UNIVERSE ABSTRACT SUSPENSION

D101353-

Color Finish base number LED Temperature Options Dimming

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: Universe Abstract	
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): 500	
Width (in): 19 ¹¹ / ₁₆	
Height (mm): 400	
Height (in): $15\frac{3}{4}$	
Max. Overall Height (mm): 2400	
Max. Overall Height (in): 94 $\frac{1}{2}$	
Light Distribution: Omnidirectional	
Weight (kg): 4	
Weight (lbs): 8.8	
Fixture Finish: NIC / BRA / BBR	
Fixture Material: Metal	
Upon Request: Custom Sizes	
ELECTRICAL	
Number of Lamps: 50	
Lamp Type: LED Retrofit	
Input Wattage (W): 16.5	
Bulb Included: Bulb Included	
Max. Wattage Per Lamp (W): 0.33	
Lamp Base: E10	
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	
Lamp Voltage (V): 12	
Upon Request: (Not included - see components) Integral: 0-10Vdc dimming	
LED	
Number of LEDs: 50	

Num	ber of LEDs: 50	

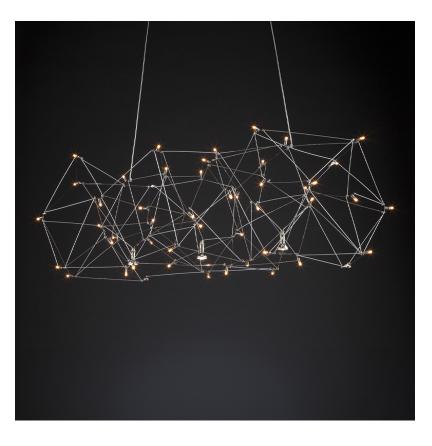
Color Temperature (°K): 2600 / 3000 / 3500	
Max. Delivered Lumen (lm): 1150 (2600K)	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

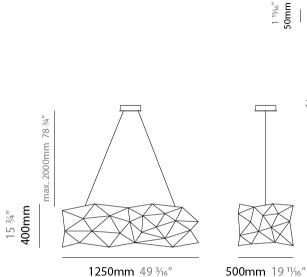
OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		







200mm 7 3/8"

Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

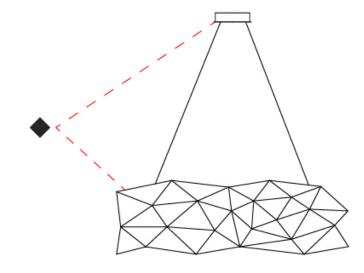
In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

Page 1/18

UNIVERSE ABSTRACT SUSPENSION

D101353-

Р	ECT	
Т		
S	FIER	
Q	ТІТҮ	
D		
D		





UNIVERSE ABSTRACT SUSPENSION

D101355-

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: Universe Abstract	
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): 500	
Width (in): 19 ¹¹ / ₁₆	
Height (mm): 400	
Height (in): $15\frac{3}{4}$	
Max. Overall Height (mm): 2400	
Max. Overall Height (in): 94 ½	
Light Distribution: Omnidirectional	
Fixture Finish: NIC / BRA / BBR	
Fixture Material: Metal	
Upon Request: Custom Sizes	
ELECTRICAL	
Number of Lamps: 50 + 1	
Lamp Type: LED Retrofit	
Input Wattage (W): 23.5	
Bulb Included: Bulb Included	
Max. Wattage Per Lamp (W): 0.33 + 7	
Lamp Base: E10 + GU10	
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	
Lamp Voltage (V): 12	
Upon Request: (Not included - see components) Integral: 0-10Vdc dimming	
LED	

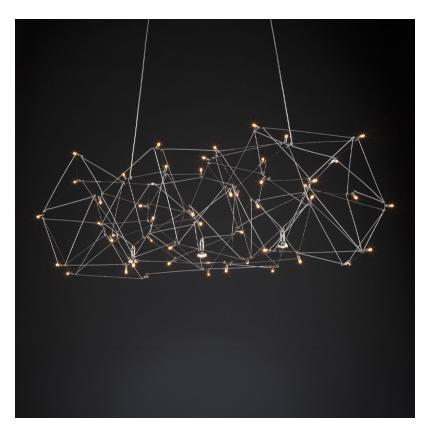
Color Temperature (°K): 2600 / 3000 / 3500	
CRI: >90 CRI	
Lamp Life (hrs): 50000	
ODTICAL	

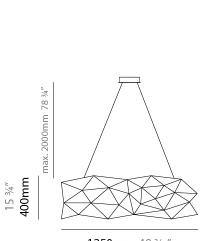
OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT			
ТҮРЕ	 	 	
SPECIFIER		 	
QUANTITY			
DATE		 	







200mm 7 %"

1250mm 49 ³⁄16″

500mm 19 11/16"

D

Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

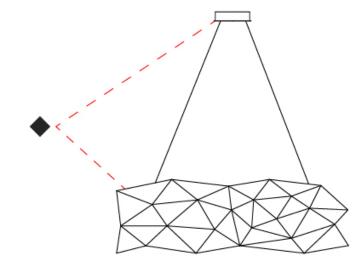
In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

Page 3/18

UNIVERSE ABSTRACT SUSPENSION

D101355-

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

UNIVERSE ABSTRACT SUSPENSION

D101357-

Color Finish base number LED Temperature Options Dimming

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: Universe Abstract	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	
PHYSICAL	
Shape: Abstract	
Length (mm): 1800	
Length (in): 70 ⁷ / ₈	
Width (mm): 500	
Width (in): 19 ¹¹ / ₁₆	
Height (mm): 400	
Height (in): $15\frac{3}{4}$	
Max. Overall Height (mm): 2400	
Max. Overall Height (in): 92 ½	
Light Distribution: Omnidirectional	
Weight (kg): 4.5	
Weight (lbs): 9.9	
Fixture Finish: NIC / BRA / BBR	
Fixture Material: Metal	
Upon Request: Custom Sizes	
ELECTRICAL	
Number of Lamps: 60	
Lamp Type: LED Retrofit	
Input Wattage (W): 21.78	
Bulb Included: Bulb Included	
Max. Wattage Per Lamp (W): 0.33	
Lamp Base: E10	
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	
Lamp Voltage (V): 12	
Upon Request: (Not included - see components) Integral: 0-10Vdc dimming	
LED	

LED

	Color Temperature	(°K): 2600 /	3000 / 3500
--	-------------------	--------------	-------------

Max. Delivered Lumen (lm): 1380 (2600K)				
(CRI: >90 CRI			
ī	Lamp Life (hrs): 50000			

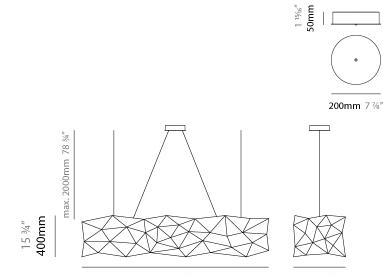
OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





1800mm 70 7/8"



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

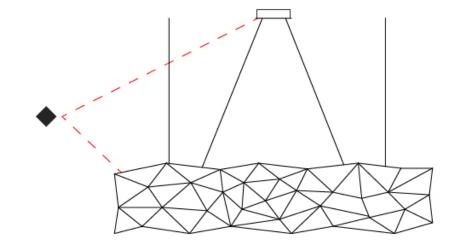
In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

October 21, 2024, 5:00 am

UNIVERSE ABSTRACT SUSPENSION

D101357-

PROJECT			
TYPE			
SPECIFIER	-		
QUANTITY			
DATE			



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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 Page 6/18



UNIVERSE ABSTRACT SUSPENSION

D101359-

Color Finish base number LED Temperature Options Dimming

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: Universe Abstract
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 1800
Length (in): 70 $\frac{7}{8}$
Width (mm): 500
Width (in): 19 ¹¹ / ₁₆
Height (mm): 400
Height (in): $15\frac{3}{4}$
Max. Overall Height (mm): 2400
Max. Overall Height (in): 92 ¹ / ₂
Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Upon Request: Custom Sizes
ELECTRICAL
Number of Lamps: 60 + 1
Lamp Type: LED Retrofit
Input Wattage (W): 26.8
Bulb Included: Bulb Included
Max. Wattage Per Lamp (W): 0.33 + 7
Lamp Base: E10 + GU10
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
Lamp Voltage (V): 12
Upon Request: (Not included - see components) Integral: 0-10Vdc dimming
LED
Color Temperature (°K): 2600 / 3000 / 3500

Color Temperature (°K): 2600 / 3000 / 3500	
CRI: >90 CRI	
Lamp Life (hrs): 50000	
	_

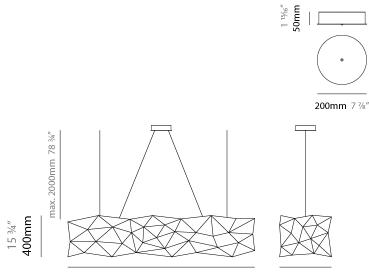
OPTICAL

RATINGS AND CERTIFICATIONS

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

DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			





1800mm 70 7/8"



500mm 19 11/16"

Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

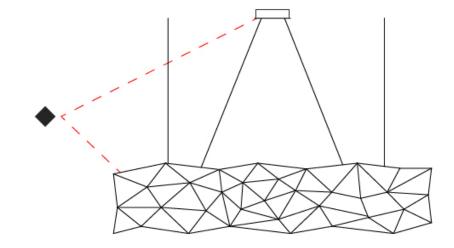
Page 7/18

UNIVERSE ABSTRACT SUSPENSION

D101359-

PROJECT

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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 Page 8/18



UNIVERSE ABSTRACT SUSPENSION

D101361-

Finish Color base number LED Temperature Options Dimming

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

CENEIGIE
Series: Universe Abstract
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 2000
Length (in): 78 $\frac{3}{4}$
Width (mm): 500
Width (in): 19 ¹¹ / ₁₆
Height (mm): 400
Height (in): $15\frac{3}{4}$
Max. Overall Height (mm): 2000
Max. Overall Height (in): $78\frac{3}{4}$
Light Distribution: Omnidirectional
Weight (kg): 4.5
Weight (lbs): 9.9
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Upon Request: Custom Sizes
ELECTRICAL
Number of Lamps: 70
Lamp Type: LED Retrofit
Input Wattage (W): 23.1
Bulb Included: Bulb Included
Max. Wattage Per Lamp (W): 0.33
Lamp Base: E10
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
Lamp Voltage (V): 12
Upon Request: (Not included - see components) Integral: 0-10Vdc dimming

LED

Color	Tempe	rature	(°K):	2600	/ 3000) / 3500

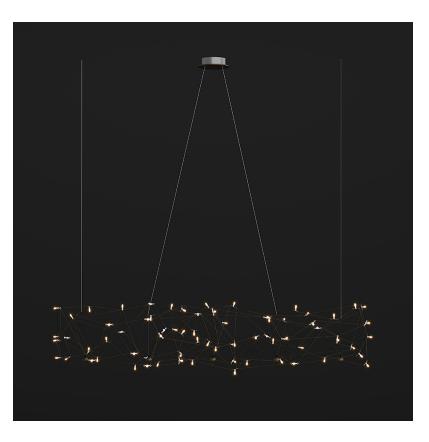
Max. Delivered Lumen (lm): 1610 (2600K)
CRI: >90 CRI
Lamp Life (hrs): 50000

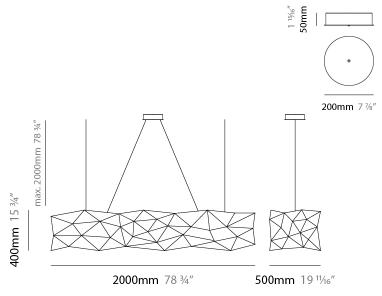
OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		





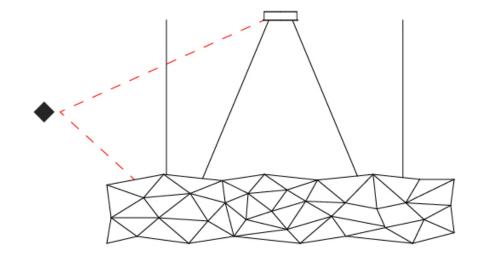
Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

UNIVERSE ABSTRACT SUSPENSION

D101361-

PROJECT			
TYPE			
SPECIFIER	-		
QUANTITY			
DATE			



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

UNIVERSE ABSTRACT SUSPENSION

D101363-

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: Universe Abstract
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 2000
Length (in): $78\frac{3}{4}$
Width (mm): 500
Width (in): 19 ¹¹ / ₁₅
Height (mm): 400
Height (in): 15 ³ / ₄
Max. Overall Height (mm): 2000
Max. Overall Height (in): 78 $\frac{3}{4}$
Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Upon Request: Custom Sizes
ELECTRICAL
Number of Lamps: 70 + 1
Lamp Type: LED Retrofit
Input Wattage (W): 30.1
Bulb Included: Bulb Included
Max. Wattage Per Lamp (W): 0.33 + 7
Lamp Base: E10 + GU10
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
Lamp Voltage (V): 12
Upon Request: (Not included - see components) Integral: 0-10Vdc dimming
LED

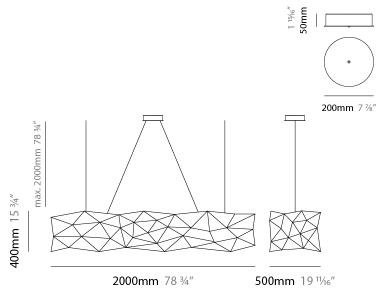
Color Temperature (°K): 2600 / 3000 / 3500	
CRI: >90 CRI	
Lamp Life (hrs): 50000	
OPTICAL	

RATINGS AND CERTIFICATIONS

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

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

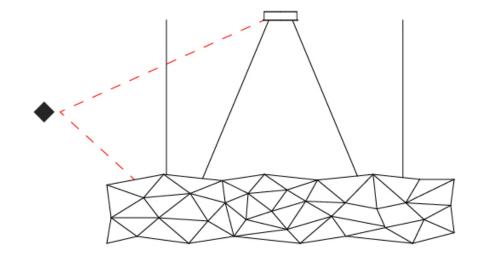
Page 11/18

UNIVERSE ABSTRACT SUSPENSION

D101363-

PROJECT

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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 Page 12/18

UNIVERSE ABSTRACT SUSPENSION

D101365-

Color Finish base number LED Temperature Options Dimming

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

CENEIGAE
Series: Universe Abstract
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 800
Length (in): $31\frac{1}{2}$
Width (mm): 350
Width (in): 13 ³ / ₄
Height (mm): 350
Height (in): 13 ¾
Max. Overall Height (mm): 2000
Max. Overall Height (in): 78 $\frac{3}{4}$
Light Distribution: Omnidirectional
Weight (kg): 4
Weight (lbs): 8.8
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Upon Request: Custom Sizes
ELECTRICAL
Number of Lamps: 35
Lamp Type: LED Retrofit
Input Wattage (W): 11.55
Bulb Included: Bulb Included
Max. Wattage Per Lamp (W): 0.3
Lamp Base: E10
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
Lamp Voltage (V): 12

LED

|--|

Max. Delivered Lumen (lm): 805 (2600K)
CRI: >90 CRI
Lamp Life (hrs): 50000

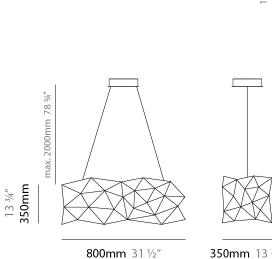
OPTICAL

RATINGS AND CERTIFICATIONS

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

DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			









350mm 13 3/4"

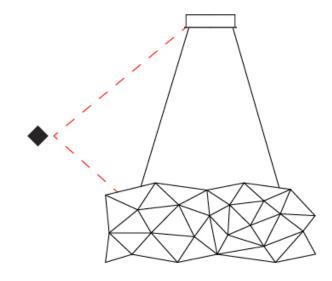
Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

UNIVERSE ABSTRACT SUSPENSION

D101365-

PROJECT





UNIVERSE ABSTRACT SUSPENSION

D101367-

Finish Color base number LED Temperature Options Dimming

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

CENERGIE .
Series: Universe Abstract
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 800
Length (in): 31 ¹ / ₂
Width (mm): 350
Width (in): 13 ³ / ₄
Height (mm): 350
Height (in): 13 ³ / ₄
Max. Overall Height (mm): 2000
Max. Overall Height (in): 78 $\frac{3}{4}$
Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Upon Request: Custom Sizes
ELECTRICAL
Number of Lamps: 35 + 1
Lamp Type: LED Retrofit
Input Wattage (W): 18.55
Bulb Included: Bulb Included
Max. Wattage Per Lamp (W): 0.33 + 7
Lamp Base: E10 + GU10
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
Lamp Voltage (V): 12
Upon Request: (Not included - see components) Integral: 0-10Vdc dimming
LED

LED

Color Temperature (°K): 2600 / 3000 / 3500
CRI: >90 CRI
Lamp Life (hrs): 50000

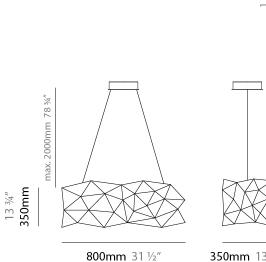
OPTICAL

RATINGS AND CERTIFICATIONS

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

DATE			
QUANTITY			
SPECIFIER			
ТҮРЕ			
PROJECT			







350mm 13 3/4"

Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

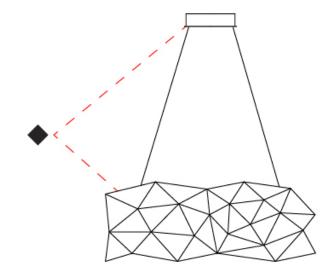
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

UNIVERSE ABSTRACT SUSPENSION

D101367-

PROJECT

PROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE



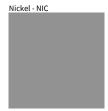
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com. In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com Page 16/18



UNIVERSE ABSTRACT

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.

Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

UNIVERSE ABSTRACT

PROJECT

TYPE	

SPECIFIER

QUANTITY

DATE

					and side ED (up an answer the DCD DCDW) to make
	floor-mounted	¥	pivotable	\circledast	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
フ	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
Î	ceiling-mounted and wall-mounted	K	illuminate tilted	€	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	°К	color temperature
X	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	Ĩ	lens	(₩	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
À	aura light distribution	0	shine ring	3	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	\odot	integrated shine ring with diffuser	٢	walk on
5	square wall or ceiling cut-out	Ċ	free individual colors 01-29		drive on
d d	the supplied jig specifies the cutout dimensions	Ĩ	individual colors: 00 (free of charge), 01-25 (extra charge)	B SC	Dark Sky Compliance
(+,+	minimum distance (meters) lamp - object	۲	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
£	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
	ceiling thickness selection		luminaire part to be colored (F4)	ۥ	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class l, protection insulation
<u>с</u>	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	\odot	ball-proof (upon request)	œ.	CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	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

КО1	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
КОЗ	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
КО5	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
КОб	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
КОВ	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)