## **SPARKS 3 SUSPENSION**

### D101686-

base number LED Finish Dimming 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: Sparks
Subseries: Sparks 3
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Diameter (mm): 780
Diameter (in): 30 <sup>11</sup> / <sub>16</sub>
Height (mm): 520
Height (in): 20 $\frac{1}{2}$
Max. Overall Height (mm): 2520
Max. Overall Height (in): 99 $^3\!\!\!\!\!\!^{}_{16}$
Light Distribution: Omnidirectional
Weight (kg): 5
Weight (lbs): 11.02
Fixture Finish: WHI / PAL
Fixture Material: Metal
Cable Details: 2000mm Cable
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 13.8
Total Output Wattage (W): 9.6
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
Upon Request: (Not included - see components) Remote: 0-10Vdc

Upon Request: (Not included - see components) Remote: 0-10Vdc dimming

### LED

Number of LEDs: 3	
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 1128	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

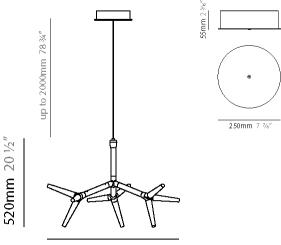
### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

PROJECT TYPE SPECIFIER QUANTITY DATE





Ø780mm 30 11/16"

D

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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.

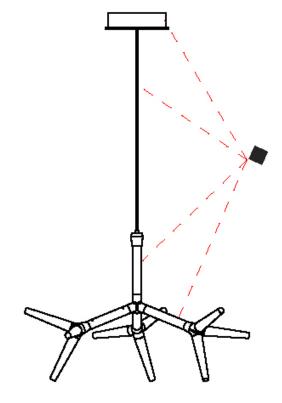
In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

**SPARKS 3 SUSPENSION** 

D101686-

PROJECT

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	



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## **SPARKS 6 SUSPENSION**

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### D101688-

base number	LED	Finish
	Dimming	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: Sparks Subseries: Sparks 6 Brand: Quasar Division: Design Mounting Type: Suspension Mounting Location: Ceiling Subcategory: Ambient <b>PHYSICAL</b> Shape: Abstract Length (mm): 1300 Length (in): 51 $\frac{1}{1_{6}}$ Width (mm): 730 Width (in): 28 $\frac{1}{4}$ Height (mm): 980 Height (in): 38 $\frac{1}{1_{6}}$ Max. Overall Height (mm): 2980 Max. Overall Height (in): 117 $\frac{5}{1_{6}}$ Light Distribution: Omnidirectional Weight (kg): 7 Weight (kg): 7 Weight (lbs): 15.43 Fixture Finish: WH / PAL Fixture Material: Metal Cable Details: 2000mm Cable <b>ELECTRICAL</b> Lamp Type: LED Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24 Upon Request: (Not included - see components) Remote: 0-10Vdc		
Brand: QuasarDivision: DesignMounting Type: SuspensionMounting Location: CeilingSubcategory: AmbientPHYSICALShape: AbstractLength (mm): 1300Length (in): 51 $\frac{3}{1_{16}}$ Width (mm): 730Width (in): 28 $\frac{3}{4}$ Height (mm): 980Height (in): 38 $\frac{9}{1_{56}}$ Max. Overall Height (mm): 2980Max. Overall Height (in): 117 $\frac{5}{1_{15}}$ Light Distribution: OmnidirectionalWeight (kg): 7Weight (kg): 55.43Fixture Finish: WHI / PALFixture Material: MetalCable Details: 2000mm CableELECTRICALLamp Type: LEDInput Wattage (W): 27.6Total Output Wattage (W): 19.2Dimming: Non-Dimming / Phase Dimming (120vac Only)Driver Included: YesDriver Location: IntegratedDriver Type: Constant Voltage - UniversalDriver Class: Class 2Input Voltage (V): 24	Series: Sparks	
Division: Design Mounting Type: Suspension Mounting Location: Ceiling Subcategory: Ambient PHYSICAL Shape: Abstract Length (mm): 1300 Length (in): 51 $\frac{3}{1_{16}}$ Width (mm): 730 Width (in): 28 $\frac{3}{4}$ Height (mm): 980 Height (in): 38 $\frac{3}{1_{16}}$ Max. Overall Height (mm): 2980 Max. Overall Height (in): 117 $\frac{5}{1_{16}}$ Light Distribution: Omnidirectional Weight (kg): 7 Weight (kg): 7 Weight (lbs): 15.43 Fixture Finish: WHI / PAL Fixture Finish: WHI / PAL Fixture Finish: WHI / PAL ELECTRICAL Lamp Type: LED Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 24	Subseries: Sparks 6	
Mounting Type: SuspensionMounting Location: CeilingSubcategory: AmbientPHYSICALShape: AbstractLength (mm): 1300Length (in): $51\frac{7}{46}$ Width (mm): 730Width (in): $28\frac{3}{4}$ Height (mm): 980Height (in): $38\frac{7}{46}$ Max. Overall Height (mm): 2980Max. Overall Height (in): $117\frac{5}{46}$ Light Distribution: OmnidirectionalWeight (kg): 7Weight (kg): 7Weight (lb): 15.43Fixture Finish: WHI / PALFixture Finish: WHI / PALFixture Guerial: MetalCable Details: 2000mm CableELECTRICALLamp Type: LEDInput Wattage (W): 27.6Total Output Wattage (W): 19.2Dimming: Non-Dimming / Phase Dimming (120vac Only)Driver Included: YesDriver Location: IntegratedDriver Type: Constant Voltage - UniversalDriver Class: Class 2Input Voltage (V): 120 - 277Output Voltage (V): 24	Brand: Quasar	
Mounting Location: CeilingSubcategory: AmbientPHYSICALShape: AbstractLength (mm): 1300Length (in): 51 $\frac{3}{1_{6}}$ Width (mm): 730Width (in): 28 $\frac{3}{4}$ Height (mm): 980Height (in): 38 $\frac{3}{1_{6}}$ Max. Overall Height (mm): 2980Max. Overall Height (in): 117 $\frac{5}{1_{16}}$ Light Distribution: OmnidirectionalWeight (kg): 7Weight (kg): 7Weight (lbs): 15.43Fixture Finish: WHI / PALFixture Finish: WHI / PALFixture Material: MetalCable Details: 2000mm CableELECTRICALLamp Type: LEDInput Wattage (W): 27.6Total Output Wattage (W): 19.2Dimming: Non-Dimming / Phase Dimming (120vac Only)Driver Included: YesDriver Location: IntegratedDriver Type: Constant Voltage - UniversalDriver Class: Class 2Input Voltage (V): 120 - 277Output Voltage (V): 24	Division: Design	
Subcategory: Ambient PHYSICAL Shape: Abstract Length (mm): 1300 Length (in): $51\frac{3}{1_{6}}$ Width (mm): 730 Width (in): $28\frac{3}{4}$ Height (mm): 980 Height (in): $38\frac{3}{1_{5}}$ Max. Overall Height (mm): 2980 Max. Overall Height (in): $117\frac{5}{1_{16}}$ Light Distribution: Omnidirectional Weight (kg): 7 Weight (kg): 7 Weight (lbs): 15.43 Fixture Finish: WHI / PAL Fixture Finish: WHI / PAL Fixture Material: Metal Cable Details: 2000mm Cable ELECTRICAL Lamp Type: LED Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 24	Mounting Type: Suspension	
PHYSICALShape: AbstractLength (mm): 1300Length (in): 51 $\frac{3}{1_{16}}$ Width (mm): 730Width (in): 28 $\frac{3}{4}$ Height (mm): 980Height (in): 38 $\frac{3}{1_{16}}$ Max. Overall Height (mm): 2980Max. Overall Height (in): 117 $\frac{5}{1_{16}}$ Light Distribution: OmnidirectionalWeight (kg): 7Weight (kg): 7Weight (lbs): 15.43Fixture Finish: WHI / PALFixture Material: MetalCable Details: 2000mm CableELECTRICALLamp Type: LEDInput Wattage (W): 27.6Total Output Wattage (W): 19.2Dimming: Non-Dimming / Phase Dimming (120vac Only)Driver Included: YesDriver Location: IntegratedDriver Type: Constant Voltage - UniversalDriver Class: Class 2Input Voltage (V): 120 - 277Output Voltage (V): 24	Mounting Location: Ceiling	
Shape: Abstract Length (mm): 1300 Length (in): 51 $\frac{3}{1_{16}}$ Width (mm): 730 Width (in): 28 $\frac{3}{4}$ Height (mm): 980 Height (in): 38 $\frac{9}{1_{16}}$ Max. Overall Height (mm): 2980 Max. Overall Height (in): 117 $\frac{5}{1_{16}}$ Light Distribution: Omnidirectional Weight (kg): 7 Weight (kg): 7 Weight (lbs): 15.43 Fixture Finish: WHI / PAL Fixture Material: Metal Cable Details: 2000mm Cable <b>ELECTRICAL</b> Lamp Type: LED Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Subcategory: Ambient	
Length (mm): 1300 Length (in): 51 $\frac{3}{4_{16}}$ Width (mm): 730 Width (in): 28 $\frac{3}{4}$ Height (mm): 980 Height (in): 38 $\frac{3}{4_{16}}$ Max. Overall Height (mm): 2980 Max. Overall Height (in): 117 $\frac{3}{4_{16}}$ Light Distribution: Omnidirectional Weight (kg): 7 Weight (kg): 7 Weight (lbs): 15.43 Fixture Finish: WHI / PAL Fixture Material: Metal Cable Details: 2000mm Cable <b>ELECTRICAL</b> Lamp Type: LED Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 24	PHYSICAL	
Length (in): $51\frac{3}{4_{16}}$ Width (in): $28\frac{3}{4}$ Height (in): $28\frac{3}{4}$ Height (in): $38\frac{3}{4_{16}}$ Max. Overall Height (in): $2980$ Max. Overall Height (in): $2980$ Max. Overall Height (in): $117\frac{3}{4_{16}}$ Light Distribution: Omnidirectional Weight (kg): 7 Weight (kg): 7 Weight (lbs): $15.43$ Fixture Finish: WHI / PAL Fixture Material: Metal Cable Details: 2000mm Cable <b>ELECTRICAL</b> Lamp Type: LED Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Shape: Abstract	
Width (mm): 730Width (mm): 730Width (in): 28 $\frac{3}{4}$ Height (mm): 980Height (in): 38 $\frac{3}{16}$ Max. Overall Height (mm): 2980Max. Overall Height (in): 117 $\frac{5}{16}$ Light Distribution: OmnidirectionalWeight (kg): 7Weight (kg): 7Weight (lbs): 15.43Fixture Finish: WHI / PALFixture Material: MetalCable Details: 2000mm Cable <b>ELECTRICAL</b> Lamp Type: LEDInput Wattage (W): 27.6Total Output Wattage (W): 19.2Dimming: Non-Dimming / Phase Dimming (120vac Only)Driver Included: YesDriver Location: IntegratedDriver Type: Constant Voltage - UniversalDriver Class: Class 2Input Voltage (V): 120 - 277Output Voltage (V): 24	Length (mm): 1300	
Width (in): 28 <sup>3</sup> / <sub>4</sub> Height (mm): 980         Height (in): 38 <sup>9</sup> / <sub>16</sub> Max. Overall Height (mm): 2980         Max. Overall Height (in): 117 <sup>5</sup> / <sub>16</sub> Light Distribution: Omnidirectional         Weight (kg): 7         Weight (lbs): 15.43         Fixture Finish: WHI / PAL         Fixture Material: Metal         Cable Details: 2000mm Cable <b>ELECTRICAL</b> Lamp Type: LED         Input Wattage (W): 27.6         Total Output Wattage (W): 19.2         Dimming: Non-Dimming / Phase Dimming (120vac Only)         Driver Included: Yes         Driver Location: Integrated         Driver Type: Constant Voltage - Universal         Driver Class: Class 2         Input Voltage (V): 120 - 277         Output Voltage (V): 24	Length (in): 51 $\frac{3}{16}$	
Height (mm): 980         Height (in): 38 % <sub>16</sub> Max. Overall Height (mm): 2980         Max. Overall Height (in): 117 % <sub>16</sub> Light Distribution: Omnidirectional         Weight (kg): 7         Weight (lbs): 15.43         Fixture Finish: WHI / PAL         Fixture Material: Metal         Cable Details: 2000mm Cable <b>ELECTRICAL</b> Lamp Type: LED         Input Wattage (W): 27.6         Total Output Wattage (W): 19.2         Dimming: Non-Dimming / Phase Dimming (120vac Only)         Driver Included: Yes         Driver Location: Integrated         Driver Type: Constant Voltage - Universal         Driver Class: Class 2         Input Voltage (V): 120 - 277         Output Voltage (V): 24	Width (mm): 730	
Height (in): 38 $\frac{9}{16}$ Max. Overall Height (mm): 2980 Max. Overall Height (in): 117 $\frac{5}{16}$ Light Distribution: Omnidirectional Weight (kg): 7 Weight (kg): 15.43 Fixture Finish: WHI / PAL Fixture Material: Metal Cable Details: 2000mm Cable <b>ELECTRICAL</b> Lamp Type: LED Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Width (in): 28 <sup>3</sup> / <sub>4</sub>	
Height (in): 38 $\frac{9}{16}$ Max. Overall Height (mm): 2980 Max. Overall Height (in): 117 $\frac{5}{16}$ Light Distribution: Omnidirectional Weight (kg): 7 Weight (kg): 15.43 Fixture Finish: WHI / PAL Fixture Material: Metal Cable Details: 2000mm Cable <b>ELECTRICAL</b> Lamp Type: LED Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Height (mm): 980	
Max. Overall Height (in): 117 $\frac{5}{16}$ Light Distribution: Omnidirectional Weight (kg): 7 Weight (lbs): 15.43 Fixture Finish: WHI / PAL Fixture Material: Metal Cable Details: 2000mm Cable <b>ELECTRICAL</b> Lamp Type: LED Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Height (in): 38 %	
Light Distribution: Omnidirectional Weight (kg): 7 Weight (lbs): 15.43 Fixture Finish: WHI / PAL Fixture Material: Metal Cable Details: 2000mm Cable <b>ELECTRICAL</b> Lamp Type: LED Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Max. Overall Height (mm): 2980	
Weight (kg): 7 Weight (lbs): 15.43 Fixture Finish: WHI / PAL Fixture Material: Metal Cable Details: 2000mm Cable <b>ELECTRICAL</b> Lamp Type: LED Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Max. Overall Height (in): $117\frac{5}{16}$	
Weight (lbs): 15.43 Fixture Finish: WHI / PAL Fixture Material: Metal Cable Details: 2000mm Cable ELECTRICAL Lamp Type: LED Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Light Distribution: Omnidirectional	
Fixture Finish: WHI / PAL Fixture Material: Metal Cable Details: 2000mm Cable ELECTRICAL Lamp Type: LED Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Weight (kg): 7	
Fixture Material: Metal Cable Details: 2000mm Cable ELECTRICAL Lamp Type: LED Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Weight (lbs): 15.43	
Cable Details: 2000mm Cable  ELECTRICAL Lamp Type: LED Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Fixture Finish: WHI / PAL	
ELECTRICAL Lamp Type: LED Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Fixture Material: Metal	
Lamp Type: LED Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Included: Yes Driver Location: Integrated Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Cable Details: 2000mm Cable	
Input Wattage (W): 27.6 Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	ELECTRICAL	
Total Output Wattage (W): 19.2 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Lamp Type: LED	
Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Input Wattage (W): 27.6	
Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Total Output Wattage (W): 19.2	
Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Dimming: Non-Dimming / Phase Dimming (120vac Only)	
Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Driver Included: Yes	
Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 24	Driver Location: Integrated	
Input Voltage (V): 120 - 277 Output Voltage (V): 24	Driver Type: Constant Voltage - Universal	
Output Voltage (V): 24	Driver Class: Class 2	
	Input Voltage (V): 120 - 277	
Upon Request: (Not included - see components) Remote: 0-10Vdc		
	Upon Request: (Not included - see components) Remote: 0-10Vdc	

#### I FD

dimming

LED	
Number of LEDs: 6	
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 2256	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

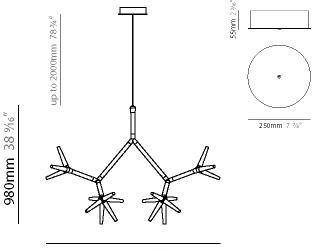
#### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

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

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





1300mm 51 3/16"

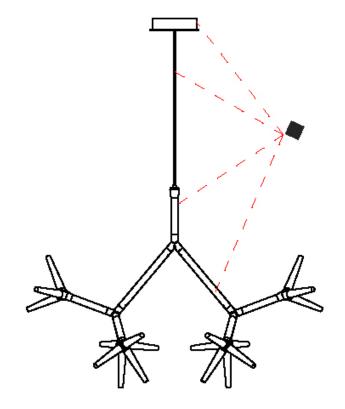
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Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

**SPARKS 6 SUSPENSION** 

D101688-

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			
			-



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# **ZANEEN**<sub>®</sub>

## **SPARKS 9 SUSPENSION**

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### D101690-

base number	LED	Finish
	Dimming	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: Sparks
Subseries: Sparks 9
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Diameter (mm): 1370
Diameter (in): 53 <sup>15</sup> / <sub>16</sub>
Height (mm): 800
Height (in): 31 $\frac{1}{2}$
Max. Overall Height (mm): 2800
Max. Overall Height (in): 110 1/4
Light Distribution: Omnidirectional
Weight (kg): 10
Weight (lbs): 22.05
Fixture Finish: WHI / PAL
Fixture Material: Metal
Cable Details: 2000mm Cable
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 41.4

Lamp Type: LED
Input Wattage (W): 41.4
Total Output Wattage (W): 28.8
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
Upon Request: (Not included - see components) Remote: 0-10Vdc dimming
LED
Number of LEDG 0

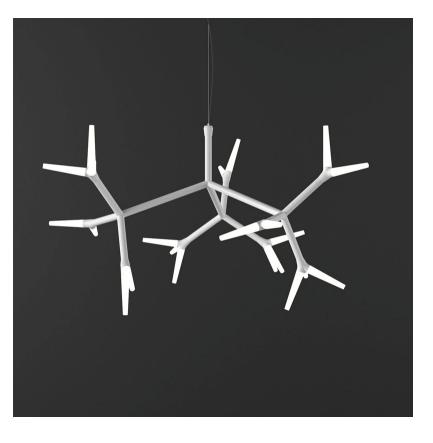
Lamp Life (hrs): 50000	
CRI: >90 CRI	
Max. Delivered Lumen (lm): 3384	
Color Temperature (°K): 2700	
Number of LEDS: 9	

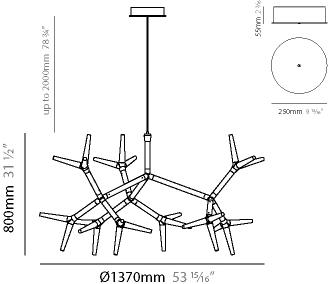
#### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

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

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	_
DATE	_





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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

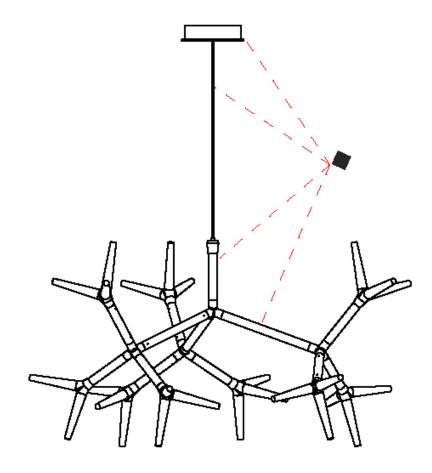
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**SPARKS 9 SUSPENSION** 

D101690-

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PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		





### SPARKS COLOR FINISH CHART

PROJECT

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

#### **Fixture Finish**



Polished Aluminum - PAL

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.

## **SPARKS**

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE

## LEGEND

↓_	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
$\uparrow$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	Ø	rechargeable battery powered
$\rightarrow$	wall-mounted	Р	color of suspension cable	1111 1100	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	<b>←</b>	length of suspension cable	CRI	color rendering index
	direct light distribution	Δ	reflector degree selection	€К	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
$\mathbf{\overline{\mathbf{x}}}$	indirect light distribution	*	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	-	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	$\odot$	integrated shine ring with diffuser	٢	walk on
4	square wall or ceiling cut-out	Ū.	free individual colors 01-29		drive on
d	the supplied jig specifies the cutout dimensions	Ū.	individual colors: 00 (free of charge), 01-25 (extra charge)	<b>OSC</b>	Dark Sky Compliance
<b>□</b> ++	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)	(ه)	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
У	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
<b>シ</b> リ	sensor	D	direct diffuser	c (UL) us	UL Certified to UL and CSA Standards
Ĩ	remote control	$\odot$	ball-proof (upon request)	<b>S</b> .	CSA Certified to UL and CSA Standards
2	available upon request	0	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)