

D101678-

base number

LED Color Finish
Dimming Temperature 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: Sirio	
Subseries: Sirio Disc	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Diameter (mm): 700
Diameter (in): 27 % 16
Height (mm): 300
Height (in): 11 ¹³ / ₁₆
Max. Overall Height (mm): 2300
Max. Overall Height (in): 90 % 16
Light Distribution: Omnidirectional
Weight (kg): 3.5
Weight (lbs): 7.7
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 2000mm Cable
Upon Request: Custom Sizes

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 30
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - 120/277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
Upon Request: (Not included - see components) Integral: 0-10Vdc dimming

LED

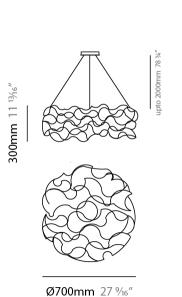
Number of LEDs: 50	
Color Temperature (°K): 2400 / 2800	
Max. Delivered Lumen (lm): 2100 (2800K)	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

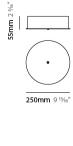
OPTICAL

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

PROJECT	
TYPE	
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DATE	







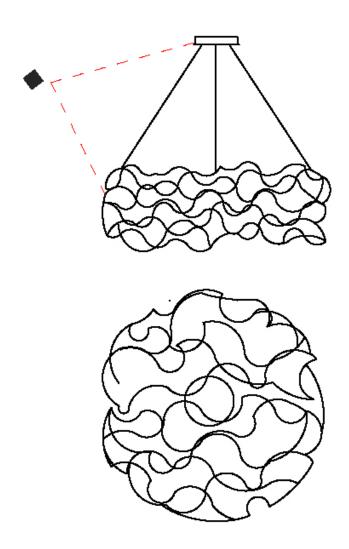


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SIRIO DISC SUSPENSION

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D101679-

base number

Temperature 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: Sirio Subseries: Sirio Disc Brand: Quasar Division: Design Mounting Type: Suspension Mounting Location: Ceiling

Subcategory: Ambient PHYSICAL Shape: Abstract Diameter (mm): 1300 Diameter (in): 51 1/16 Height (mm): 400 Height (in): 15 3/4 Max. Overall Height (mm): 2400 Max. Overall Height (in): 94 $\frac{1}{2}$ Light Distribution: Omnidirectional Weight (kg): 6.5 Weight (lbs): 14.3

Fixture Finish: NIC / BRA / BBR

Fixture Material: Metal Cable Details: 2000mm Cable Upon Request: Custom Sizes

ELECTRICAL

Lamp Type: LED Input Wattage (W): 78 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - 120/277Vac Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Upon Request: (Not included - see components) Integral: 0-10Vdc

dimming

LED

Number of LEDs: 130

Color Temperature (°K): 2400 / 2800

Max. Delivered Lumen (lm): 3900 (2800K) CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

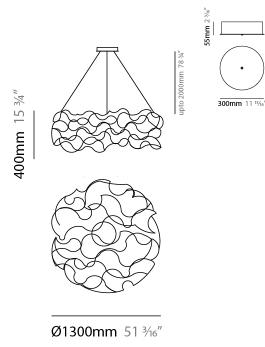
RATINGS AND CERTIFICATIONS

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IP rating: IP20







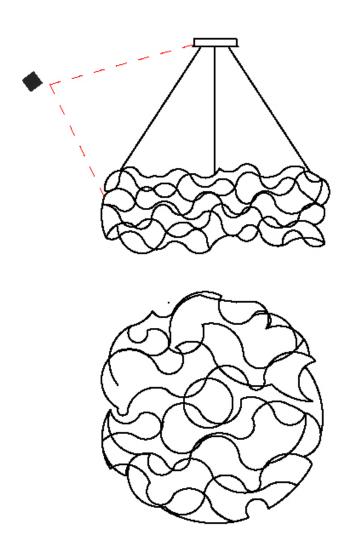


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SIRIO DISC SUSPENSION

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D101680-			-
base number	LED	Color	Finish
	Dimming	Temperature	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: Sirio	
Subseries: Sirio Disc	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Diameter (mm): 2000
Diameter (in): 78 ³ / ₄
Height (mm): 400
Height (in): 15 ³ / ₄
Max. Overall Height (mm): 2400
Max. Overall Height (in): 94 ½
Light Distribution: Omnidirectional
Weight (kg): 6
Weight (lbs): 13.2
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 2000mm Cable
Upon Request: Custom Sizes
FLECTRICAL

Upon Request: Custom Sizes
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 120
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - 120/277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
LED
Number of LEDs: 200

Color Temperature (°K): 2400 / 2800

Max. Delivered Lumen (lm): 6000 (2800K)

CRI: >90 CRI

Lamp Life (hrs): 50000

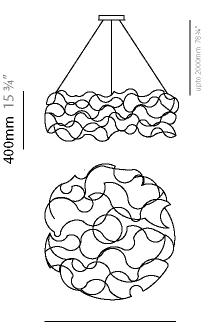
OPTICAL

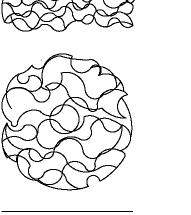
RATINGS AND CERTIFICATIONS

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

PROJECT	
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Ø2000mm 78 ¾"

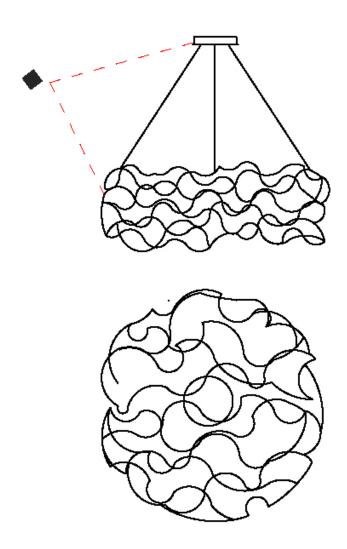


300mm 11 15/16



D101680-

PROJECT	
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D101681base number Temperature Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 1250
Length (in): 49 ³ / ₁₆
Width (mm): 400
Width (in): 15 ³ / ₄
Height (mm): 400
Height (in): 15 ³ / ₄
Max. Overall Height (mm): 2400
Max. Overall Height (in): 94 ½
Light Distribution: Omnidirectional
Weight (kg): 4
Weight (lbs): 8.8
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 2000mm Cable
Upon Request: Custom Sizes

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 30
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - 120/277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
Upon Request: (Not included - see components) Integral: 0-10Vdc dimming

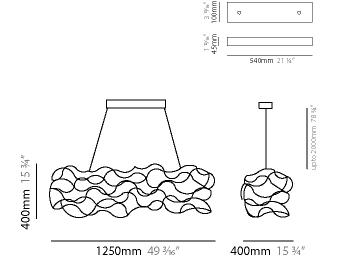
dimming	
LED	
Number of LEDs: 50	
Color Temperature (°K): 2400 / 2800	
Max. Delivered Lumen (lm): 1500 (2800K)	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

OPTICAL

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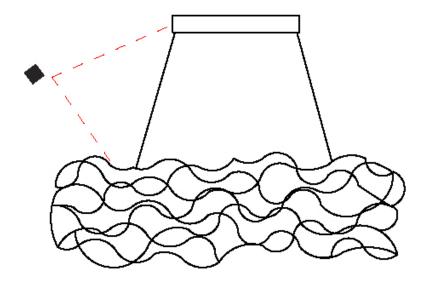


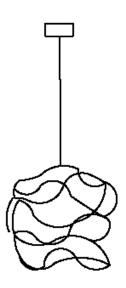




D101681-

TYPE SPECIFIER QUANTITY DATE	PROJECT			
QUANTITY	TYPE			
	SPECIFIER			
DATE	QUANTITY			
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D101682base number Temperature 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

Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 1800
Length (in): $70\frac{7}{8}$
Width (mm): 400
Width (in): 15 ³ / ₄
Height (mm): 400
Height (in): 15 ¾
Max. Overall Height (mm): 2400
Max. Overall Height (in): $94\frac{1}{2}$
Light Distribution: Omnidirectional
Weight (kg): 4.5
Weight (lbs): 9.9
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 2000mm Cable
Upon Request: Custom Sizes

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 42
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - 120/277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
Upon Request: (Not included - see components) Integral: 0-10Vdc dimming
I FR

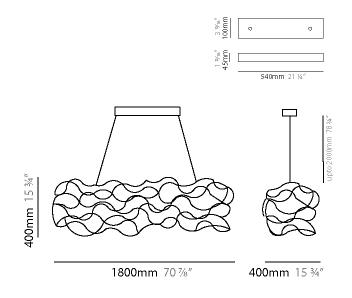
LED	
Number of LEDs: 70	
Color Temperature (°K): 2400 / 2800	
Max. Delivered Lumen (lm): 2100 (2800K)	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

OPTICAL

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PROJECT	
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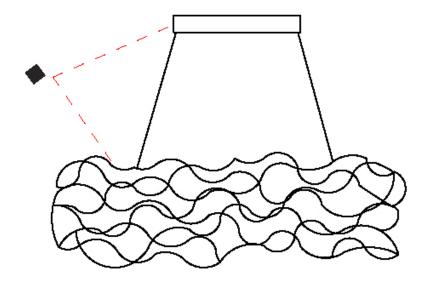


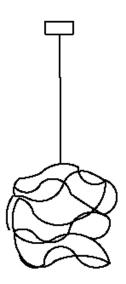




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D101683base number Temperature Options

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: Sirio	
Subseries: Sirio Abstract	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	

Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 2000
Length (in): 78 ³ / ₄
Width (mm): 400
Width (in): 15 ³ / ₄
Height (mm): 400
Height (in): 15 ¾
Max. Overall Height (mm): 2400
Max. Overall Height (in): 94 ½
Light Distribution: Omnidirectional
Weight (kg): 4.5
Weight (lbs): 9.9
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 2000mm Cable
Upon Request: Custom Sizes

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 48
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - 120/277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
Upon Request: (Not included - see components) Integral: 0-10Vdc dimming
LED

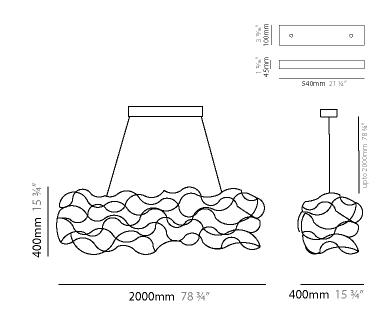
LED	
Number of LEDs: 80	
Color Temperature (°K): 2400 / 2800	
Max. Delivered Lumen (lm): 2400 (2800K)	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

OPTICAL

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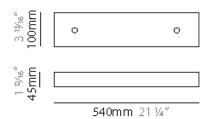


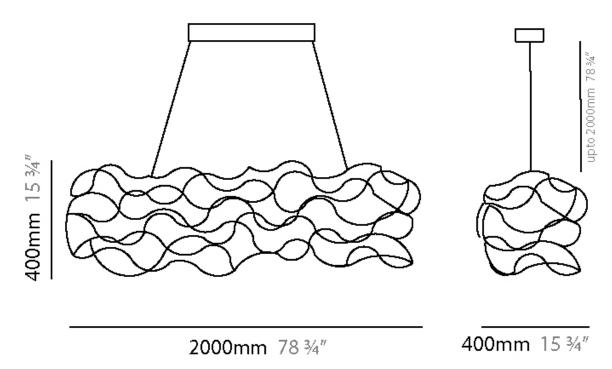




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PROJECT			
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D101832-

base number

Color Finish
Temperature 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: Sirio
Subseries: Sirio Disc
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling

Subcategory: Ambient

PHYSICAL

Shape: Abstract

Diameter (im): 1300

Diameter (in): 51 $\frac{3}{1_{16}}$ Height (mm): 400

Height (in): 15 $\frac{3}{4}$ Max. Overall Height (im): 2400

Max. Overall Height (in): 94 $\frac{1}{2}$ Light Distribution: Omnidirectional

Weight (kg): 6.5

Weight (lbs): 14.3

Fixture Finish: NIC / BRA / BBR

ELECTRICAL

Fixture Material: Metal

Cable Details: 2000mm Cable

Upon Request: Custom Sizes

Lamp Type: LED
Input Wattage (W): 81
Max. Wattage Per Lamp (W): 3
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - 120/277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
Upon Request: (Not included - see components) Integral: 0-10Vdc

LED

dimming

Number of LEDs: 130 + 1

Color Temperature (°K): 2400 / 2800 Max. Delivered Lumen (lm): 3900 (2800K)

CRI: >90 CRI

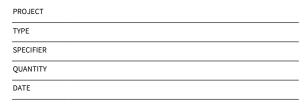
Lamp Life (hrs): 50000

OPTICAL

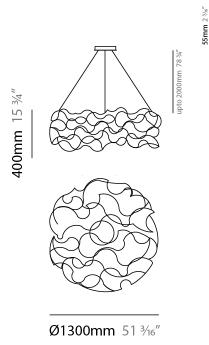
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20







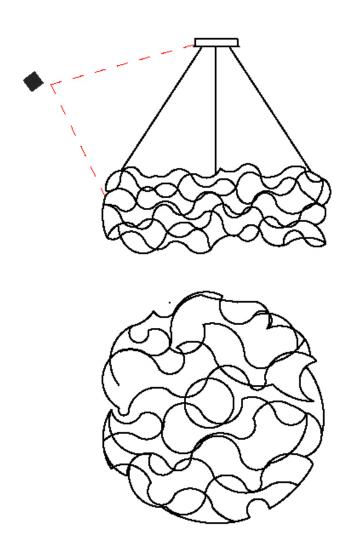


300mm 11 15/16



D101832-

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SIRIO DISC SUSPENSION

D101833-

base number

Color Finish
Temperature 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: Sirio
Subseries: Sirio Disc
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient

PHYSICAL

Shape: Abstract
Diameter (mm): 2000
Diameter (in): 78 ³/₄

Height (mm): 400 Height (in): 15 ³/₄

Max. Overall Height (mm): 2400 Max. Overall Height (in): 94 $\frac{1}{2}$

Light Distribution: Omnidirectional

Weight (kg): 6 Weight (lbs): 13.2

Fixture Finish: NIC / BRA / BBR

Fixture Material: Metal

Cable Details: 2000mm Cable

Upon Request: Custom Sizes

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 123
Max. Wattage Per Lamp (W): 3
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - 120/277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12

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

LED

dimming

Number of LEDs: 200 + 1

Color Temperature (°K): 2400 / 2800

Max. Delivered Lumen (lm): 6000 (2800K)

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

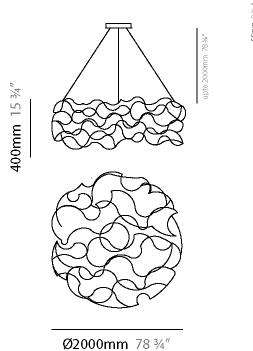
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20







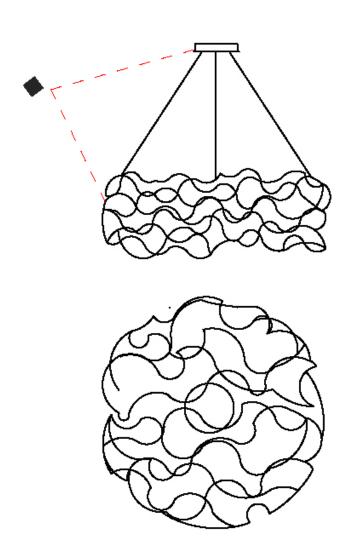


300mm 11 15/16



D101833-

PROJECT	
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SPECIFIER	
QUANTITY	_
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D101834				
base number	LED	Color	Finish	
	Dimming	Temperature	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: Sirio	
Subseries: Sirio Abstract	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	
PHYSICAL	

Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 1250
Length (in): 49 ³ / ₁₆
Width (mm): 400
Width (in): 15 ³ / ₄
Height (mm): 400
Height (in): 15 ³ / ₄
Max. Overall Height (mm): 2400
Max. Overall Height (in): 94 ½
Light Distribution: Omnidirectional
Weight (kg): 4
Weight (lbs): 8.8
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 2000mm Cable
Upon Request: Custom Sizes
ELECTRICAL

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 33
Max. Wattage Per Lamp (W): 3
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - 120/277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
Upon Request: (Not included - see components) Integral: 0-10Vdc dimming

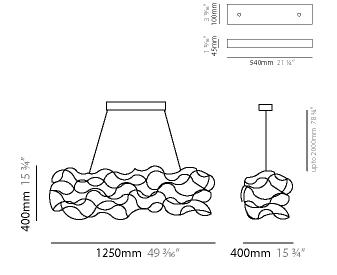
LED	
Number of LEDs: 50 + 1	
Color Temperature (°K): 2400 / 2800	
Max. Delivered Lumen (lm): 1500 (2800K)	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

OPTICAL

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

PROJECT	
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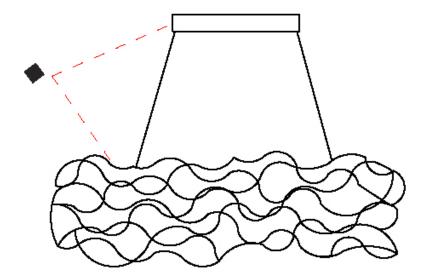


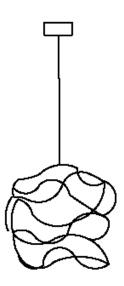




D101834-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	









D101835					
base number	LED	Color	Finish		
	Dimming	Temperature	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: Sirio
Subseries: Sirio Abstract
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 1800
Length (in): 70 1/8

Width (mm): 400
Width (in): 15 ³/₄
Height (mm): 400
Height (in): 15 ³/₄

Max. Overall Height (mm): 2400 Max. Overall Height (in): 94 $\frac{1}{2}$

Weight (kg): 4.5
Weight (lbs): 9.9
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal

Fixture Material: Metal
Cable Details: 2000mm Cable
Upon Request: Custom Sizes

Light Distribution: Omnidirectional

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 45
Max. Wattage Per Lamp (W): 3
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - 120/277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
Upon Request: (Not included - see components) Integral: 0-10Vdc

LED

dimming

Number of LEDs: 70 + 1 Color Temperature (°K): 2400 / 2800

Max. Delivered Lumen (lm): 2100 (2800K)
CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

PROJECT

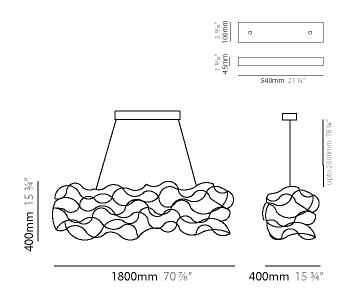
TYPE

SPECIFIER

QUANTITY

DATE



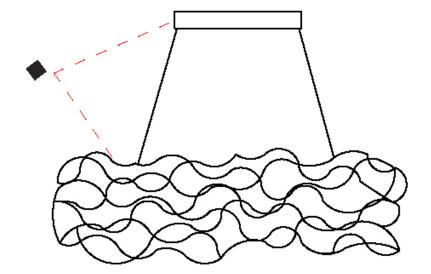


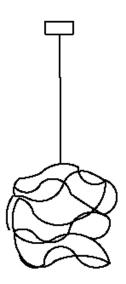




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PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		









D101836	-		_	
base number	LED	Color	Finish	

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: Sirio	
Subseries: Sirio Abstract	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	
PHYSICAL	
Shape: Abstract	
Length (mm): 2000	
Length (in): 78 ³ / ₄	
Width (mm): 400	
Width (in): 15 ¾	
Height (mm): 400	

Max. Overall Height (mm): 2400 Max. Overall Height (in): 94 1/2

Light Distribution: Omnidirectional

Weight (kg): 4.5 Weight (lbs): 9.9

Height (in): 15 3/4

Fixture Finish: NIC / BRA / BBR

Fixture Material: Metal Cable Details: 2000mm Cable

Upon Request: Custom Sizes

ELECTRICAL

Lamp Type: LED Input Wattage (W): 51 Max. Wattage Per Lamp (W): 3 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - 120/277Vac Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Upon Request: (Not included - see components) Integral: 0-10Vdc

dimming LED

Number of LEDs: 80 + 1

Color Temperature (°K): 2400 / 2800

Max. Delivered Lumen (lm): 2400 (2800K)

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

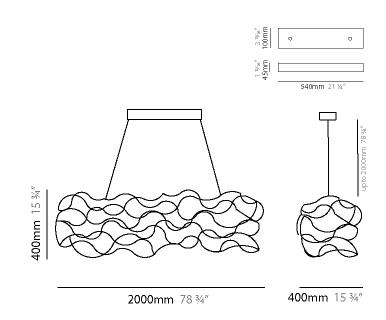
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20





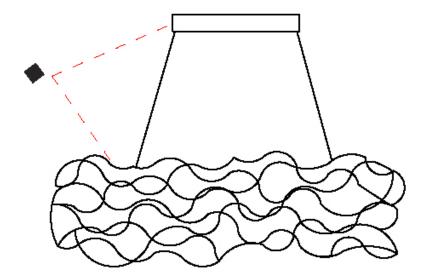


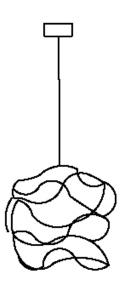




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TYPE SPECIFIER QUANTITY DATE	PROJECT			
QUANTITY	TYPE			
	SPECIFIER			
DATE	QUANTITY			
	DATE			









SIRIO

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.





SIRIO

LEGEND

=	loor-mounted				
-	1001-Indulted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
/ w	vall and ceiling: recessed and surface mounted	S	rotating	0	warm dim / natural dimming LED
↑ ce	eiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow \parallel w$	vall-mounted	T	color of suspension cable	71400	fixture with natural vivid LED (upon request)
Y or	omni-directional light distribution		length of suspension cable	CRI	color rendering index
∆ di	direct light distribution		reflector degree selection	(K)	color temperature
di	direct/indirect light distribution	s s	super spot	(X)	lumen (luminous flux)
in	ndirect light distribution	*	lens	(₹	efficacy (lumens per watt)
as	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
au	aura light distribution	0	shine ring	€	marine grade (AISI 316 stainless steel)
ℴ rc	ound wall or ceiling cut-out	\odot	integrated shine ring with diffuser	3	walk on
SC SC	quare wall or ceiling cut-out		free individual colors 01-29	②	drive on
ද්දි th	he supplied jig specifies the cutout dimensions	0	individual colors: 00 (free of charge), 01-25 (extra charge)	OSC	Dark Sky Compliance
d•≱ m	ninimum distance (meters) lamp - object	♦	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
<u></u> re	ecessed depth	lack	luminaire part to be colored (F2)		lamp protected against explosion
<u></u> Се	eiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
1 ce	eiling thickness selection		luminaire part to be colored (F4)		acoustic material
== (s	dimmable DP (phase), DV (0-10V), DD (dali), DS step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
in cc	ncluded or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
8 Se	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
ಿ ″/ se	sensor	0	direct diffuser	։ (Մ) us	UL Certified to UL and CSA Standards
[re	emote control	0	ball-proof (upon request)	(B)	CSA Certified to UL and CSA Standards
J av	available upon request	9	accessory	\mathbf{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
IP65	protected against ingress of dust protected against jets of water
IP66	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

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 above the surface)