ZANEEN®

ORBITAL SUSPENSION

A51061- ___ - ___

base number   Color Temperature   Finish Options

1.To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Orbital
Brand: Ivela
Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Panels

PHYSICAL

Shape: Round
Diameter (mm): 707
Diameter (in): 27 $\frac{13}{16}$
Height (mm): 15
Height (in): 9/16
Max. Overall Height (mm): 2500
Max. Overall Height (in): 98 $\frac{7}{16}$
Light Distribution: Direct
Diffuser: Opal Polycarbonate
Fixture Finish: WHI / BLK / GLD
Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 44
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Housing: ENCP 5 (ERP) ENCP 13 (SC Power)
Input Voltage (V): 120 - 277
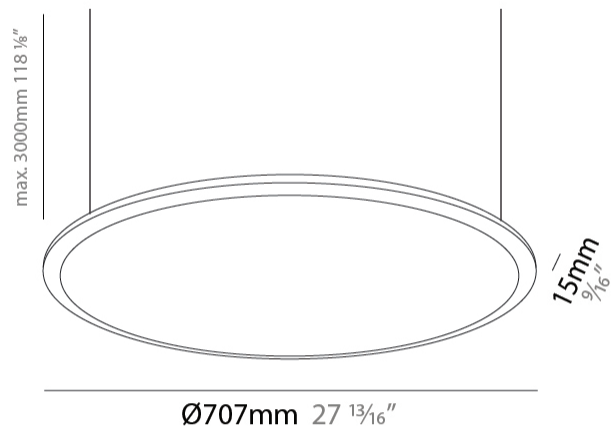Output Voltage (V): 24

LED

Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 3168 / 3300 / 3498
Nominal Lumen (lm): 5280 / 5500 / 5830
CRI: >93 CRI
Lamp Life (hrs): 50000

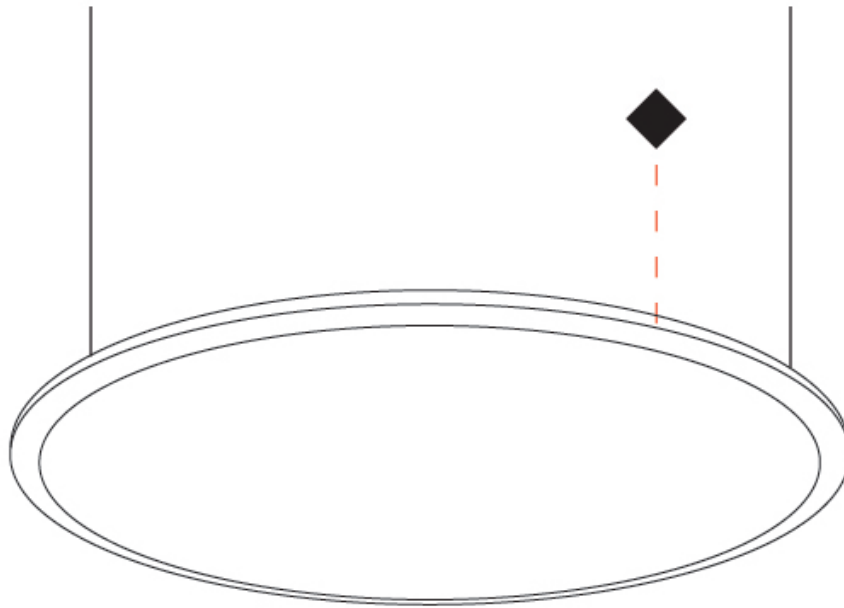**OPTICAL**

RATINGS AND CERTIFICATIONS

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

max. 3000mm 118 ⅛"

15mm 9/16"

Ø707mm 27 $\frac{13}{16}$"

A

November 12, 2024, 8:08 pm

ZANEEN®

ORBITAL SUSPENSION

A51061-

Ⓐ

November 12, 2024, 8:08 pm

ZANEEN®

ORBITAL SUSPENSION

A51062- _____ - _____

base number   Color   Finish
            Temperature   Options

1.To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL
Series: Orbital
Brand: Ivela
Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Panels

PHYSICAL
Shape: Round
Diameter (mm): 899
Diameter (in): 35 $\frac{3}{8}$
Height (mm): 19
Height (in): 3/4
Max. Overall Height (mm): 2500
Max. Overall Height (in): 98 $\frac{7}{16}$
Light Distribution: Direct
Diffuser: Opal Polycarbonate
Fixture Finish: WHI / BLK / GLD
Fixture Material: Aluminum

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 56
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Housing: ENCP 5 (ERP) ENCP 8 (SC Power)
Input Voltage (V): 120 - 277
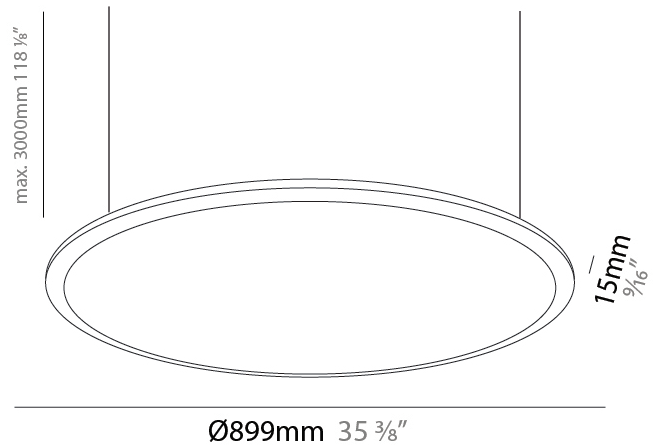Output Voltage (V): 24

LED
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 4032 / 4200 / 4452
Nominal Lumen (lm): 6720 / 7000 / 7420
CRI: >93 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP20

max. 3000mm 1 18 ⅛"

15mm ⁹⁄₁₆"

Ø899mm 35 ⅜"

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ORBITAL SUSPENSION

A51062-

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November 12, 2024, 8:08 pm

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ORBITAL SUSPENSION

A51063- ___ - ___

base number   Color   Finish
              Temperature   Options

1.To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Orbital
Brand: Ivela
Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Panels

PHYSICAL

Shape: Round
Diameter (mm): 1216
Diameter (in): 47 7/8
Height (mm): 19
Height (in): 3/4
Max. Overall Height (mm): 2500
Max. Overall Height (in): 98 7/16
Light Distribution: Direct
Diffuser: Opal Polycarbonate
Fixture Finish: WHI / BLK / GLD
Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 78
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Housing: ENCP 5 (ERP) ENCP 8 (SC Power)
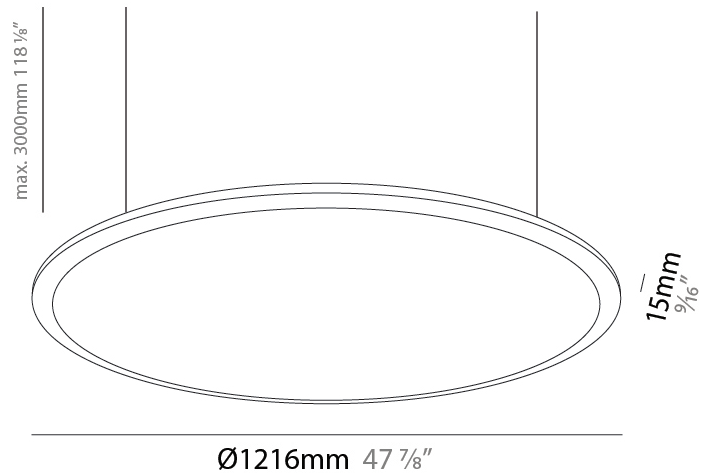Input Voltage (V): 120 - 277
Output Voltage (V): 24

LED

Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 5472 / 5700 / 6042
Nominal Lumen (lm): 9120 / 9500 / 10070
CRI: >93 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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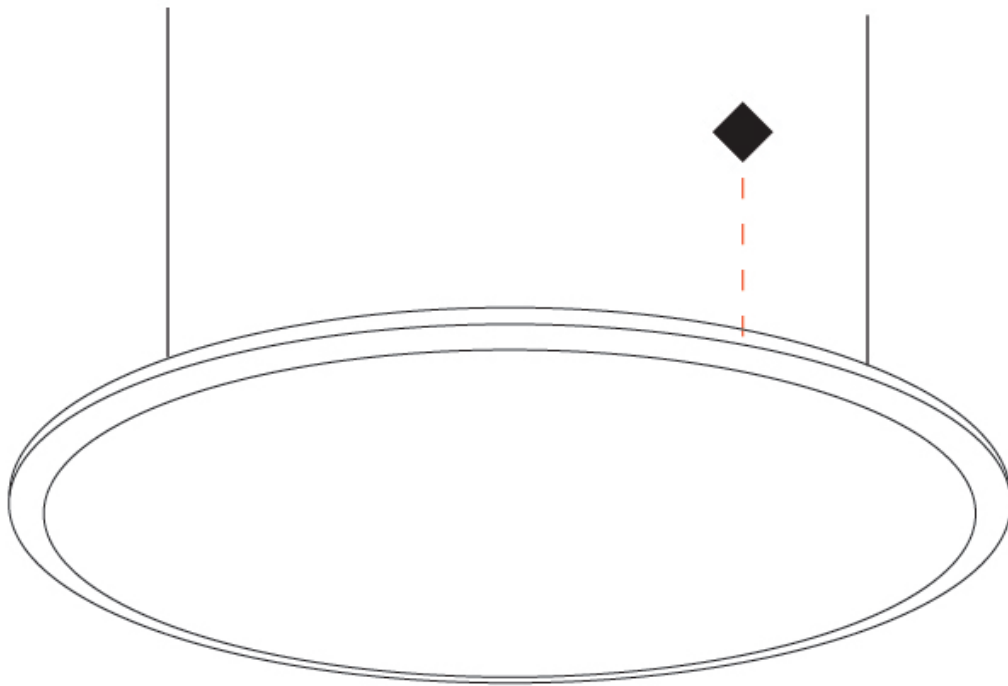IP rating: IP20

max. 3000mm 118 1/8"

15mm 9/16"

Ø1216mm 47 7/8"

Ⓐ

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ORBITAL SUSPENSION

A51063-

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ZANEEN®

ORBITAL SURFACE

A52032-   -

base number   Color   Finish
               Temperature   Options

1.To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Orbital
Brand: Ivela
Division: Architectural
Mounting Type: Surface
Mounting Location: Wall / Ceiling
Subcategory: Panels

PHYSICAL

Shape: Round
Diameter (mm): 707
Diameter (in): 287 $^{13}/_{16}$
Height (mm): 15
Height (in): 9/16
Light Distribution: Direct
Diffuser: PMMA - Opal
Fixture Finish: WHI / BLK / GLD
Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 44
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Housing: ENCP 5 (ERP) ENCP 13 (SC Power)
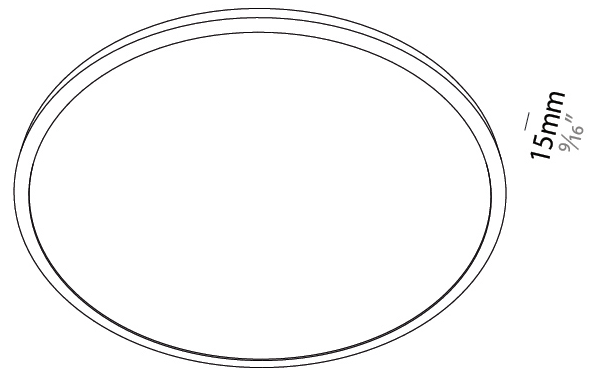Input Voltage (V): 120 - 277
Output Voltage (V): 24

LED

Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 3168 / 3300 / 3498
Nominal Lumen (lm): 5280 / 5500 / 5830
CRI: >93 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

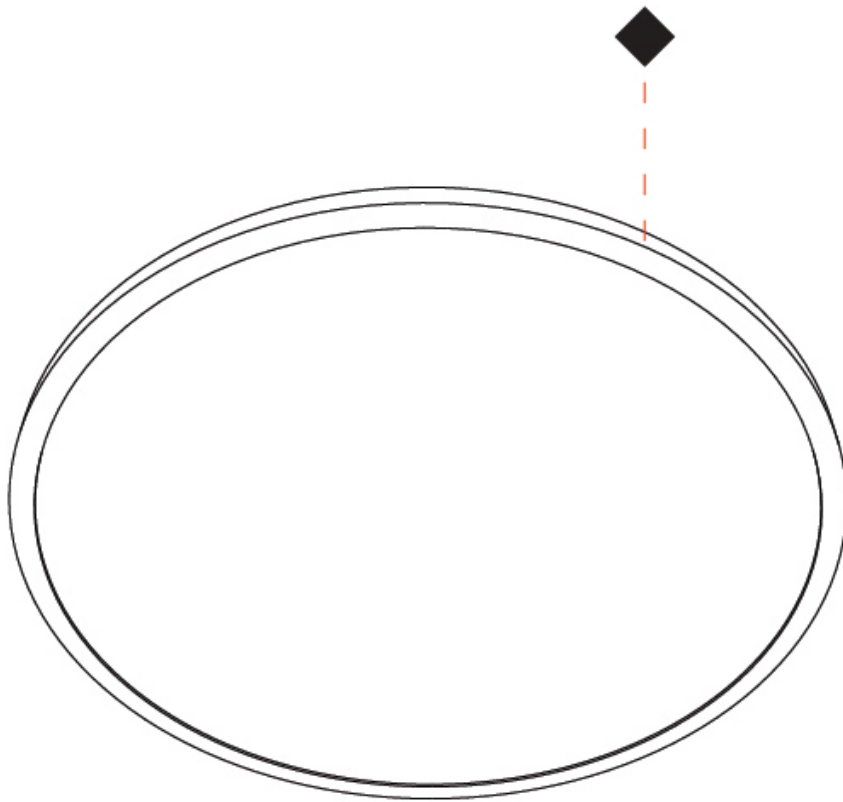Certified By: CSA Certified to UL and CSA Standards
IP rating: IP20

15mm $^{9}/_{16}$"

Ø707mm 27 $^{13}/_{16}$"

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November 12, 2024, 8:08 pm

ZANEEN®

ORBITAL SURFACE

A52032-

A

November 12, 2024, 8:08 pm

ZANEEN®

ORBITAL SURFACE

A52033-   -

base number   Color   Finish
                   Temperature   Options

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Orbital

Brand: Ivela

Division: Architectural

Mounting Type: Surface

Mounting Location: Wall / Ceiling

Subcategory: Panels

PHYSICAL

Shape: Round

Diameter (mm): 899

Diameter (in): 35 ⅜

Height (mm): 19

Height (in): 3/4

Light Distribution: Direct

Diffuser: PMMA - Opal

Fixture Finish: WHI / BLK / GLD

Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 56

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: No

Driver Location: Remote

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Housing: ENCP 5 (ERP) ENCP 8 (SC Power)
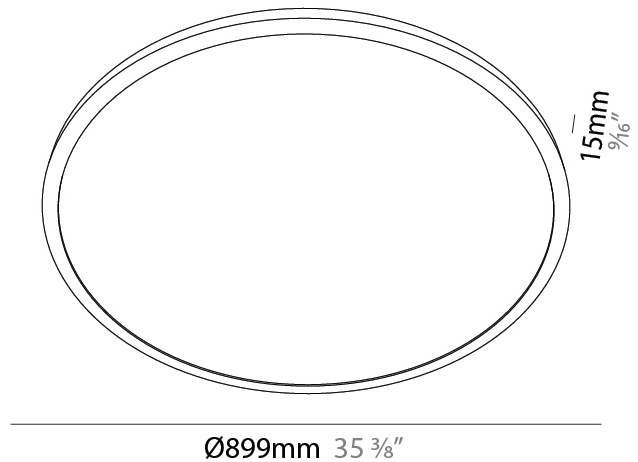
Input Voltage (V): 120 - 277

Output Voltage (V): 24

LED

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 4032 / 4200 / 4452

Nominal Lumen (lm): 6720 / 7000 / 7420

CRI: >93 CRI

Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

Ø899mm 35 ⅜"

15mm 9/16"

A

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ORBITAL SURFACE

A52033-

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ZANEEN®

ORBITAL SURFACE

A52034- _____ - _____

base number   Color   Finish
               Temperature   Options

1.To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Orbital
Brand: Ivela
Division: Architectural
Mounting Type: Surface
Mounting Location: Wall / Ceiling
Subcategory: Panels

PHYSICAL

Shape: Round
Diameter (mm): 1216
Diameter (in): 47 $\frac{7}{8}$
Height (mm): 19
Height (in): 3/4
Light Distribution: Direct
Diffuser: PMMA - Opal
Fixture Finish: WHI / BLK / GLD
Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 76
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Housing: ENCP 5 (ERP) ENCP 8 (SC Power)
Input Voltage (V): 120 - 277
Output Voltage (V): 24

LED

Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 5472 / 5700 / 6042
Nominal Lumen (lm): 9120 / 9500 / 10070
CRI: >93 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

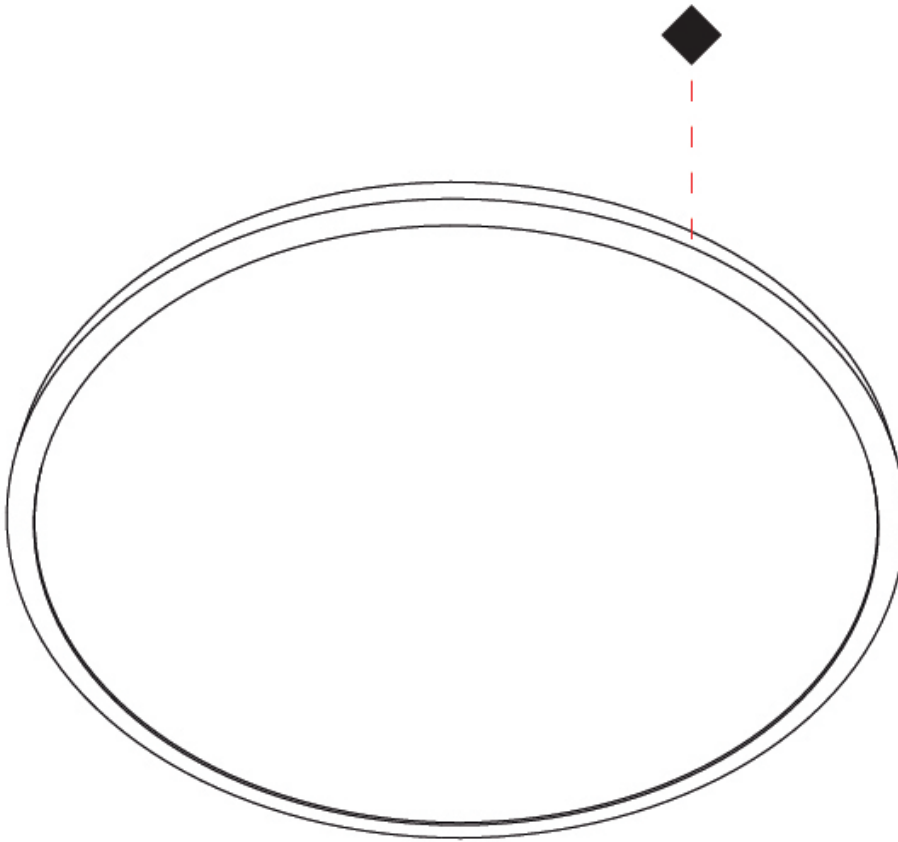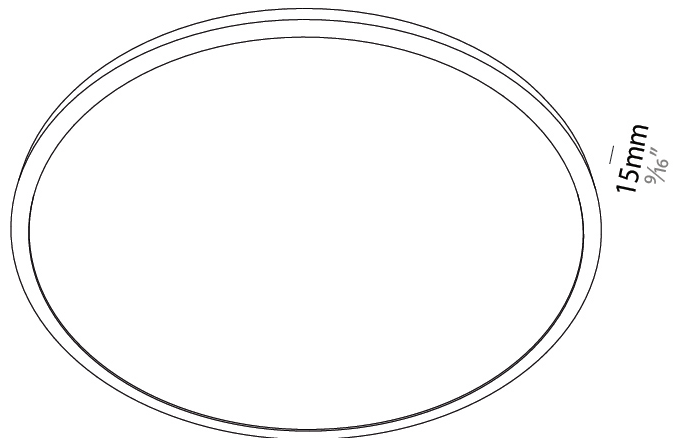Certified By: CSA Certified to UL and CSA Standards
IP rating: IP20

Ø1216mm 47 ⅞"

15mm
⁹⁄₁₆"

(A)

November 12, 2024, 8:08 pm

ZANEEN®

ORBITAL SURFACE

A52034-

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November 12, 2024, 8:08 pm

ZANEEN®

ORBITAL RECESSED

A56182- ___ – ___

base number   Color Temperature   Finish Options

1.To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Orbital

Brand: Ivela

Division: Architectural

Mounting Type: Recessed

Mounting Location: Ceiling

Subcategory: Panels

PHYSICAL

Shape: Round

Diameter (mm): 707

Diameter (in): 287 $^{13}/_{16}$

Height (mm): 15

Height (in): 9/16

Light Distribution: Direct

Diffuser: PMMA - Opal

Fixture Finish: WHI / BLK / GLD

Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 44

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: No

Driver Location: Remote

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Housing: ENCP 5 (ERP) ENCP 13 (SC Power)

Input Voltage (V): 120 - 277
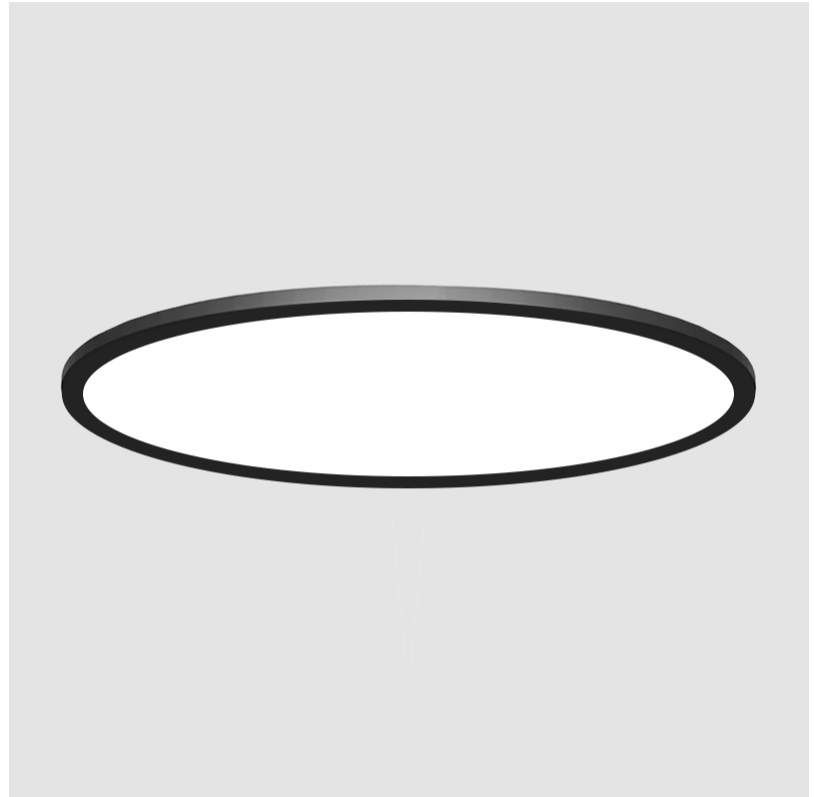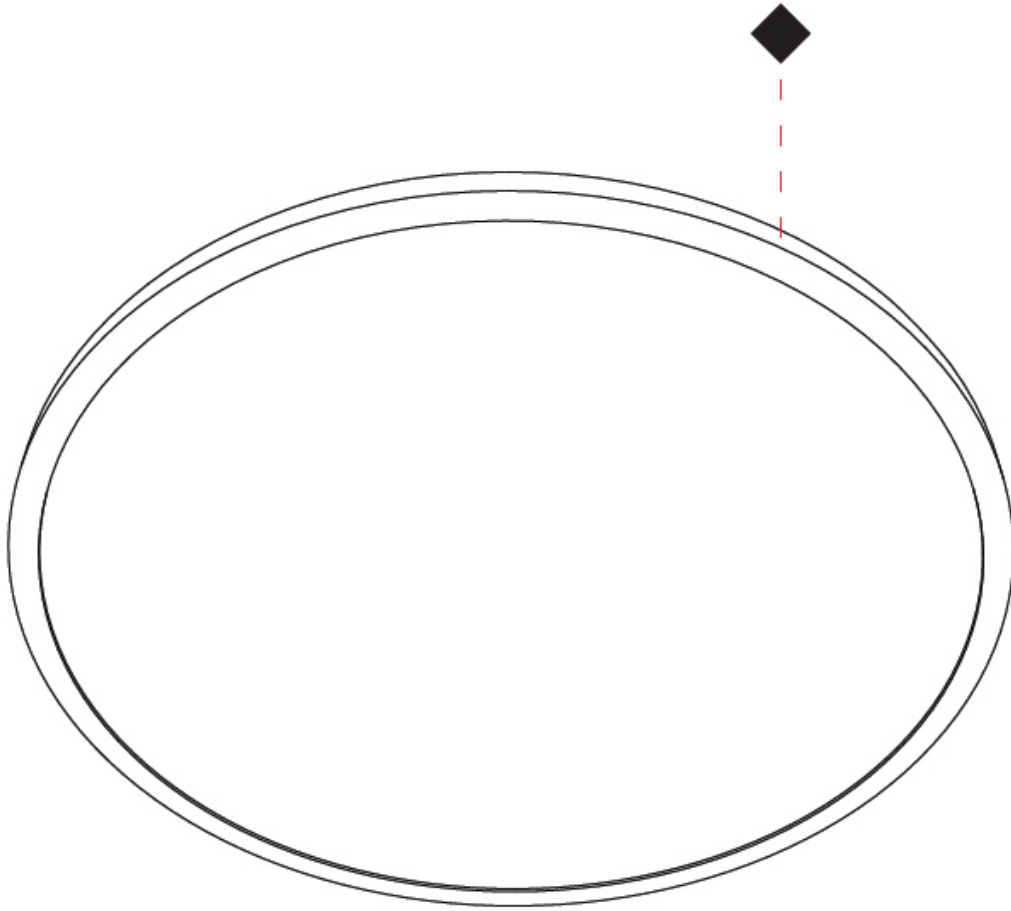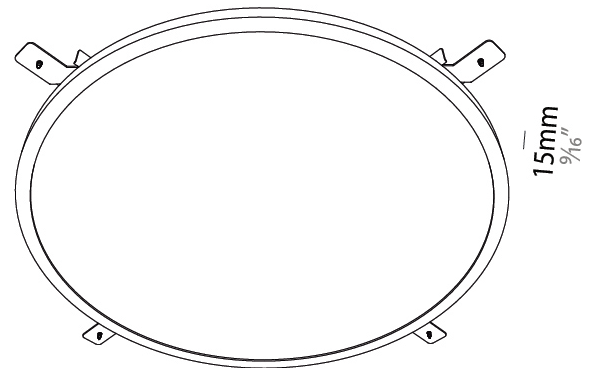
Output Voltage (V): 24

LED

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 3168 / 3300 / 3498

Nominal Lumen (lm): 5280 / 5500 / 5830

CRI: >93 CRI

Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

Ø707mm 27 $^{13}/_{16}$"

15mm 9/16"

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ORBITAL RECESSED

A56182-

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ORBITAL RECESSED

A56183- ‒

base number   Color Temperature   Finish Options

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Orbital

Brand: Ivela

Division: Architectural

Mounting Type: Recessed

Mounting Location: Ceiling

Subcategory: Panels

PHYSICAL

Shape: Round

Diameter (mm): 899

Diameter (in): 35 ⅜

Height (mm): 19

Height (in): 3/4

Light Distribution: Direct

Diffuser: PMMA - Opal

Fixture Finish: WHI / BLK / GLD

Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 56

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: No

Driver Location: Remote

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Housing: ENCP 5 (ERP) ENCP 8 (SC Power)

Input Voltage (V): 120 - 277

Output Voltage (V): 24

LED

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 4032 / 4200 / 4452

Nominal Lumen (lm): 6720 / 7000 / 7420

CRI: >93 CRI

Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

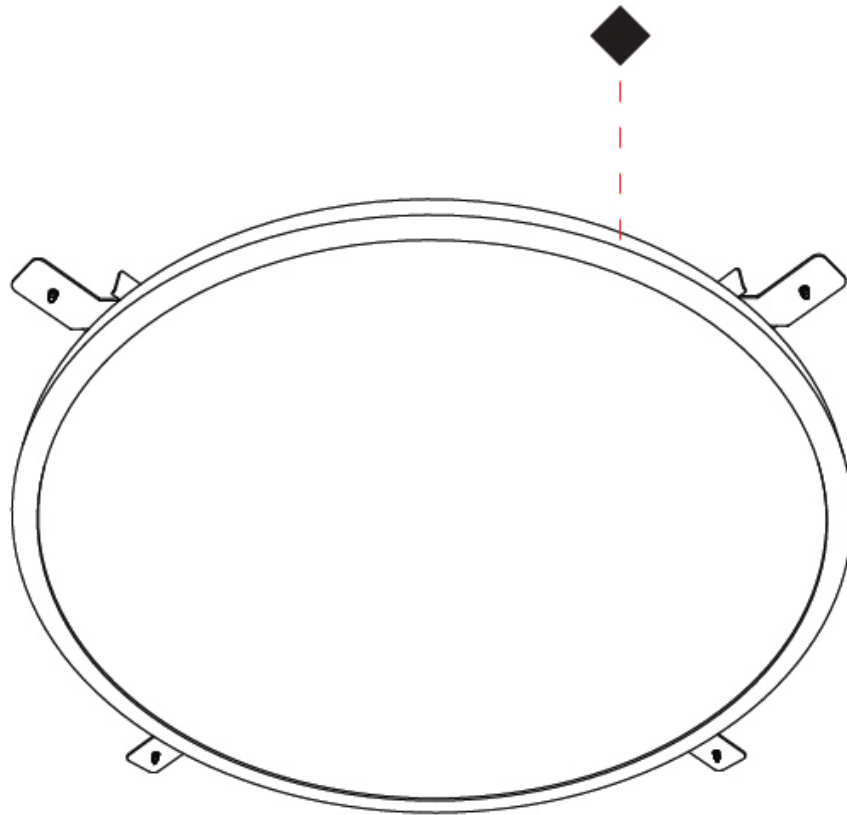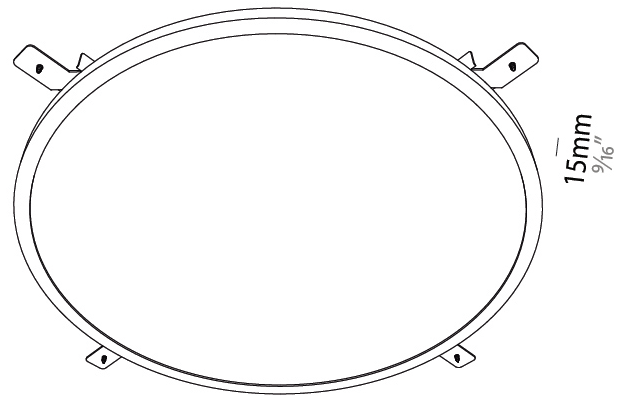Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

Ø899mm 35 ⅜"

15mm 9/16"

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ORBITAL RECESSED

A56184-   -

base number | Color Temperature | Finish Options

1.To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL
Series: Orbital
Brand: Ivela
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Panels

PHYSICAL
Shape: Round
Diameter (mm): 1216
Diameter (in): 47 7/8
Height (mm): 19
Height (in): 3/4
Light Distribution: Direct
Diffuser: PMMA - Opal
Fixture Finish: WHI / BLK / GLD
Fixture Material: Aluminum

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 76
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Housing: ENCP 5 (ERP) ENCP 8 (SC Power)
Input Voltage (V): 120 - 277
Output Voltage (V): 24

LED
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 5472 / 5700 / 6042
Nominal Lumen (lm): 9120 / 9500 / 10070
CRI: >93 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS
Certified By: CSA Certified to UL and CSA Standards
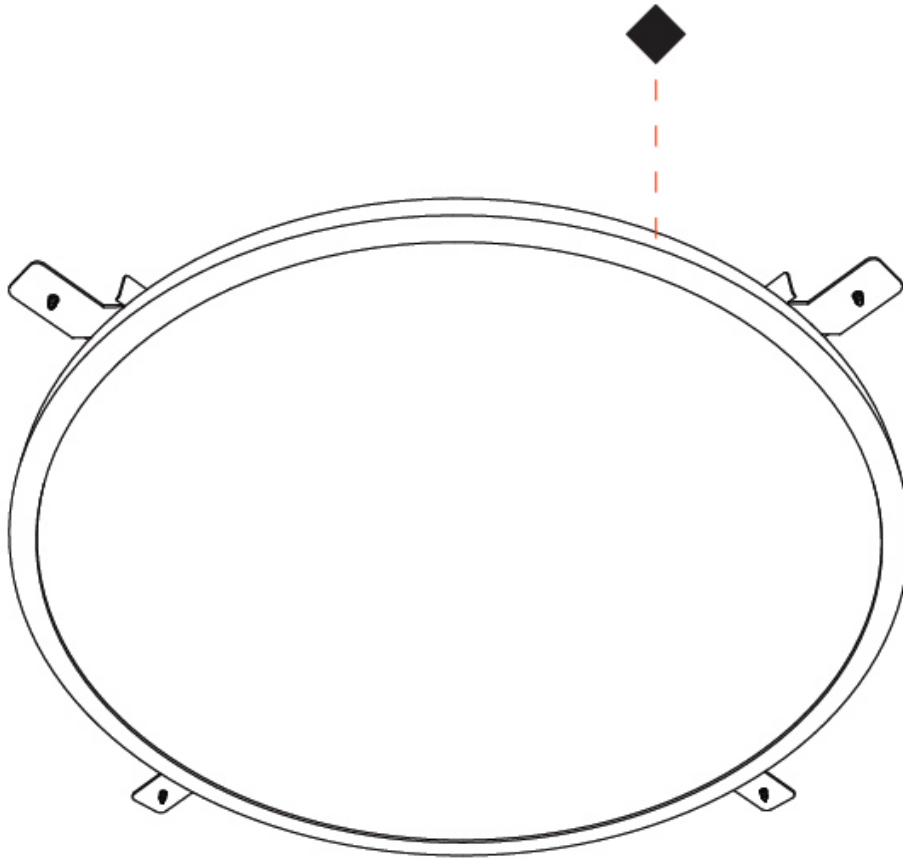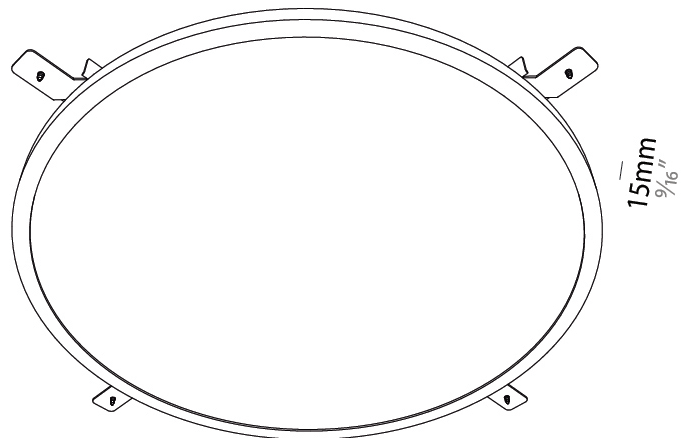IP rating: IP20

15mm 9/16"

Ø1216mm 47 7/8"

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A56184-

November 12, 2024, 8:08 pm

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ORBITAL
COLOR FINISH CHART

Fixture Finish

White - WHI

Black - BLK

Gold - GLD

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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ORBITAL

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

LEGEND

Symbol	Description	Symbol	Description	Symbol	Description
↓	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		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	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)	CSA	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)

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Page 20/20

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.

November 12, 2024, 8:08 pm