# ZANEEN.

## SORRISO SURFACE

### D22024

GENERAL	
Series: Sorriso	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Ambient	
PHYSICAL	
Shape: Dome	
Diameter (mm): 400	
Diameter (in): 15 <sup>3</sup> / <sub>4</sub>	
Height (mm): 110	
Height (in): $4\frac{1}{4}$	
Light Distribution: Omnidirectional	
Weight (kg): 5.72	
Weight (lbs): 12.6	
Diffuser: Satin White Glass	
Fixture Finish: NIC	
Fixture Material: Glass / Aluminum	
ELECTRICAL	
Number of Lamps: 2	
Lamp Type: LED Retrofit	
Bulb Included: Bulb Not Included	
Total Output Wattage (W): 20	
Max. Wattage Per Lamp (W): 10	
Lamn Base: E26	

LED	
Upon Request: 277Vac / GU24	
Input Voltage (V): 120	
Lamp Base: E26	

#### OPTICAL

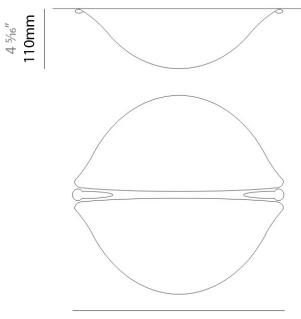
#### RATINGS AND CERTIFICATIONS

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

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PROJECT				
ТҮРЕ				
NOTES				
QUANTITY				
DATE				
	-			





400mm 15 3/4"

D

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**.

## **SORRISO SURFACE**

### D22024H

#### GENERAL

GENERAL	
Series: Sorriso	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Pendant	
PHYSICAL	
Shape: Dome	
Diameter (mm): 400	
Diameter (in): 15 <sup>3</sup> / <sub>4</sub>	
Height (mm): 110	
Height (in): $4\frac{1}{4}$	
Light Distribution: Omnidirectional	
Weight (kg): 5.72	
Weight (lbs): 12.6	
Diffuser: Satin White Glass	
Fixture Finish: NIC	
Fixture Material: Glass / Aluminum	
ELECTRICAL	
Number of Lamps: 1	
Lamp Type: LED Retrofit / Halogen	
Lamp Shape: T3Q (119mm)	
Bulb Included: Bulb Not Included	
Total Output Wattage (W): 18 / 150	
Max. Wattage Per Lamp (W): 18 / 150	
Lamp Base: RSC	
Input Voltage (V): 120	

Input Voltage	(V): 120

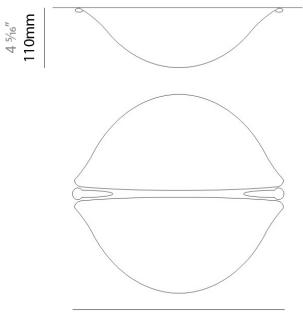
LED OPTICAL

#### **RATINGS AND CERTIFICATIONS**

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

PROJECT		
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400mm 15 3/4"

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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)