# **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 ½	
Max. Overall Height (mm): 2520	
Max. Overall Height (in): 99 $\frac{3}{16}$	
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	

Output Voltage (V): 24 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	
• • • •	

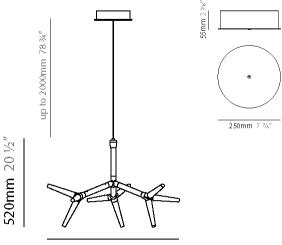
## OPTICAL

### **RATINGS AND CERTIFICATIONS**

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

PROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE





Ø780mm 30 11/16″

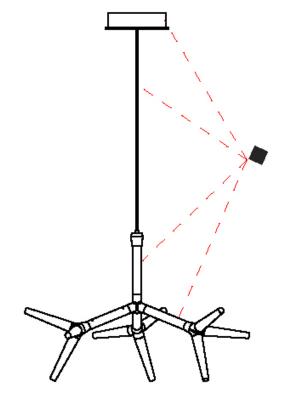
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Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

**SPARKS 3 SUSPENSION** 

D101686-

PROJECT			
TYPE			
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 6 SUSPENSION**

# 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**

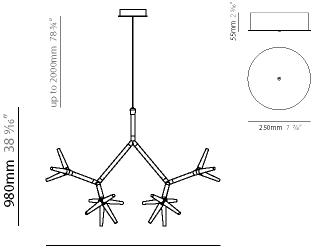
Certified By: Certified for North American Standards
IP rating: IP20

СТ			

PROJE

ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		





1300mm 51 3/16"

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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

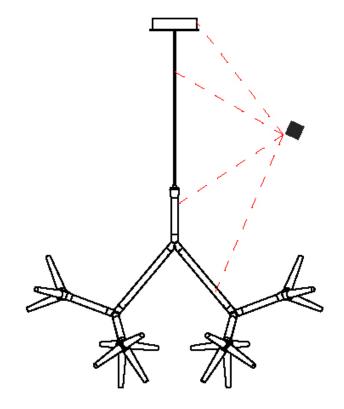
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**SPARKS 6 SUSPENSION** 

D101688-

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PROJECT		
TYPE		
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

October 20, 2024, 2:08 pm

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# **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 $\frac{1}{4}$
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
Tatal Output Matters (M): 20.0

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 LEDe. 0

Lamp Life (hrs): 50000	
CRI: >90 CRI	
Max. Delivered Lumen (lm): 338	4
Color Temperature (°K): 2700	
Number of LEDs: 9	

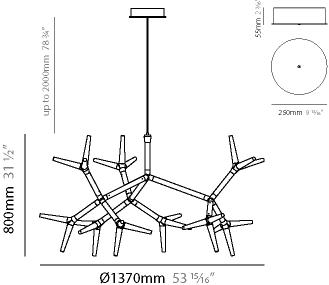
## OPTICAL

### **RATINGS AND CERTIFICATIONS**

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

PROJECT	
ТУРЕ	
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

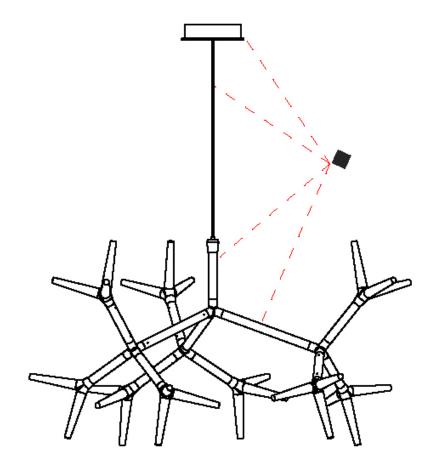
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**SPARKS 9 SUSPENSION** 

D101690-

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PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		



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# **SPARKS 6 SUSPENSION**

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# D101692-

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
PHYSICAL
Shape: Abstract
Length (mm): 1900
Length (in): 74 <sup>13</sup> / <sub>16</sub>
Width (mm): 870
Width (in): $34\frac{1}{4}$
Height (mm): 860
Height (in): 33 <sup>7</sup> / <sub>8</sub>
Max. Overall Height (mm): 2860
Max. Overall Height (in): $112\frac{5}{8}$
Light Distribution: Omnidirectional
Weight (kg): 7
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) / 0-10V Dimming
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
LED
Number of LEDs: 6
Color Temperature (°K): 2700
Max. Delivered Lumen (lm): 2256
CRI: >90 CRI

Lamp Life (hrs): 50000	
OBTICAL	

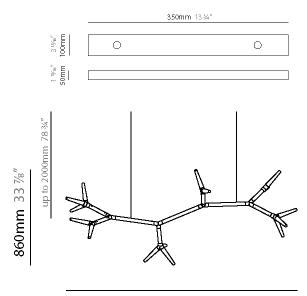
## OPTICAL

## RATINGS AND CERTIFICATIONS

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

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	





<sup>1900</sup>mm 74 <sup>13</sup>/16"

D

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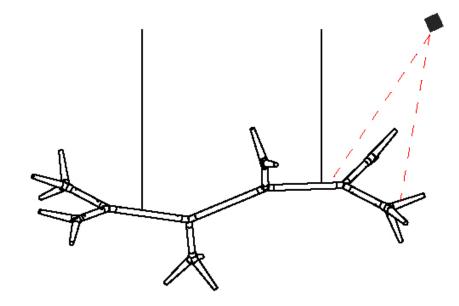
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**SPARKS 6 SUSPENSION** 

D101692-

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PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			



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# **SPARKS 10 SUSPENSION**

# D101720-

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 10	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	
PHYSICAL	
Shape: Abstract	
Length (mm): 3000	
Length (in): 118 $\frac{1}{8}$	
Width (mm): 1000	
Width (in): 39 ½	
Height (mm): 800	
Height (in): 31 ½	
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	

Lamp Type: LED	
Input Wattage (W): 46	
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming	
Driver Included: Yes	
Driver Location: Integrated	
Driver Type: Constant Voltage - Universal	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Output Voltage (V): 24	

### LED

Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 3760	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

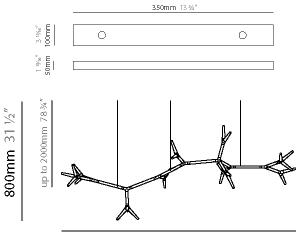
## OPTICAL

## RATINGS AND CERTIFICATIONS

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

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





3000mm 118 1/8"

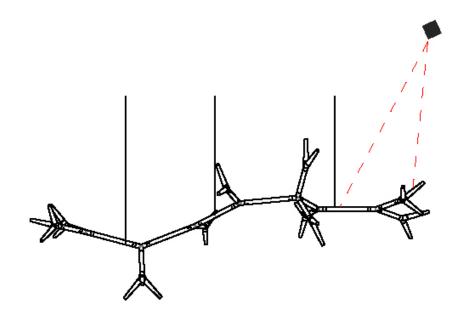
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**SPARKS 10 SUSPENSION** 

D101720-

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			



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# **SPARKS DOUBLE HEAD SURFACE**

# D103134-

Finish Options base number

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 Double Head
Brand: Quasar
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 225
Length (in): 8 $\frac{7}{8}$
Height (mm): 330
Depth (mm): 190
Height (in): 13
Depth (in): 7 $\frac{1}{2}$
Light Distribution: Omnidirectional
Weight (kg): 3
Weight (lbs): 6.6
Fixture Finish: WHI / PAL
Fixture Material: Metal
ELECTRICAL

### Lamn Type I FD

Input Wattage (W): 4.2	
Total Output Wattage (W): 3.2	
Dimming: Non-Dimmable	
Driver Included: Yes	
Driver Location: Integrated	
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 350	
Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only	
LED	

Number of LEDs: 1	
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 376	
CRI: >90 CRI	
Lamp Life (hrs): 50000	
· · · · · ·	

## OPTICAL

## **RATINGS AND CERTIFICATIONS**

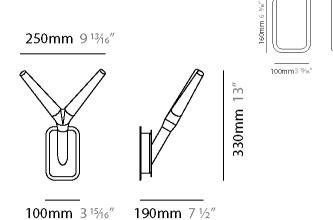
Certified By: Certified for North American Standards	
IP rating: IP20	

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OJECT	

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	





# 100mm 3 15/16"

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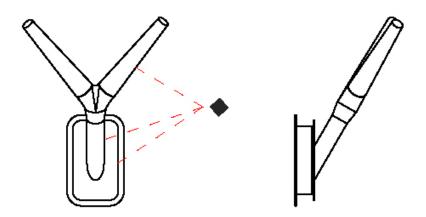
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# SPARKS DOUBLE HEAD SURFACE

D103134-

PROJECT

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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# **SPARKS TRIPLE HEAD SURFACE**

# D103136-

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: Sparks
Subseries: Sparks Triple Head
Brand: Quasar
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 270
Length (in): 10 ½
Height (mm): 340
Depth (mm): 290
Height (in): 13 $\frac{3}{8}$
Depth (in): 11 $\frac{1}{16}$
Light Distribution: Omnidirectional
Weight (kg): 3
Weight (lbs): 6.6
Fixture Finish: WHI / PAL
Fixture Material: Metal
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 4.2
Total Output Wattage (W): 3.2
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 350 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only

## LED

Number of LEDs: 1	
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 376	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

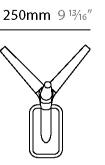
## OPTICAL

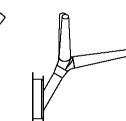
### RATINGS AND CERTIFICATIONS

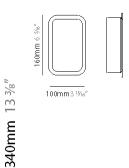
Certified By: Certified for North American Standards
IP rating: IP20

PROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE









100mm 3 <sup>15</sup>/16″

290mm 11 7/16"

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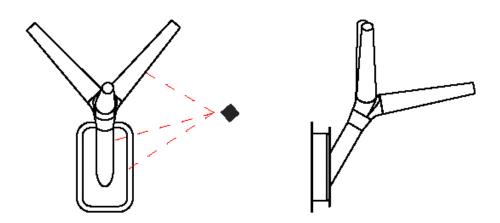
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# **SPARKS TRIPLE HEAD SURFACE**

D103136-

DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			



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# **SPARKS 7 SURFACE**

# D103142-

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 7
Brand: Quasar
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 1100
Length (in): 43 <sup>5</sup> / <sub>16</sub>
Height (mm): 1800
Depth (mm): 900
Height (in): 70 <sup>7</sup> / <sub>8</sub>
Depth (in): 35 <sup>7</sup> / <sub>16</sub>
Light Distribution: Omnidirectional
Fixture Finish: WHI / PAL
Fixture Material: Metal
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 32.2
Total Output Wattage (W): 22.4
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V
Dimming
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277

# Output Voltage (V): 24

### LED

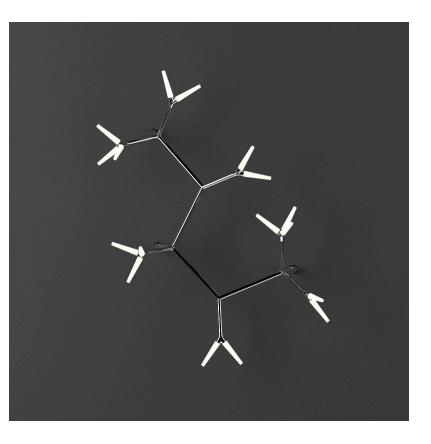
Number of LEDs: 7	
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 2632	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

### OPTICAL

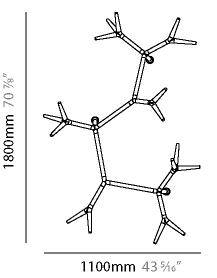
### RATINGS AND CERTIFICATIONS

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IP rating: IP20	

# PROJECT TYPE SPECIFIER QUANTITY



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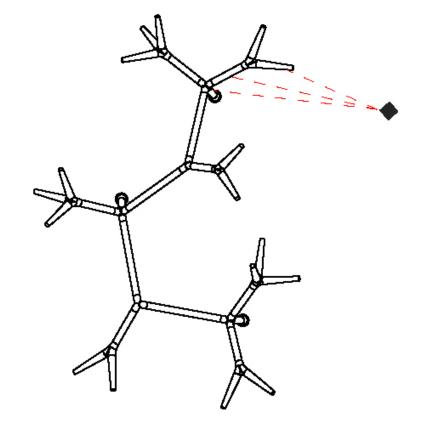


**SPARKS 7 SURFACE** 

D103142-

PROJECT

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		



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# **SPARKS 9 SURFACE**

# D103143-

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: Surface
Mounting Location: Wall
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 1200
Length (in): 47 1/4
Height (mm): 2400
Depth (mm): 900
Height (in): 94 $\frac{1}{2}$
Depth (in): 35 $\frac{1}{16}$
Light Distribution: Omnidirectional
Fixture Finish: WHI / PAL
Fixture Material: Metal
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 41.4
Total Output Wattage (W): 28.8
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V
Dimming
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277

# Output Voltage (V): 24

### LED

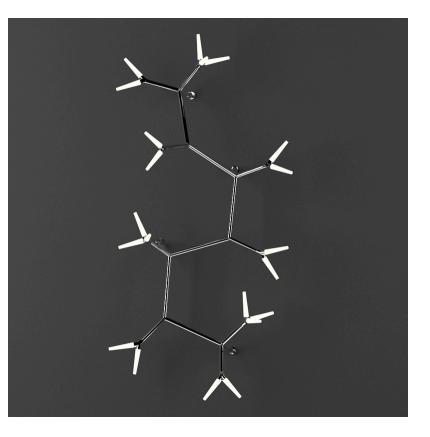
Number of LEDs: 9	
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 3384	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

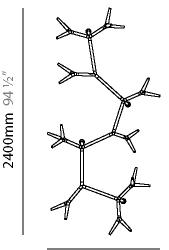
### OPTICAL

### RATINGS AND CERTIFICATIONS

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PROJECT TYPE SPECIFIER QUANTITY DATE





1200mm 47 1/4"



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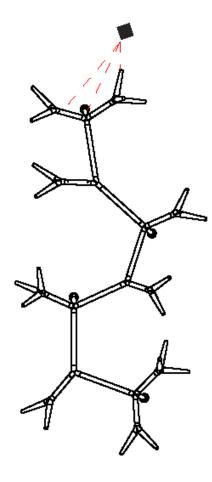


**SPARKS 9 SURFACE** 

D103143-

PROJECT

TROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



# **SPARKS 11 SURFACE**

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# D103145-

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 11
Brand: Quasar
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 1700
Length (in): 66 <sup>15</sup> / <sub>16</sub>
Height (mm): 2600
Depth (mm): 900
Height (in): 102 <sup>3</sup> / <sub>8</sub>
Depth (in): 35 <sup>7</sup> / <sub>16</sub>
Light Distribution: Omnidirectional
Fixture Finish: WHI / PAL
Fixture Material: Metal
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 50.6
Total Output Wattage (W): 35.2
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V
Dimming
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
LED
Number of LEDs: 11

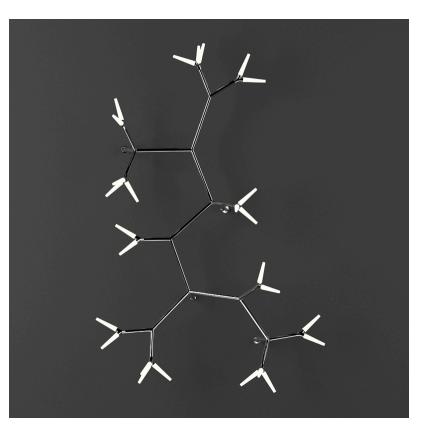
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 4136	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

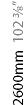
### OPTICAL

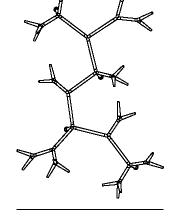
## RATINGS AND CERTIFICATIONS

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

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	







1700mm 66 15/16"



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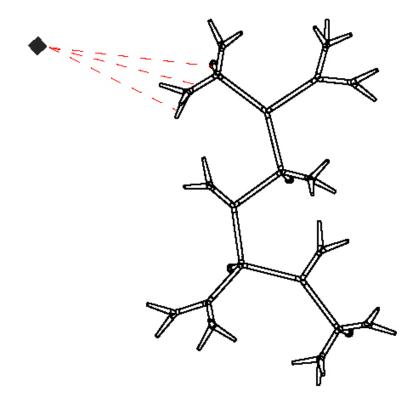


**SPARKS 11 SURFACE** 

D103145-

PROJECT

TYPE SPECIFIER	PROJECT		
SPECIFIER	TYPE		
	SPECIFIER		
QUANTITY	QUANTITY		
DATE	DATE		



# **SPARKS 15 SURFACE**

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# D103147-

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 15	
Brand: Quasar	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Ambient	
PHYSICAL	
Shape: Abstract	
Length (mm): 1900	
Length (in): $74^{13}_{16}$	
Height (mm): 3340	
Depth (mm): 900	
Height (in): 131 1/2	
Depth (in): 35 <sup>7</sup> / <sub>16</sub>	
Light Distribution: Omnidirectional	
Weight (kg): 17	
Weight (lbs): 37.48	
Fixture Finish: WHI / PAL	
Fixture Material: Metal	
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 69	
Total Output Wattage (W): 48	
Dimming Non Dimming (Dhase Dimming (120Vac only) / 0, 10V	

Dimming: I	Non-Dimming	/ Phase Dimmin	ig (120Vac only)	/0-10V	
Dimming					

Driver	ام مر ا	. ام
Driver	Inci	UCIE

Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
LED
Number of LEDs: 15

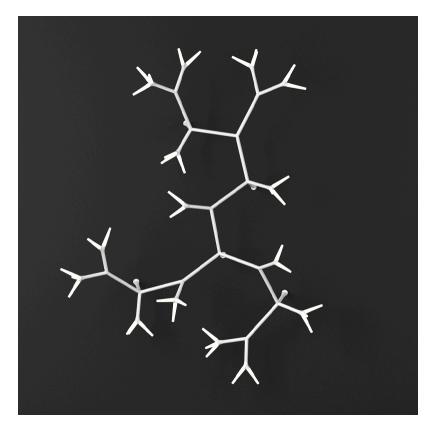
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 5640	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

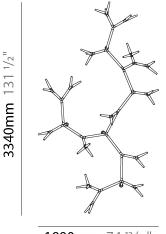
## OPTICAL

## RATINGS AND CERTIFICATIONS

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

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





1900mm 74 <sup>13</sup>/<sub>16</sub>"



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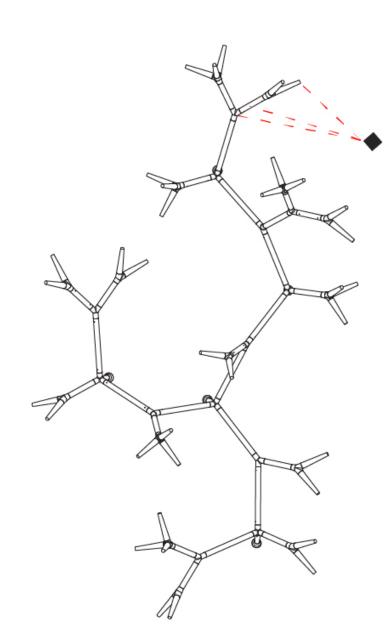


**SPARKS 15 SURFACE** 

D103147-

PROJECT

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		



# **SPARKS 17 SURFACE**

# D103148-

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 17
Brand: Quasar
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 2590
Length (in): 101 <sup>15</sup> / <sub>16</sub>
Height (mm): 3250
Depth (mm): 900
Height (in): 127 <sup>15</sup> / <sub>16</sub>
Depth (in): 35 $\frac{7}{16}$
Light Distribution: Omnidirectional
Weight (kg): 21
Weight (lbs): 46.30
Fixture Finish: WHI / PAL
Fixture Material: Metal
ELECTRICAL

## ELECTRICAL

Lamp Type: LED Input Wattage (W): 78.2

## Total Output Wattage (W): 54.4

Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V

# Dimming

Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
LED
Number of LEDs: 17

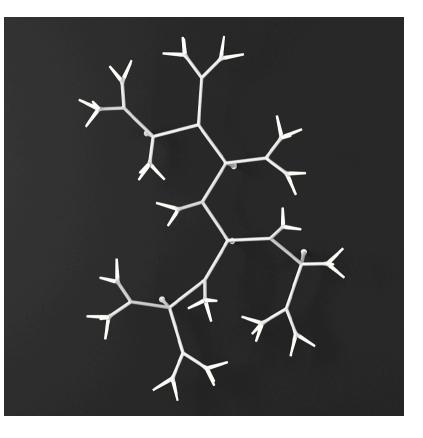
Number of LEDs: 17	
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 6392	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

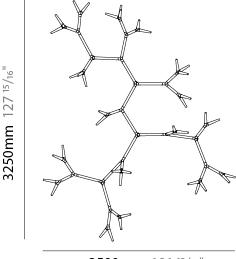
## OPTICAL

## RATINGS AND CERTIFICATIONS

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

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





2590mm 101 15/16"



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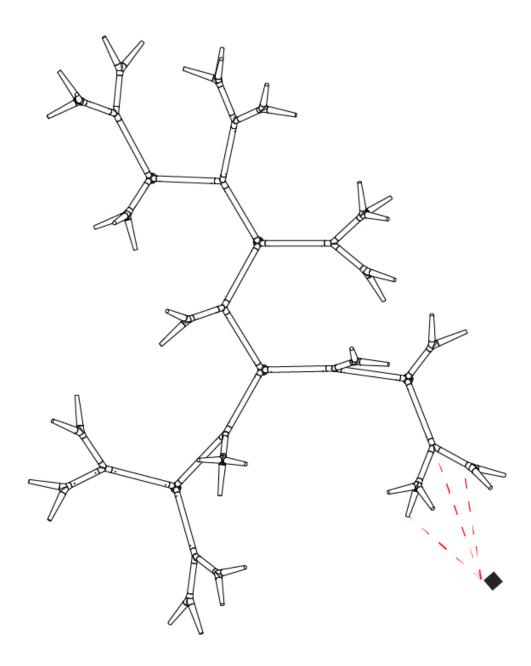
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**SPARKS 17 SURFACE** 

D103148-

PROJECT TYPE SPECIFIER QUANTITY DATE



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# **SPARKS 19 SURFACE**

# D103149-

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 19
Brand: Quasar
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 1880
Length (in): 74
Height (mm): 5300
Depth (mm): 900
Height (in): 208 <sup>11</sup> / <sub>16</sub>
Depth (in): $35 \frac{1}{16}$
Light Distribution: Omnidirectional
Weight (kg): 24
Weight (lbs): 52.91
Fixture Finish: WHI / PAL
Fixture Material: Metal
ELECTRICAL

# Lamp Type: LED

Input Wattage (W	N): 87.4

Total Output Wattage (W): 60.8	
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)	
Driver Included: Yes	
Driver Location: Integrated	
Driver Type: Constant Voltage - Universal	
Driver Class: Class 2	

Output Voltage (V): 24
------------------------

## LED

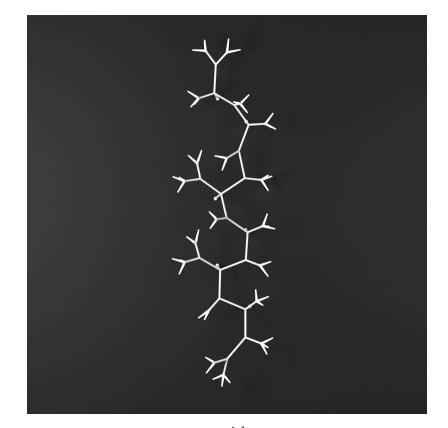
Number of LEDs: 19	
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 7144	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

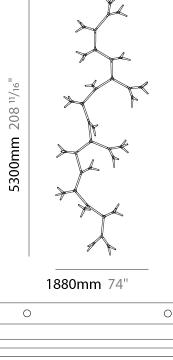
## OPTICAL

## RATINGS AND CERTIFICATIONS

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

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





350mm 13 3/4"

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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

3 <sup>15/16</sup>"

**mmC** "∂1/21 [

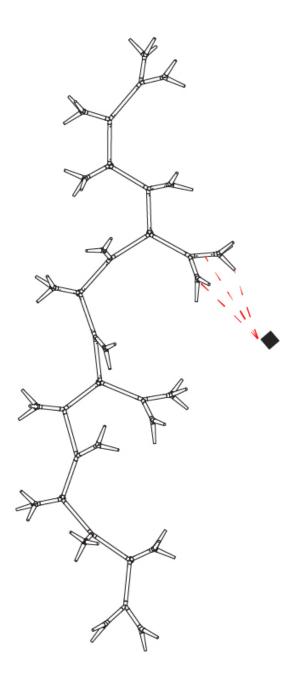


**SPARKS 19 SURFACE** 

D103149-

PROJECT

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		



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# **SPARKS MODULAR SYSTEM SURFACE**

# **D10SP-MOD-SYS**

base number

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 Modular System
Brand: Quasar
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Modular
PHYSICAL
Shape: Abstract
Light Distribution: Omnidirectional
Fixture Finish: WHI / PAL
Fixture Material: Metal
ELECTRICAL
Lamp Type: LED
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V

Dimming		 
Driver Included: No		
Driver Location: Remo	ote	

Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
LED

### с. I....т

Color Temperature (°K): 2700	
CRI: >90 CRI	

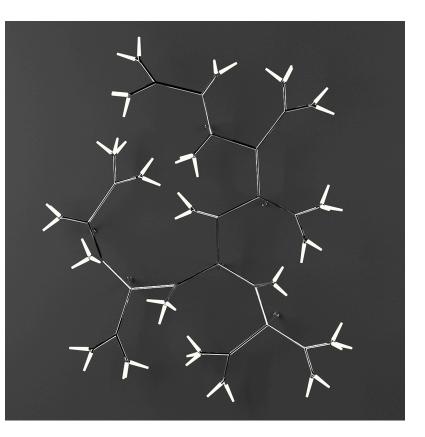
Lamp Life (hrs): 50000

### OPTICAL

### RATINGS AND CERTIFICATIONS

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

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	





# **SPARKS**

DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			

### **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.

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# **SPARKS**

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE

# LEGEND

⊥_	floor-mounted	ষ	pivotable	$\circledast$	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
フ	wall and ceiling: recessed and surface mounted	3	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	$\Box$	reflector degree selection	<b>°К</b>	color temperature
X	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
$\mathbf{\mathbf{x}}$	indirect light distribution	Ĩ	lens	(₩	efficacy (lumens per watt)
	asymmetric light distribution	8	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	Ó	free individual colors 01-29	۲	drive on
d d	the supplied jig specifies the cutout dimensions	Ĩ	individual colors: 00 (free of charge), 01-25 (extra charge)	<b>B</b> SC	Dark Sky Compliance
(++) M++	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>4</b>	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
Y	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
ו	available upon request	U	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
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
1966	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)
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)
1609	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)