ZANEEN®

ORION HORIZONTAL SUSPENSION

D101504-

base number   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: Orion
Subseries: Orion Horizontal
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient

PHYSICAL

Shape: Abstract
Length (mm): 1700
Length (in): 66 $\frac{15}{16}$
Width (mm): 300
Width (in): 11 $\frac{13}{16}$
Height (mm): 300
Height (in): 11 $\frac{13}{16}$
Max. Overall Height (mm): 2300
Max. Overall Height (in): 90 $\frac{9}{16}$
Light Distribution: Omnidirectional
Weight (kg): 11
Weight (lbs): 24.25
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 2000mm Cable
Upon Request: Custom Sizes

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 88.8
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - 120/277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
Upon Request: 0-10Vdc dimming

LED

Number of LEDs: 148
Color Temperature (°K): 2800
Max. Delivered Lumen (lm): 1480
CRI: >95 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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

D

October 6, 2024, 9:16 am

ZANEEN®

ORION HORIZONTAL SUSPENSION

D101504-

D

Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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 6, 2024, 9:16 am

ZANEEN®

ORION HORIZONTAL SUSPENSION

D101564-

base number   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: Orion
Subseries: Orion Horizontal
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient

PHYSICAL

Shape: Abstract
Length (mm): 1200
Length (in): 47 $\frac{1}{4}$
Width (mm): 300
Width (in): 11 $\frac{13}{16}$
Height (mm): 300
Height (in): 11 $\frac{13}{16}$
Max. Overall Height (mm): 2300
Max. Overall Height (in): 90 $\frac{9}{16}$
Light Distribution: Omnidirectional
Weight (kg): 10
Weight (lbs): 22.05
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 2000mm Cable
Upon Request: Custom Sizes

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 61.2
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - 120/277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
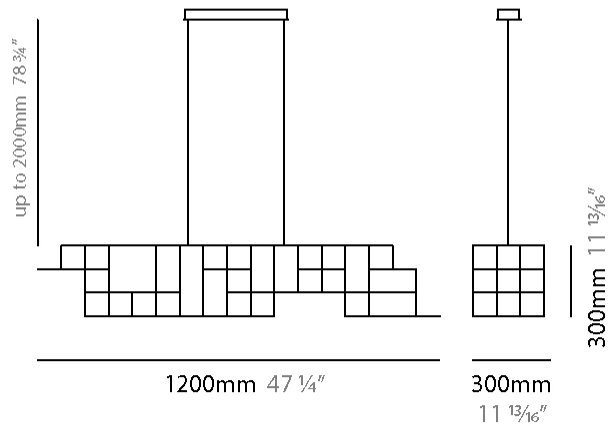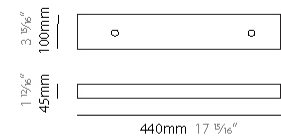Output Voltage (V): 12
Upon Request: 0-10Vdc dimming

LED

Number of LEDs: 102
Color Temperature (°K): 2800
Max. Delivered Lumen (lm): 1020
CRI: >95 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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

October 6, 2024, 9:16 am

ZANEEN®

ORION HORIZONTAL SUSPENSION

D101564-

D

October 6, 2024, 9:16 am

ZANEEN®
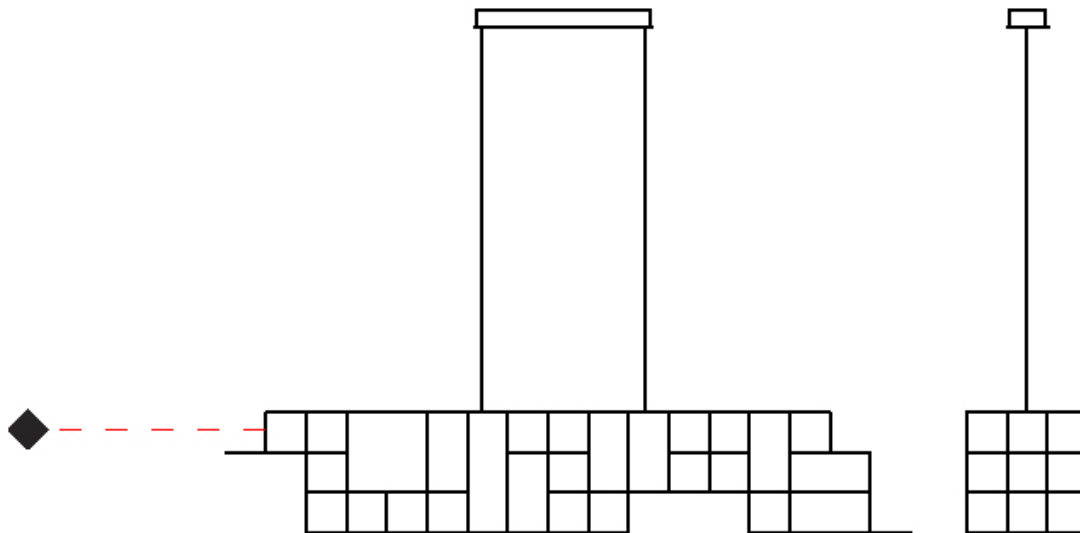
ORION VERTICAL SUSPENSION

D101566-

base number · 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: Orion

Subseries: Orion Vertical

Brand: Quasar

Division: Design

Mounting Type: Suspension

Mounting Location: Ceiling

Subcategory: Ambient

PHYSICAL

Shape: Abstract

Length (mm): 300

Length (in): 11 $\frac{13}{16}$

Width (mm): 300

Width (in): 11 $\frac{13}{16}$

Height (mm): 1500

Height (in): 59 $\frac{1}{16}$

Max. Overall Height (mm): 3500

Max. Overall Height (in): 137 $\frac{13}{16}$

Light Distribution: Omnidirectional

Weight (kg): 3

Weight (lbs): 6.61

Fixture Finish: NIC / BRA / BBR

Fixture Material: Metal

Cable Details: 2000mm Cable

Upon Request: Custom Sizes

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 80.4

Dimming: Non-Dimming / Phase Dimming (120vac Only)

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Voltage - 120/277Vac

Driver Class: Class 2

Input Voltage (V): 120 - 277

Output Voltage (V): 12
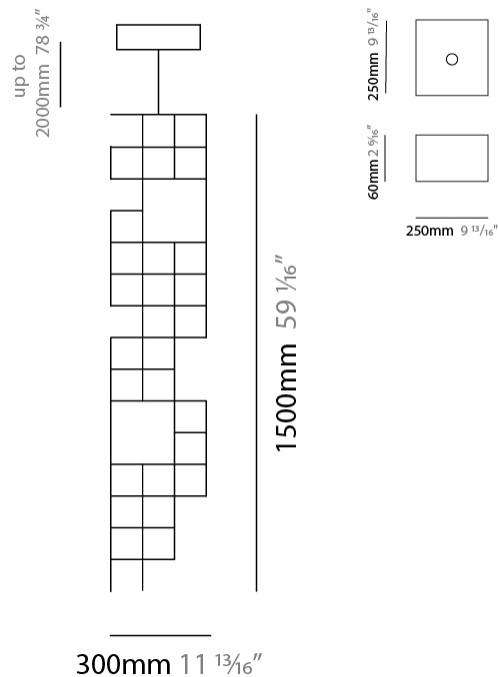
Upon Request: 0-10Vdc dimming

LED

Number of LEDs: 134

Color Temperature (°K): 2800

Max. Delivered Lumen (lm): 1340

CRI: >95 CRI

Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

up to 2000mm 78 ¾"

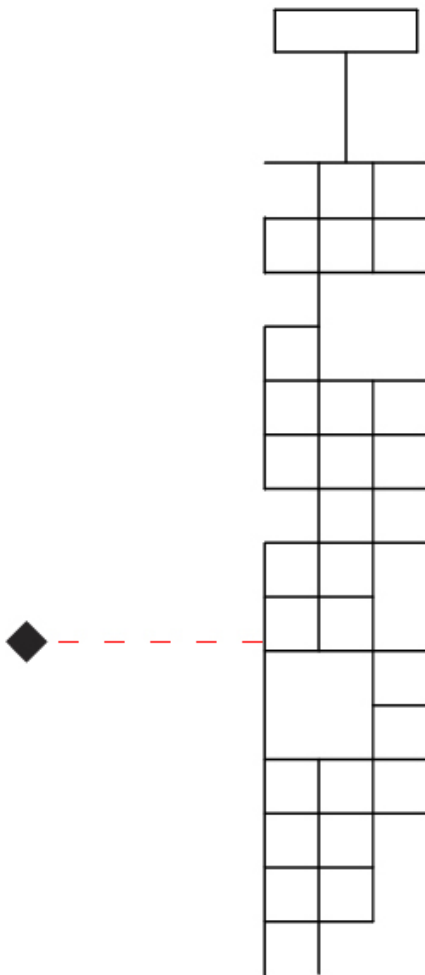250mm 9 ¹³⁄₁₆"

60mm 2 ⁹⁄₁₆"

250mm 9 ¹³⁄₁₆"

1500mm 59 ¹⁄₁₆"

300mm 11 ¹³⁄₁₆"

D

October 6, 2024, 9:16 am

ZANEEN®

ORION VERTICAL SUSPENSION

D101566-

D

October 6, 2024, 9:16 am

ZANEEN®

ORION PORTABLE

D104205-

base number   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: Orion
Brand: Quasar
Division: Design
Mounting Type: Portable
Mounting Location: Table
Subcategory: Ambient

PHYSICAL

Shape: Abstract
Length (mm): 300
Length (in): 11 $\frac{13}{16}$
Width (mm): 300
Width (in): 11 $\frac{13}{16}$
Height (mm): 560
Height (in): 22 $\frac{1}{16}$
Light Distribution: Omnidirectional
Weight (kg): 3
Weight (lbs): 6.61
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 21
Dimming: Touch Dimming
Driver Location: Inline Transformer Plug
Input Voltage (V): 120
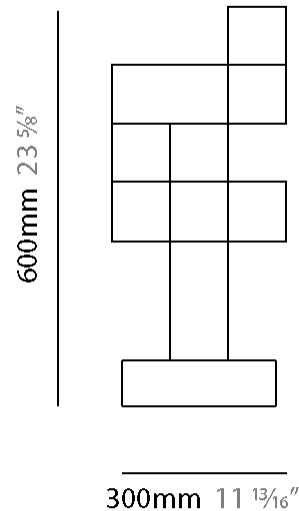Output Voltage (V): 5

LED

Number of LEDs: 35
Color Temperature (°K): 2800
Max. Delivered Lumen (lm): 840
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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

600mm 23 $\frac{5}{8}$"

300mm 11 $\frac{13}{16}$"

D

ZANEEN®

ORION PORTABLE

D104205-

D

October 6, 2024, 9:16 am

ZANEEN®

ORION
COLOR FINISH CHART
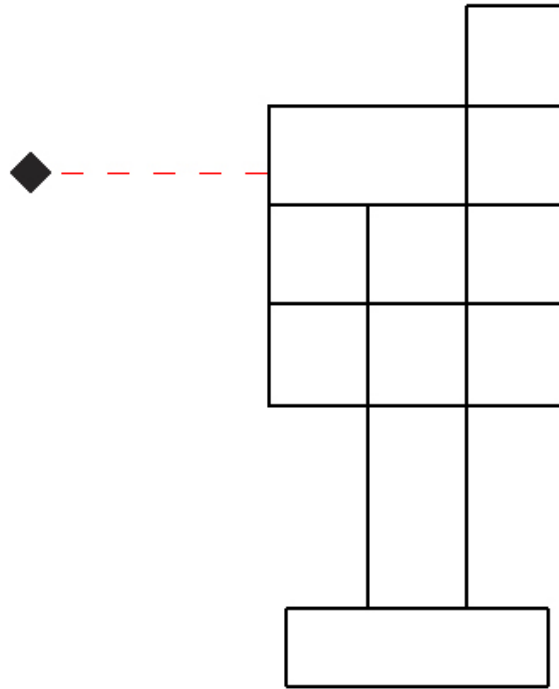
Fixture Finish

Nickel - NIC

Brass - BRA

Black Brass - BBR

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.

Brass, nickel and copper are natural minerals and can potentially change color and show marks over time. We cannot guarantee the color appearance as the material transforms.

D

October 6, 2024, 9:16 am

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	C	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

Rating	Description
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

Rating	Description
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)

Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Page 10/10

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 6, 2024, 9:16 am