delivered Lumen (lm): 431.51
Nominal Lumen (lm): 600
CRI: >80 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

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



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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

October 17, 2024, 10:25 pm

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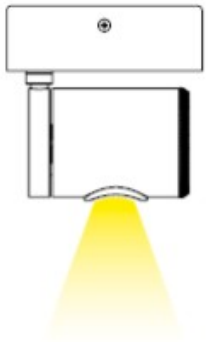

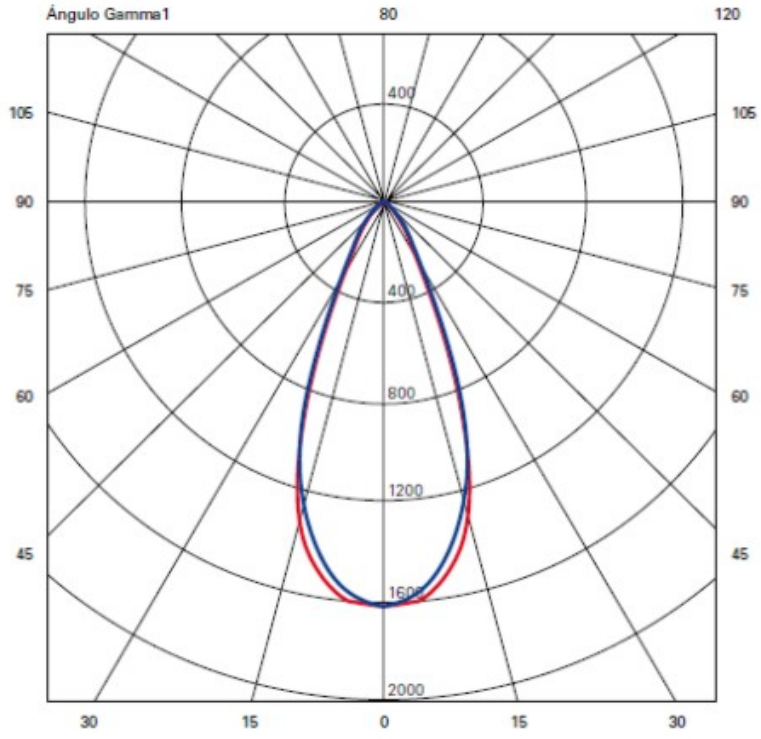

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COLOR FINISH CHART

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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.

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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		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		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)	DSC	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
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 Certified to UL and CSA Standards
sensor	D	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

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)