# **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 <sup>15</sup> / <sub>16</sub>
Width (mm): 300
Width (in): 11 <sup>13</sup> / <sub>16</sub>
Height (mm): 300
Height (in): $11^{13}/_{16}$
Max. Overall Height (mm): 2300
Max. Overall Height (in): 90 $\%_{16}$
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
IED

#### LED

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

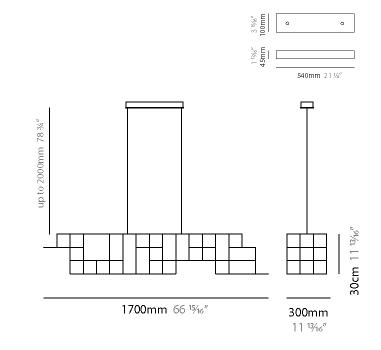
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

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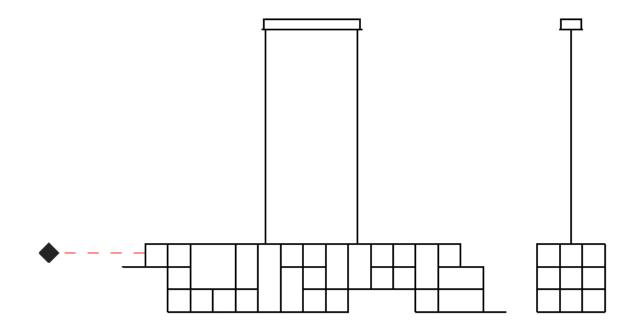
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In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

# **ORION HORIZONTAL SUSPENSION**

D101504-

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# **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

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 $\frac{13}{16}$ Height (in): 11 $\frac{13}{16}$ Max. Overall Height (mm): 2300 Max. Overall Height (in): 90 $\frac{3}{16}$ Light Distribution: Omnidirectional Weight (kg): 10 Weight (lbs): 22.05 Fixture Finish: NIC / BRA / BBR Fixture Material: Metal	Series: Orion
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 $\frac{13}{46}$ Height (in): 11 $\frac{13}{46}$ Max. Overall Height (mn): 2300   Max. Overall Height (in): 90 $\frac{9}{16}$ Light Distribution: Omnidirectional   Weight (lbs): 22.05   Fixture Finish: NIC / BRA / BBR   Fixture Material: Metal	Subseries: Orion Horizontal
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 $\frac{13}{46}$ Height (in): 11 $\frac{13}{46}$ Max. Overall Height (mn): 2300   Max. Overall Height (in): 90 $\frac{9}{16}$ Light Distribution: Omnidirectional   Weight (lbs): 22.05   Fixture Finish: NIC / BRA / BBR   Fixture Material: Metal	Brand: Quasar
Mounting Location: Ceiling Subcategory: Ambient PHYSICAL Shape: Abstract Length (mm): 1200 Length (in): 47 $\frac{1}{4}$ Width (mm): 300 Width (in): 11 $\frac{13}{4_{16}}$ Height (mm): 300 Height (in): 11 $\frac{13}{4_{16}}$ Max. Overall Height (mm): 2300 Max. Overall Height (in): 90 $\frac{3}{4_{16}}$ Light Distribution: Omnidirectional Weight (kg): 10 Weight (lbs): 22.05 Fixture Finish: NIC / BRA / BBR Fixture Material: Metal	Division: Design
Subcategory: Ambient PHYSICAL Shape: Abstract Length (mm): 1200 Length (in): 47 $\frac{1}{4}$ Width (mm): 300 Width (in): 11 $\frac{13}{1_{16}}$ Height (mm): 300 Height (in): 11 $\frac{13}{1_{16}}$ Max. Overall Height (mm): 2300 Max. Overall Height (in): 90 $\frac{3}{1_{16}}$ Light Distribution: Omnidirectional Weight (kg): 10 Weight (lbs): 22.05 Fixture Finish: NIC / BRA / BBR Fixture Material: Metal	Mounting Type: Suspension
PHYSICAL   Shape: Abstract   Length (mm): 1200   Length (in): 47 $\frac{1}{4}$ Width (mm): 300   Width (in): 11 $\frac{13}{16}$ Height (in): 11 $\frac{13}{16}$ Max. Overall Height (mm): 2300   Max. Overall Height (in): 90 $\frac{9}{16}$ Light Distribution: Omnidirectional   Weight (lbs): 22.05   Fixture Finish: NIC / BRA / BBR   Fixture Material: Metal	Mounting Location: Ceiling
Shape: Abstract Length (mm): 1200 Length (in): 47 $\frac{1}{4}$ Width (mm): 300 Width (in): 11 $\frac{13}{16}$ 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	Subcategory: Ambient
Length (mm): 1200 Length (in): 47 $\frac{1}{4}$ Width (mm): 300 Width (in): 11 $\frac{13}{16}$ 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	PHYSICAL
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	Shape: Abstract
Width (mm): 300   Width (in): $11^{13}/_{16}$ Height (mm): 300   Height (in): $11^{13}/_{16}$ Max. Overall Height (mm): 2300   Max. Overall Height (in): $90^{7}/_{16}$ Light Distribution: Omnidirectional   Weight (kg): 10   Weight (lbs): 22.05   Fixture Finish: NIC / BRA / BBR   Fixture Material: Metal	Length (mm): 1200
Width (in): 11 <sup>13</sup> / <sub>16</sub> Height (mm): 300 Height (in): 11 <sup>13</sup> / <sub>16</sub> Max. Overall Height (mm): 2300 Max. Overall Height (in): 90 <sup>9</sup> / <sub>16</sub> Light Distribution: Omnidirectional Weight (kg): 10 Weight (lbs): 22.05 Fixture Finish: NIC / BRA / BBR Fixture Material: Metal	Length (in): 47 $\frac{1}{4}$
Height (mm): 300 Height (in): 11 <sup>13</sup> / <sub>16</sub> Max. Overall Height (mm): 2300 Max. Overall Height (in): 90 % <sub>16</sub> Light Distribution: Omnidirectional Weight (kg): 10 Weight (lbs): 22.05 Fixture Finish: NIC / BRA / BBR Fixture Material: Metal	Width (mm): 300
Height (in): 11 <sup>13</sup> / <sub>16</sub> Max. Overall Height (mm): 2300 Max. Overall Height (in): 90 % <sub>16</sub> Light Distribution: Omnidirectional Weight (kg): 10 Weight (lbs): 22.05 Fixture Finish: NIC / BRA / BBR Fixture Material: Metal	Width (in): 11 <sup>13</sup> / <sub>16</sub>
Max. Overall Height (mm): 2300 Max. Overall Height (in): 90 % Light Distribution: Omnidirectional Weight (kg): 10 Weight (lbs): 22.05 Fixture Finish: NIC / BRA / BBR Fixture Material: Metal	Height (mm): 300
Max. Overall Height (in): 90 % Light Distribution: Omnidirectional Weight (kg): 10 Weight (lbs): 22.05 Fixture Finish: NIC / BRA / BBR Fixture Material: Metal	Height (in): $11\frac{13}{16}$
Light Distribution: Omnidirectional Weight (kg): 10 Weight (lbs): 22.05 Fixture Finish: NIC / BRA / BBR Fixture Material: Metal	Max. Overall Height (mm): 2300
Weight (kg): 10 Weight (lbs): 22.05 Fixture Finish: NIC / BRA / BBR Fixture Material: Metal	Max. Overall Height (in): 90 %
Weight (lbs): 22.05 Fixture Finish: NIC / BRA / BBR Fixture Material: Metal	Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR Fixture Material: Metal	Weight (kg): 10
Fixture Material: Metal	Weight (lbs): 22.05
	Fixture Finish: NIC / BRA / BBR
Cable Details: 2000mm Cable	Fixture Material: Metal
	Cable Details: 2000mm Cable
Jpon Request: Custom Sizes	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
IED

### LED

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

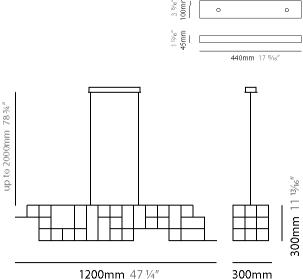
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

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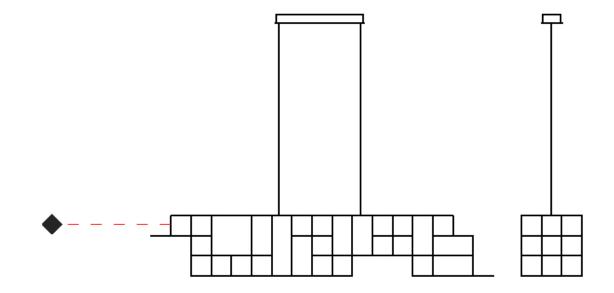
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# **ORION HORIZONTAL SUSPENSION**

D101564-

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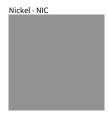


## ORION COLOR FINISH CHART

PROJECT

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#### **Fixture Finish**







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.

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## ORION

PROJECT

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SPECIFIER

QUANTITY DATE

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LEGEND
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<u> </u>	floor-mounted	¥	pivotable	$\circledast$	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
$\overline{}$	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
Î	ceiling-mounted and wall-mounted	Œ	illuminate tilted	Ø	rechargeable battery powered
$\rightarrow$	wall-mounted	T	color of suspension cable	1111 1140	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	÷	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	<b>°К</b>	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
$\mathbf{\mathbf{Y}}$	indirect light distribution	Å	lens	₩.	efficacy (lumens per watt)
	asymmetric light distribution	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	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	Ċ	free individual colors 01-29	۲	drive on
4	the supplied jig specifies the cutout dimensions	ů).	individual colors: 00 (free of charge), 01-25 (extra charge)	<b>B</b> SC	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
	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)	ۥ	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
<b>6</b>	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
Ъ	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	$\boldsymbol{\Theta}$	ball-proof (upon request)	SP:	CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	$(\mathbb{Z})$	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
1965	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**

КО1	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)
КОЗ	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)
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)
1609	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)