

#### D101672-

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**

| Se | eries: Julia               |
|----|----------------------------|
| Sı | ubseries: Julia Chandelier |
| В  | rand: Quasar               |
| D  | ivision: Design            |
| М  | ounting Type: Suspension   |
| М  | ounting Location: Ceiling  |
| Sı | uhcategory: Amhient        |

| Mounting Location: Ceiling                         |
|--|
| Subcategory: Ambient                               |
| PHYSICAL   |
| Shape: Round                                       |
| Diameter (mm): 1300                                |
| Diameter (in): 51 <sup>3</sup> / <sub>16</sub>     |
| Height (mm): 2050                                  |
| Height (in): 80 11/16                              |
| Max. Overall Height (mm): 5050                     |
| Max. Overall Height (in): 198 $^{13}\!\!/_{_{16}}$ |
| Light Distribution: Omnidirectional                |
| Diffuser: Stainless Steel / Brass & Transparent    |
| Fixture Finish: PCH / BRA                          |
| Fixture Material: Metal                            |
| Cable Details: 3000mm Cable                        |
| ELECTRICAL   |
| Number of Lamps: 0                                 |

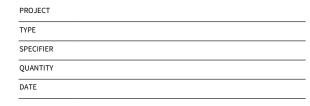
| ELECTRICAL                       |
|----------------------------------|
| Number of Lamps: 9               |
| Lamp Type: LED Retrofit          |
| Lamp Shape: B10                  |
| Bulb Included: Bulb Not Included |
| Total Output Wattage (W): 36     |
| Max. Wattage Per Lamp (W): 4     |
| Lamp Base: E12                   |
| Input Voltage (V): 120           |
| Lamp Voltage (V): 120            |
|                                  |

#### LED

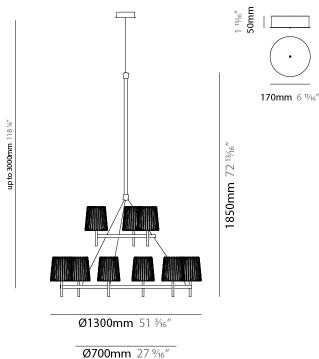
## OPTICAL

## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





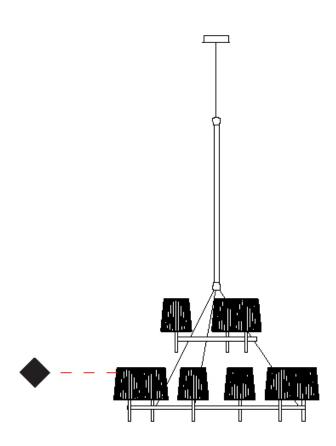






D101672-

| PROJECT   |  |
|-----------|--|
| TYPE      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |





# **ZANEEN**®

## **JULIA OVAL SUSPENSION**

#### D101674-

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: Julia              |  |
|----------------------------|--|
| Subseries: Julia Oval      |  |
| Brand: Quasar              |  |
| Division: Design           |  |
| Mounting Type: Suspension  |  |
| Mounting Location: Ceiling |  |
| Cubaataaan Ambiant         |  |

| Mounting Location: Ceiling                      |
|---|
| Subcategory: Ambient                            |
| PHYSICAL  |
| Shape: Oval                                     |
| Length (mm): 1850                               |
| Length (in): 72 13/16                           |
| Width (mm): 600                                 |
| Width (in): 23 <sup>5</sup> / <sub>8</sub>      |
| Height (mm): 350                                |
| Height (in): 13 <sup>3</sup> / <sub>4</sub>     |
| Max. Overall Height (mm): 2350                  |
| Max. Overall Height (in): 92 ½                  |
| Light Distribution: Omnidirectional             |
| Diffuser: Stainless Steel / Brass & Transparent |
| Fixture Finish: PCH / BRA                       |
| Fixture Material: Metal                         |
| Cable Details: 2000mm Cable                     |
| ELECTRICAL                                      |

| ELECTRICAL                       |
|----------------------------------|
| Number of Lamps: 8               |
| Lamp Type: LED Retrofit          |
| Lamp Shape: B10                  |
| Bulb Included: Bulb Not Included |
| Total Output Wattage (W): 32     |
| Max. Wattage Per Lamp (W): 4     |
| Lamp Base: E12                   |
| Input Voltage (V): 120           |
| Lamp Voltage (V): 120            |
|                                  |

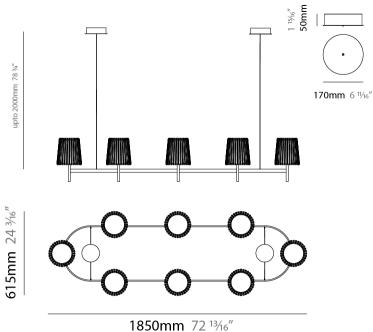
#### LED

#### OPTICAL

## **RATINGS AND CERTIFICATIONS**

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



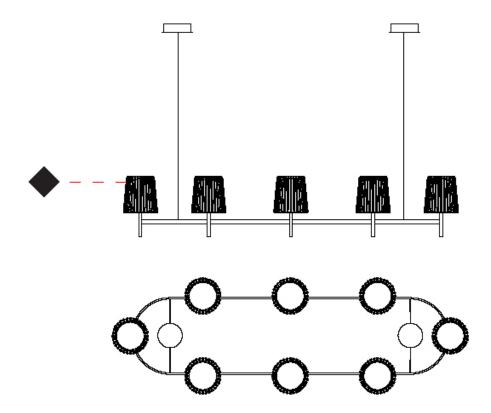






# **JULIA OVAL SUSPENSION**

D101674-







#### D101747-

base number

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: Julia              |  |
|----------------------------|--|
| Subseries: Julia Round     |  |
| Brand: Quasar              |  |
| Division: Design           |  |
| Mounting Type: Suspension  |  |
| Mounting Location: Ceiling |  |
| Culturate and Augleiant    |  |

| Subcategory: Ambient                            |
|---|
| PHYSICAL  |
| Shape: Round                                    |
| Diameter (mm): 700                              |
| Diameter (in): 27 % 16                          |
| Height (mm): 350                                |
| Height (in): 13 <sup>3</sup> / <sub>4</sub>     |
| Max. Overall Height (mm): 2350                  |
| Max. Overall Height (in): 92 ½                  |
| Light Distribution: Omnidirectional             |
| Weight (kg): 10                                 |
| Weight (lbs): 22.05                             |
| Diffuser: Stainless Steel / Brass & Transparent |
| Fixture Finish: PCH / BRA                       |

Fixture Material: Metal Cable Details: 2000mm Cable

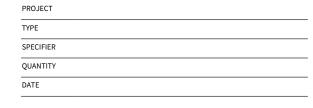
| ELECTRICAL                       |
|----------------------------------|
| Number of Lamps: 3               |
| Lamp Type: LED Retrofit          |
| Lamp Shape: B10                  |
| Bulb Included: Bulb Not Included |
| Total Output Wattage (W): 12     |
| Max. Wattage Per Lamp (W): 4     |
| Lamp Base: E12                   |
| Input Voltage (V): 120           |
| Lamp Voltage (V): 120            |

#### LED

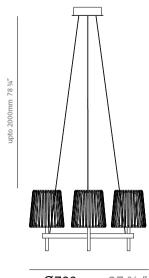
## OPTICAL

# **RATINGS AND CERTIFICATIONS**

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







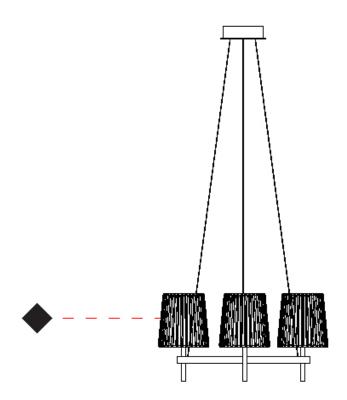






D101747-

| PROJECT   |  |
|-----------|--|
| ГҮРЕ      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |







#### D101749-

base number

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: Julia              |
|----------------------------|
| Subseries: Julia Round     |
| Brand: Quasar              |
| Division: Design           |
| Mounting Type: Suspension  |
| Mounting Location: Ceiling |
| Subcategory: Ambient       |

#### **PHYSICAL**

Diameter (mm): 1000

| Diameter (in): 39 <sup>3</sup> / <sub>8</sub>   |
|---|
| Height (mm): 350                                |
| Height (in): 13 <sup>3</sup> / <sub>4</sub>     |
| Max. Overall Height (mm): 2000                  |
| Max. Overall Height (in): 78 ¾                  |
| Light Distribution: Omnidirectional             |
| Diffuser: Stainless Steel / Brass & Transparent |
| Fixture Finish: PCH / BRA                       |
| Fixture Material: Metal                         |
| Cable Details: 2000mm Cable                     |

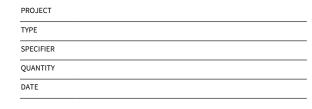
| ELECTRICAL                       |
|----------------------------------|
| Number of Lamps: 6               |
| Lamp Type: LED Retrofit          |
| Lamp Shape: B10                  |
| Bulb Included: Bulb Not Included |
| Total Output Wattage (W): 24     |
| Max. Wattage Per Lamp (W): 4     |
| Lamp Base: E12                   |
| Input Voltage (V): 120           |
| Lamp Voltage (V): 120            |

### LED

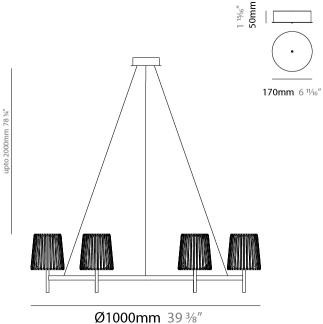
#### OPTICAL

## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





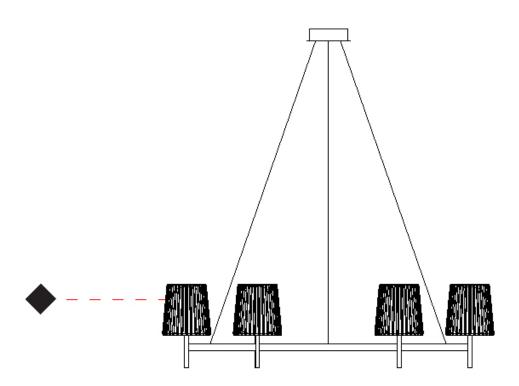






D101749-

| PROJECT   |
|-----------|
| YPE       |
| SPECIFIER |
| QUANTITY  |
| DATE      |







#### D101751-

base number

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: Julia              |  |
|----------------------------|--|
| Subseries: Julia Round     |  |
| Brand: Quasar              |  |
| Division: Design           |  |
| Mounting Type: Suspension  |  |
| Mounting Location: Ceiling |  |

| Subcategory: Ambient                            |
|---|
| PHYSICAL  |
| Shape: Round                                    |
| Diameter (mm): 1300                             |
| Diameter (in): 51 <sup>3</sup> / <sub>16</sub>  |
| Height (mm): 350                                |
| Height (in): 13 <sup>3</sup> / <sub>4</sub>     |
| Max. Overall Height (mm): 2350                  |
| Max. Overall Height (in): 92 ½                  |
| Light Distribution: Omnidirectional             |
| Weight (kg): 17                                 |
| Weight (lbs): 37.48                             |
| Diffuser: Stainless Steel / Brass & Transparent |
| Fixture Finish: PCH / BRA                       |
| Fixture Material: Metal                         |
| Cable Details: 2000mm Cable                     |
| ELECTRICAL                                      |

| ELECTRICAL                       |  |
|----------------------------------|--|
| Number of Lamps: 6               |  |
| Lamp Type: LED Retrofit          |  |
| Lamp Shape: B10                  |  |
| Bulb Included: Bulb Not Included |  |
| Total Output Wattage (W): 24     |  |
| Max. Wattage Per Lamp (W): 4     |  |
| Lamp Base: E12                   |  |
| Input Voltage (V): 120           |  |
| Lamp Voltage (V): 120            |  |
|                                  |  |

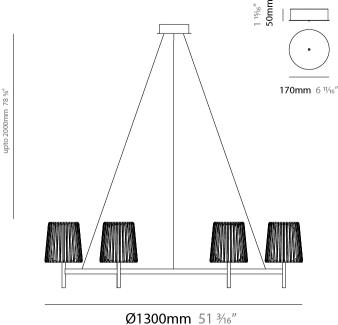
#### LED

## OPTICAL

#### RATINGS AND CERTIFICATIONS

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



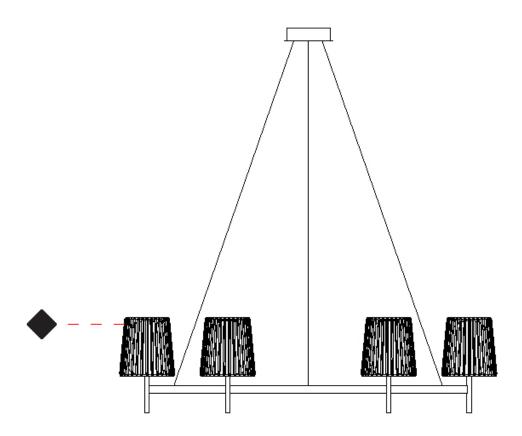






D101751-

| PROJECT   |   |
|-----------|---|
| ТҮРЕ      | _ |
| SPECIFIER | _ |
| QUANTITY  | _ |
| DATE      | _ |





# **ZANEEN**®

## **JULIA ROUND SUSPENSION**

#### D101753-

base number

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: Julia              |  |
|----------------------------|--|
| Subseries: Julia Round     |  |
| Brand: Quasar              |  |
| Division: Design           |  |
| Mounting Type: Suspension  |  |
| Mounting Location: Ceiling |  |
|                            |  |

| Mounting Location: Ceiling                      |
|---|
| Subcategory: Ambient                            |
| PHYSICAL  |
| Shape: Round                                    |
| Diameter (mm): 1600                             |
| Diameter (in): 63                               |
| Height (mm): 350                                |
| Height (in): 13 <sup>3</sup> / <sub>4</sub>     |
| Max. Overall Height (mm): 2350                  |
| Max. Overall Height (in): 92 ½                  |
| Light Distribution: Omnidirectional             |
| Diffuser: Stainless Steel / Brass & Transparent |
| Fixture Finish: PCH / BRA                       |
| Fixture Material: Metal                         |
| Cable Details: 2000mm Cable                     |
|   |

#### ELECTRICAL

| Number of Lamps: 9               |  |
|----------------------------------|--|
| Lamp Type: LED                   |  |
| Lamp Shape: B10                  |  |
| Bulb Included: Bulb Not Included |  |
| Total Output Wattage (W): 36     |  |
| Max. Wattage Per Lamp (W): 4     |  |
| Lamp Base: E12                   |  |
| Driver Included: No              |  |
| Input Voltage (V): 120           |  |
| Lamp Voltage (V): 120            |  |
|                                  |  |

#### LED

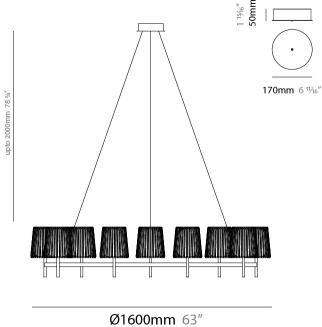
## OPTICAL

# RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

| PROJECT   |  |
|-----------|--|
| TYPE      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |



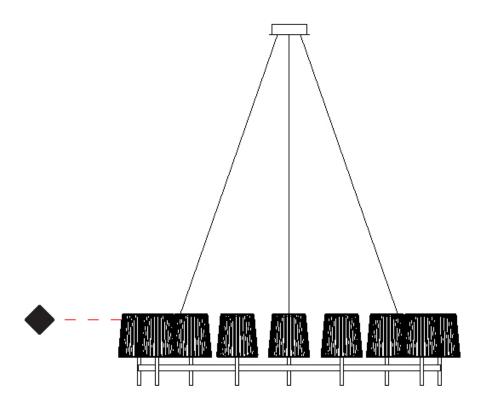






D101753-

| ROJECT   |   |
|----------|---|
| YPE      | _ |
| PECIFIER | _ |
| UANTITY  | _ |
| ATE      | _ |





# **ZANEEN**®

## **JULIA OVAL SUSPENSION**

#### D101755-

base number

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: Julia              |  |
|----------------------------|--|
| Subseries: Julia Oval      |  |
| Brand: Quasar              |  |
| Division: Design           |  |
| Mounting Type: Suspension  |  |
| Mounting Location: Ceiling |  |
| Subcatogony Ambient        |  |

| Mounting Location: Ceiling                      |
|---|
| Subcategory: Ambient                            |
| PHYSICAL  |
| Shape: Oval                                     |
| Length (mm): 1000                               |
| Length (in): 39 <sup>3</sup> / <sub>8</sub>     |
| Width (mm): 600                                 |
| Width (in): 23 <sup>5</sup> / <sub>8</sub>      |
| Height (mm): 350                                |
| Height (in): 13 <sup>3</sup> / <sub>4</sub>     |
| Max. Overall Height (mm): 2350                  |
| Max. Overall Height (in): 92 $\frac{1}{2}$      |
| Light Distribution: Omnidirectional             |
| Diffuser: Stainless Steel / Brass & Transparent |
| Fixture Finish: PCH / BRA                       |
| Fixture Material: Metal                         |
| Cable Details: 2000mm Cable                     |
|   |

#### **ELECTRICA**

| ELECTRICAL                       |
|----------------------------------|
| Number of Lamps: 4               |
| Lamp Type: LED Retrofit          |
| Lamp Shape: B10                  |
| Bulb Included: Bulb Not Included |
| Total Output Wattage (W): 16     |
| Max. Wattage Per Lamp (W): 4     |
| Lamp Base: E12                   |
| Input Voltage (V): 120           |
| Lamp Voltage (V): 120            |

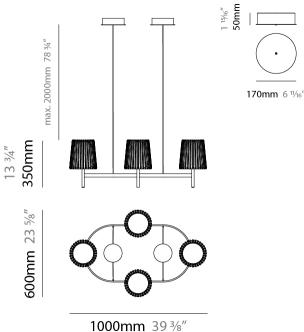
#### LED

#### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

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





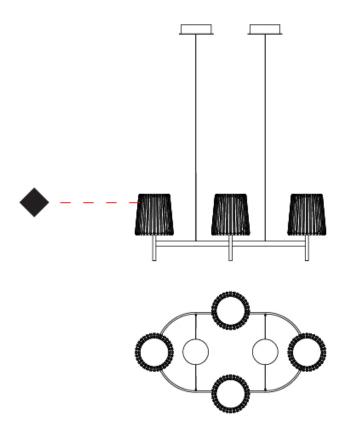




# **JULIA OVAL SUSPENSION**

D101755-

| ROJECT   |   |
|----------|---|
| YPE      | _ |
| PECIFIER | _ |
| UANTITY  | _ |
| ATE      | _ |







#### D101757-

base number

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: Julia               |  |
|-----------------------------|--|
| Subseries: Julia Chandelier |  |
| Brand: Quasar               |  |
| Division: Design            |  |
| Mounting Type: Suspension   |  |
| Mounting Location: Ceiling  |  |
|                             |  |

| Mounting Location: Ceiling                      |
|---|
| Subcategory: Ambient                            |
| PHYSICAL  |
| Shape: Oval                                     |
| Length (mm): 1300                               |
| Length (in): $51\frac{3}{16}$                   |
| Width (mm): 600                                 |
| Width (in): 23 <sup>5</sup> / <sub>8</sub>      |
| Height (mm): 350                                |
| Height (in): 13 ¾                               |
| Max. Overall Height (mm): 2000                  |
| Max. Overall Height (in): 78 $\frac{3}{4}$      |
| Light Distribution: Omnidirectional             |
| Diffuser: Stainless Steel / Brass & Transparent |
| Fixture Finish: PCH / BRA                       |
| Fixture Material: Metal                         |
| Cable Details: 2000mm Cable                     |
| ELECTRICAL                                      |

| ELECTRICAL                       |
|----------------------------------|
| Number of Lamps: 6               |
| Lamp Type: LED Retrofit          |
| Lamp Shape: B10                  |
| Bulb Included: Bulb Not Included |
| Total Output Wattage (W): 24     |
| Max. Wattage Per Lamp (W): 4     |
| Lamp Base: E12                   |
| Input Voltage (V): 120           |
| Lamp Voltage (V): 120            |
|                                  |

#### LED

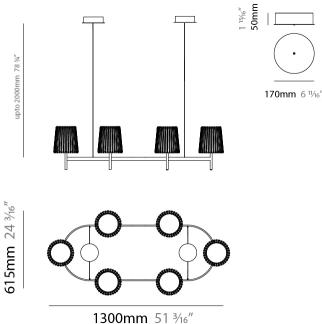
#### OPTICAL

## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

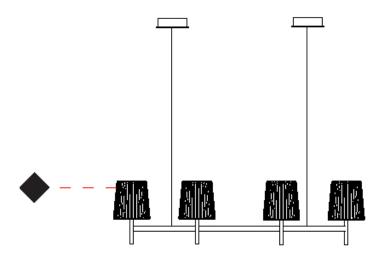


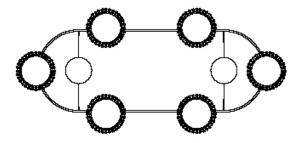






D101757-









#### D101759-

base number

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: Julia               |  |
|-----------------------------|--|
| Subseries: Julia Chandelier |  |
| Brand: Quasar               |  |
| Division: Design            |  |
| Mounting Type: Suspension   |  |
| Mounting Location: Ceiling  |  |
|                             |  |

| Mounting Location: Ceiling                      |
|---|
| Subcategory: Ambient                            |
| PHYSICAL  |
| Shape: Round                                    |
| Diameter (mm): 1600                             |
| Diameter (in): 63                               |
| Height (mm): 1850                               |
| Height (in): 72 <sup>13</sup> / <sub>16</sub>   |
| Max. Overall Height (mm): 4850                  |
| Max. Overall Height (in): 190 $^{15}\!\!/_{16}$ |
| Light Distribution: Omnidirectional             |
| Diffuser: Stainless Steel / Brass & Transparent |
| Fixture Finish: PCH / BRA                       |
| Fixture Material: Metal                         |
| Cable Details: 2000mm Cable                     |
| ELECTRICAL                                      |
|   |

| ELECTRICAL                       |  |
|----------------------------------|--|
| Number of Lamps: 15              |  |
| Lamp Type: LED Retrofit          |  |
| Lamp Shape: B10                  |  |
| Bulb Included: Bulb Not Included |  |
| Total Output Wattage (W): 60     |  |
| Max. Wattage Per Lamp (W): 4     |  |
| Lamp Base: E12                   |  |
| Input Voltage (V): 120           |  |
| Lamp Voltage (V): 120            |  |

#### LED

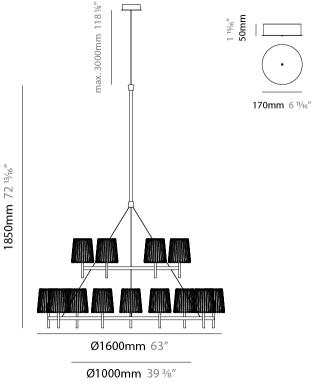
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





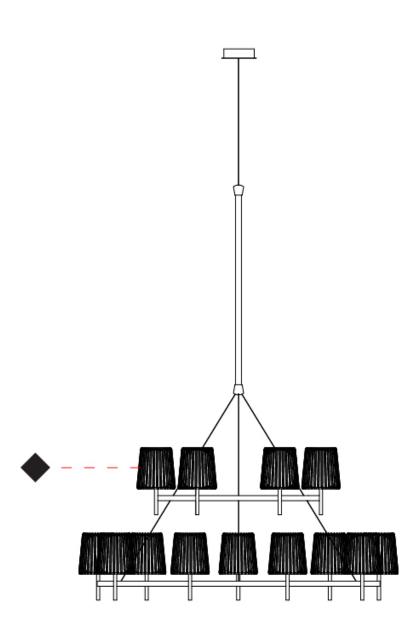






D101759-

| PROJECT   |  |
|-----------|--|
| TYPE      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |





# **ZANEEN**®

## **JULIA SURFACE**

#### D103138-

base number

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: Julia           |  |
|-------------------------|--|
| Brand: Quasar           |  |
| Division: Design        |  |
| Mounting Type: Surface  |  |
| Mounting Location: Wall |  |
| Subcategory: Ambient    |  |

#### PHYSICAL

|   | Width (mm): 250                     |  |  |
|---|-------------------------------------|--|--|
|   | Height (mm): 350                    |  |  |
|   | Light Distribution: Omnidirectional |  |  |
|   | Weight (kg): 1.5                    |  |  |
| Diffuser: Stainless Steel / Brass & Transparent |                                     |  |  |
|   | Fixture Finish: PCH / BRA           |  |  |

#### Fixture Material: Metal

#### **ELECTRICAL** Number of Lamps: 1

Lamp Type: LED Retrofit

Bulb Included: Bulb Not Included

Max. Wattage Per Lamp (W): 4

Lamp Base: E12

Input Voltage (V): 120

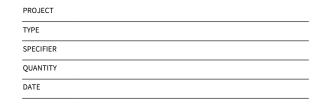
Max. Delivered Lumen (lm): 260

## OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20





## Ø190mm 7 1/2"



250mm 9 13/16"

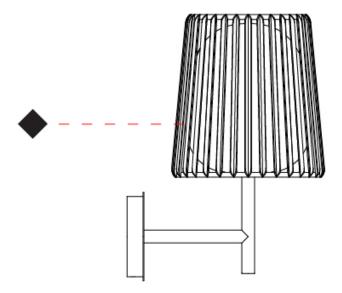




**JULIA SURFACE** 

D103138-

| ROJECT   |   |
|----------|---|
| YPE      | _ |
| PECIFIER | _ |
| UANTITY  |   |
| ATE      |   |







#### D104200-

base number

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: Julia Brand: Quasar Division: Design Mounting Type: Portable Mounting Location: Table

Subcategory: Table PHYSICAL Shape: Round Diameter (mm): 190 Diameter (in):  $7\frac{1}{2}$ Height (mm): 350 Height (in): 13 3/4 Light Distribution: Omnidirectional Weight (kg): 2 Weight (lbs): 4.41 Diffuser: Stainless Steel / Brass & Transparent Fixture Finish: PCH / BRA Fixture Material: Metal Upon Request: "Modification to be fixed to surface"

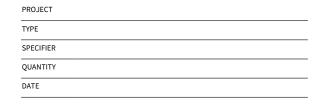
**ELECTRICAL** Number of Lamps: 1 Lamp Type: LED Retrofit Lamp Shape: B10 Bulb Included: Bulb Not Included Max. Wattage Per Lamp (W): 4 Lamp Base: E12 Input Voltage (V): 120 Upon Request: Bolt Down

#### LED

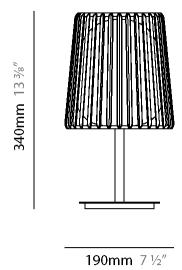
### OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





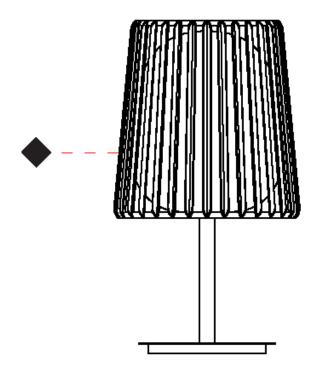






D104200-









#### D104202-

base number

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: Julia            |  |
|--------------------------|--|
| Brand: Quasar            |  |
| Division: Design         |  |
| Mounting Type: Portable  |  |
| Mounting Location: Floor |  |
| Subcategory: Table       |  |

| Mounting Location: Floor                        |
|---|
| Subcategory: Table                              |
| PHYSICAL  |
| Shape: Round                                    |
| Diameter (mm): 190                              |
| Diameter (in): 7 ½                              |
| Height (mm): 1100                               |
| Height (in): 43 ½                               |
| Light Distribution: Omnidirectional             |
| Weight (kg): 5                                  |
| Weight (lbs): 11.02                             |
| Diffuser: Stainless Steel / Brass & Transparent |
| Fixture Finish: PCH / BRA                       |
| Fixture Material: Metal                         |
| Upon Request: Bolt Down                         |
| ELECTRICAL                                      |

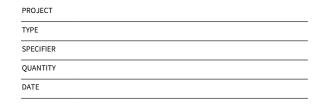
| ELECTRICAL                       |  |
|----------------------------------|--|
| Number of Lamps: 1               |  |
| Lamp Type: LED Retrofit          |  |
| Lamp Shape: B10                  |  |
| Bulb Included: Bulb Not Included |  |
| Max. Wattage Per Lamp (W): 4     |  |
| Lamp Base: E12                   |  |
| Input Voltage (V): 120           |  |

#### LED

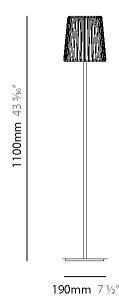
#### OPTICAL

## **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards





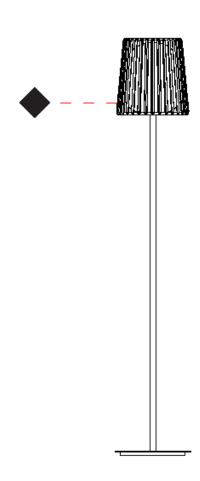






D104202-

| ROJECT   |  |
|----------|--|
| YPE      |  |
| PECIFIER |  |
| QUANTITY |  |
| ATE      |  |







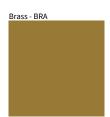
## **JULIA**

COLOR FINISH CHART

|  | PROJECT   |
|--|-----------|
|  | TYPE      |
|  | SPECIFIER |
|  | QUANTITY  |
|  | DATE      |

#### **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.





# **JULIA**

| PROJECT   |  |  |
|-----------|--|--|
| TYPE      |  |  |
| SPECIFIER |  |  |
| QUANTITY  |  |  |
| DATE      |  |  |

# **LEGEND**

| T T           | Var tr   |          | a N.S.   |                | special LED (upon request) PGP_PGPW_tunable  |
|---------------|--|----------|--|----------------|--|
| <u></u>       | floor-mounted  | Á        | pivotable  | ⊛              | special LED (upon request) RGB, RGBW, tunable,<br>gold+, meat+, art+, fashion+                 |
| 7             | wall and ceiling: recessed and surface mounted               | S        | rotating   | 0              | warm dim / natural dimming LED   |
| $\uparrow$    | ceiling-mounted and wall-mounted                             | Œ        | illuminate tilted  | 0              | rechargeable battery powered   |
| $\rightarrow$ | wall-mounted   | I        | color of suspension cable                                    | THESE          | 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                                    |          | reflector degree selection                                   | (K)            | color temperature  |
|               | direct/indirect light distribution                           | s s      | super spot   | LM             | lumen (luminous flux)  |
| Y             | indirect light distribution                                  | *        | 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   | *              | marine grade (AISI 316 stainless steel)  |
| R             | round wall or ceiling cut-out                                | 0        | integrated shine ring with diffuser                          | 3              | walk on  |
| Z)            | square wall or ceiling cut-out                               | Ġ        | free individual colors 01-29                                 | <b>②</b>       | drive on   |
| 4             | the supplied jig specifies the cutout dimensions             | C        | individual colors: 00 (free of charge), 01-25 (extra charge) | DSC            | Dark Sky Compliance  |
| <b>□</b> +,+  | minimum distance (meters) lamp - object                      | <b>♦</b> | luminaire part to be colored (F1)                            | Ġ              | Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) |
| $\hat{\perp}$ | recessed depth   | lack     | luminaire part to be colored (F2)                            |                | lamp protected against explosion   |
| 1             | ceiling thickness in mm                                      | •        | luminaire part to be colored (F3)                            |                | blown glass using traditional methods by master glass blower                                   |
| 1             | ceiling thickness selection                                  |          | luminaire part to be colored (F4)                            | <b>(</b> )     | acoustic material  |
|               | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)    | •        | luminaire part to be colored (F5)                            |                | protection class I, protection insulation  |
| <u>جه</u>     | included or excluded LED driver/transformer/<br>control gear | •        | color of 3-circuit adaptor                                   |                | protection class II, protection insulation   |
| 8             | separately switchable  | $\odot$  | indirect diffuser  | . <b>(II</b> ) | ETL Certified to UL and CSA Standards  |
| <b>9</b>      | sensor   | O        | direct diffuser  | ։ (Մ) «s       | UL Certified to UL and CSA Standards   |
|               | remote control   | $\oplus$ | ball-proof (upon request)                                    | <b>(1)</b>     | CSA Certified to UL and CSA Standards  |
| 9             | available upon request                                       | 0        | accessory  | <b>(Z</b> )    | 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<br>protected against sprays of water up to 60 degrees from the vertical (rain)   |
| IP40 | protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture                               |
| IP43 | protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions                        |
| IP54 | protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions              |
| IP65 | protected against ingress of dust protected against jets of water   |
| IP66 | protected against ingress of dust<br>protected against powerful jets of water or heavy seas   |
| IP67 | protected against ingress of dust<br>protected against immersion of water between 15cm - 1m for 30 minutes                                    |
| IP68 | protected against ingress of dust<br>protected against immersion of water under pressure for long periods                                     |

## **IK RATING**

above the surface)

| 100000 | 288 (400 C) - 26 5 (100 C) - 26 5 ( |
|--------|---|
| IK02   | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)   |
| ІКОЗ   | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)   |
| IK04   | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)  |
| IK05   | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)  |
| IK06   | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)  |
| IK07   | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface) $$  |
| IK08   | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)   |
| IK09   | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)  |

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm