

## **CITADEL COMPOSITION MODULAR SYSTEM**

### **SUSPENSION**

D101553-	•		-
base number	LED Dimming	Color Temperature	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: Citadel	
Subseries: Citadel Composition Modular System	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	

### PHYSICAL

Subcategory: Modular

THISICAL
Shape: Round
Diameter (mm): 1000
Diameter (in): 39 <sup>3</sup> / <sub>8</sub>
Max. Overall Height (mm): 1550
Max. Overall Height (in): 61
Light Distribution: Omnidirectional
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm Cable

### **ELECTRICAL**

Number of Lamps: 156
Lamp Type: LED Retrofit
Input Wattage (W): 51.48
Bulb Included: Bulb Included
Max. Wattage Per Lamp (W): 0.33
Lamp Base: E10
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12

Lamp Voltage (V): 12

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

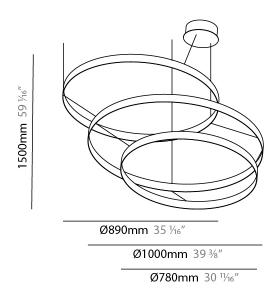
Max. Delivered Lumen (lm): 3588 (2600K) CRI: >90 CRI

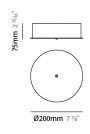
Lamp Life (hrs): 50000 **OPTICAL** 

## **RATINGS AND CERTIFICATIONS**

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			









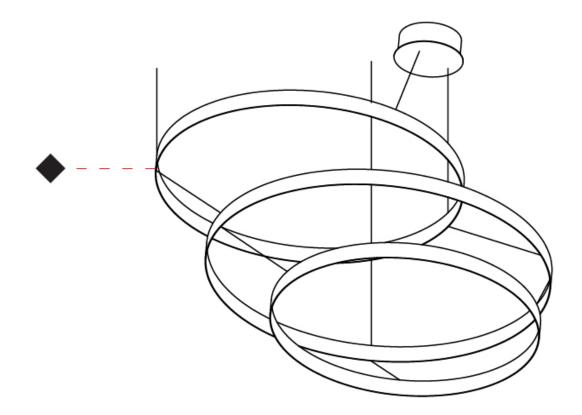


# **CITADEL COMPOSITION MODULAR SYSTEM**

**SUSPENSION** 

D101553-

PROJECT	
TYPE	
SPECIFIER	_
QUANTITY	_
DATE	







## D101822-

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: Citadel	
Subseries: Citadel 1 Ring	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 780
Diameter (in): 30 <sup>11</sup> / <sub>16</sub>
Height (mm): 50
Height (in): 1 15/16
Max. Overall Height (mm): 1550
Max. Overall Height (in): 61
Light Distribution: Omnidirectional
Weight (kg): 3
Weight (lbs): 6.61
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm Cable
FLECTRICAL

Number of Lamps: 44
Number of Lamps. 44
Lamp Type: LED Retrofit
Input Wattage (W): 14.52
Bulb Included: Bulb Included
Max. Wattage Per Lamp (W): 0.33
Lamp Base: E10
Dimming: Phase Dimming (120Vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
Lamp Voltage (V): 12
Upon Request: Integral: 0-10Vdc dimming

LED
Color Temperature (°K): 2600 / 3000 / 3500
Max. Delivered Lumen (lm): 1012 (2600K)
CRI: >90 CRI
Lamp Life (hrs): 50000

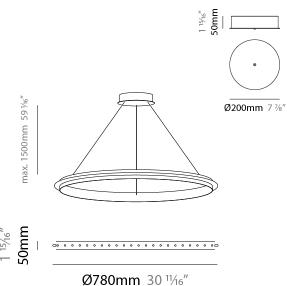
### OPTICAL

### RATINGS AND CERTIFICATIONS

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

PROJECT			
TYPE			
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DATE			



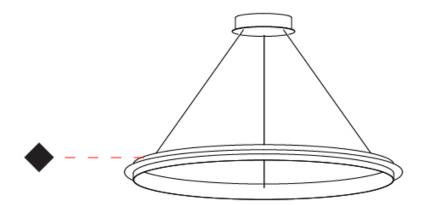






D101822-

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### D101823-

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: Citadel	
Subseries: Citadel 1 Ring	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	

Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 890
Diameter (in): 35 ½
Height (mm): 50
Height (in): 1 15/16
Max. Overall Height (mm): 1550
Max. Overall Height (in): 61
Light Distribution: Uplight
Weight (kg): 3
Weight (lbs): 6.61
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm Cable
ELECTRICAL

ELECTRICAL Number of Lamps: 52 Lamp Type: LED Retrofit Input Wattage (W): 17.16 Bulb Included: Bulb Included Max. Wattage Per Lamp (W): 0.33 Lamp Base: E10 Dimming: Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Lamp Voltage (V): 12 Upon Request: Integral: 0-10Vdc dimming

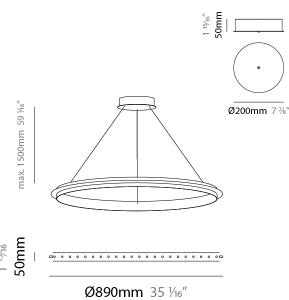
LED Color Temperature (°K): 2600 / 3000 / 3500 Max. Delivered Lumen (lm): 1196 (2600K) CRI: >90 CRI Lamp Life (hrs): 50000

### OPTICAL

### **RATINGS AND CERTIFICATIONS**

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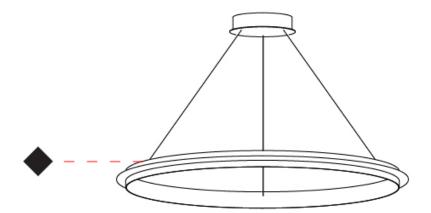






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D101824-
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1.To build a product code in our configurator select the specify button on the base model # product page

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: Citadel	
Subseries: Citadel 1 Ring	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 1000
Diameter (in): 39 3/8
Height (mm): 50
Height (in): 1 15/16
Max. Overall Height (mm): 1550
Max. Overall Height (in): 61
Light Distribution: Omnidirectional
Weight (kg): 4
Weight (lbs): 8.82
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm Cable
ELECTRICAL

Number of Lamps: 60 Lamp Type: LED Retrofit Input Wattage (W): 19.8 Bulb Included: Bulb Included Max. Wattage Per Lamp (W): 0.33 Lamp Base: E10 Dimming: Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Lamp Voltage (V): 12 Upon Request: Integral: 0-10Vdc dimming

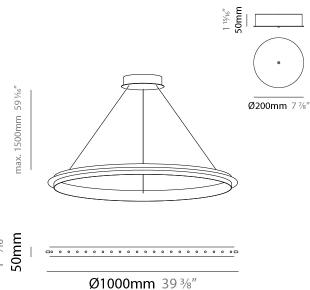
LED	
Color Temperature (°K): 2600 / 3000 / 3500	
Max. Delivered Lumen (lm): 1380 (2600K)	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

### OPTICAL

### **RATINGS AND CERTIFICATIONS**

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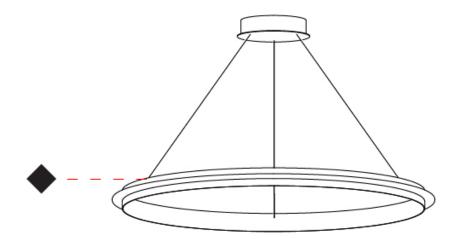






D101824-

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DATE





# **ZANEEN**®

# **CITADEL 1 RING SUSPENSION**

# D101825-

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: Citadel	
Subseries: Citadel 1 Ring	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 1200
Diameter (in): 47 ½
Height (mm): 50
Height (in): 1 15/16
Max. Overall Height (mm): 1550
Max. Overall Height (in): 61
Light Distribution: Omnidirectional
Weight (kg): 5
Weight (lbs): 11.02
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm Cable

ELECTRICAL
Number of Lamps: 75
Lamp Type: LED Retrofit
Input Wattage (W): 24.75
Bulb Included: Bulb Included
Max. Wattage Per Lamp (W): 0.33
Lamp Base: E10
Dimming: Phase Dimming (120Vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
Lamp Voltage (V): 12
Upon Request: Integral: 0-10Vdc dimming

LED	
Color Temperature (°K): 2600 / 3000 / 3500	
Max. Delivered Lumen (lm): 1725 (2600K)	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

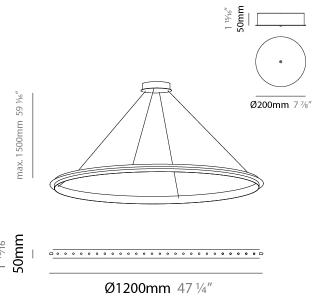
### OPTICAL

### RATINGS AND CERTIFICATIONS

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

PROJECT		
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DATE		



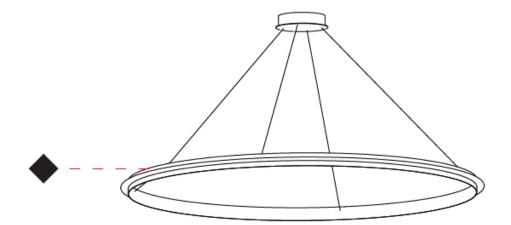






D101825-

PROJECT	
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### D101826base 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: Citadel	
Subseries: Citadel 1 Ring	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 1400
Diameter (in): 55 ½
Height (mm): 50
Height (in): 1 15/16
Max. Overall Height (mm): 1550
Max. Overall Height (in): 61
Light Distribution: Omnidirectional
Weight (kg): 6
Weight (lbs): 13.23
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm Cable
ELECTRICAL

Cable Details. 1500iiiii Cable
ELECTRICAL
Number of Lamps: 88
Lamp Type: LED Retrofit
Input Wattage (W): 29.04
Bulb Included: Bulb Included
Max. Wattage Per Lamp (W): 0.33
Lamp Base: E10
Dimming: Phase Dimming (120Vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
Lamp Voltage (V): 12
Upon Request: Integral: 0-10Vdc dimming
IFD

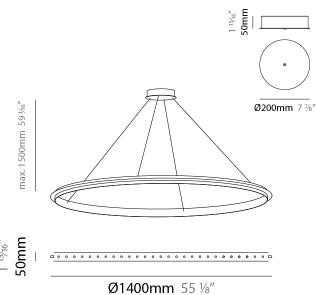
Color Temperature (°K): 2600 / 3000 / 3500
Max. Delivered Lumen (lm): 2024 (2600K)
CRI: >90 CRI
Lamp Life (hrs): 50000

### OPTICAL

### **RATINGS AND CERTIFICATIONS**

PROJECT		
TYPE		
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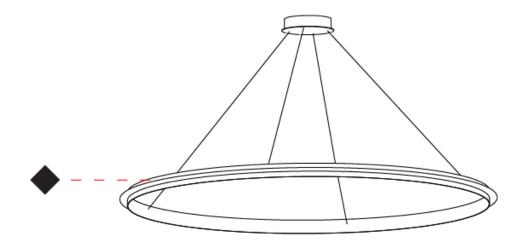






D101826-

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# **ZANEEN**®

## **CITADEL 1 RING SUSPENSION**

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: Citadel	
Subseries: Citadel 1 Ring	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 1600
Diameter (in): 63
Height (mm): 50
Height (in): 1 15/16
Max. Overall Height (mm): 1550
Max. Overall Height (in): 61
Light Distribution: Omnidirectional
Weight (kg): 7
Weight (lbs): 15.43
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm Cable
ELECTRICAL

Number of Lamps: 100 Lamp Type: LED Retrofit Input Wattage (W): 33 Bulb Included: Bulb Included Max. Wattage Per Lamp (W): 0.33 Lamp Base: E10 Dimming: Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Lamp Voltage (V): 12 Upon Request: Integral: 0-10Vdc dimming

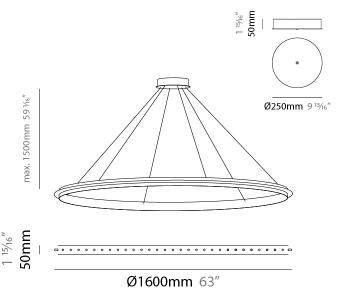
### LED

### OPTICAL

### **RATINGS AND CERTIFICATIONS**

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



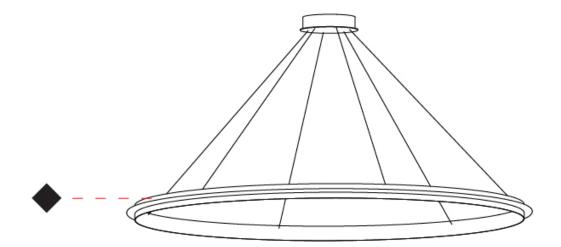






D101827-

PROJECT	
ТУРЕ	
SPECIFIER	
QUANTITY	
DATE	







# D101828-

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: Citadel	
Subseries: Citadel 1 Ring	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 1800
Diameter (in): $70\frac{7}{8}$
Height (mm): 50
Height (in): 1 15/16
Max. Overall Height (mm): 1550
Max. Overall Height (in): 61
Light Distribution: Omnidirectional
Weight (kg): 7
Weight (lbs): 15.43
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm Cable
FLECTRICAL

**ELECTRICAL** Number of Lamps: 113 Lamp Type: LED Retrofit Input Wattage (W): 37.29 Bulb Included: Bulb Included Max. Wattage Per Lamp (W): 0.33 Lamp Base: E10 Dimming: Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Lamp Voltage (V): 12 Upon Request: Integral: 0-10Vdc dimming

## LED

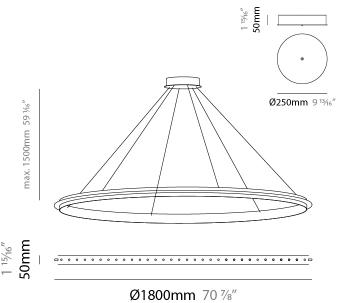
Color Temperature (°K): 2600 / 3000 / 3500 Max. Delivered Lumen (lm): 2599 (2600K) CRI: >90 CRI Lamp Life (hrs): 50000

### OPTICAL

### **RATINGS AND CERTIFICATIONS**

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TYPE		
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QUANTITY		
DATE		



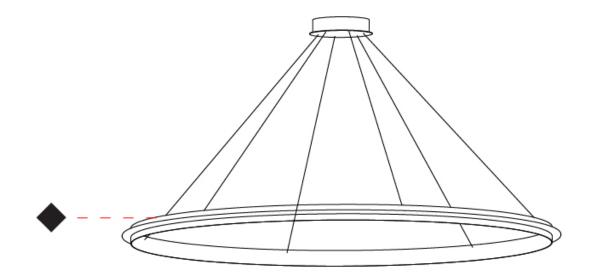






D101828-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	





# **ZANEEN**®

## **CITADEL 1 RING SUSPENSION**

# **D101829-**base number LED - Color F

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: Citadel	
Subseries: Citadel 1 Ring	
Brand: Quasar	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Round
Diameter (mm): 2000
Diameter (in): 78 <sup>3</sup> / <sub>4</sub>
Height (mm): 50
Height (in): 1 15/16
Max. Overall Height (mm): 1550
Max. Overall Height (in): 61
Light Distribution: Omnidirectional
Weight (kg): 8
Weight (lbs): 17.64
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 1500mm Cable
ELECTRICAL

Cable Details: 1500mm Cable
ELECTRICAL
Number of Lamps: 126
Lamp Type: LED Retrofit
Input Wattage (W): 41.58
Bulb Included: Bulb Included
Max. Wattage Per Lamp (W): 0.33
Lamp Base: E10
Dimming: Phase Dimming (120Vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 12
Lamp Voltage (V): 12
Upon Request: Integral: 0-10Vdc dimming

### LED

Number of LEDs: 126
Color Temperature (°K): 2600 / 3000 / 3500

Max. Delivered Lumen (lm): 2898 (2600K)
CRI: >90 CRI

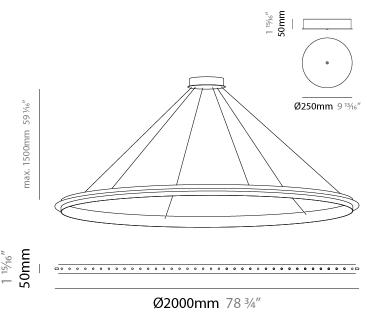
Lamp Life (hrs): 50000

OPTICAL

### **RATINGS AND CERTIFICATIONS**

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ТҮРЕ	
SPECIFIER	
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DATE	



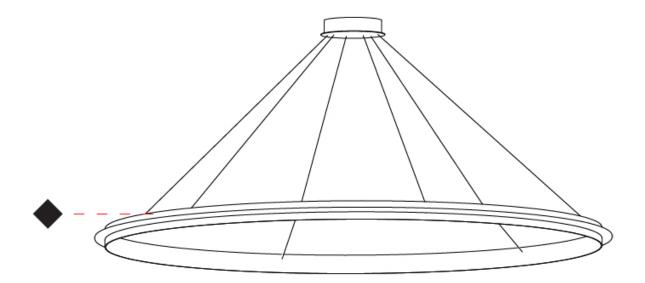






D101829-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	







## CITADEL COMPOSITION MODULAR SYSTEM

### **SUSPENSION**

### **D10CITA-MOD-SYS**

base number

- 1.To build a product code in our configurator select the specify button on the base model # product page
- 2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

### GENERAL

Series: Citadel		
Subcorioc: Citadal		

Subseries: Citadel Composition Modular System

Brand: Quasar

Division: Design

Mounting Type: Suspension

Mounting Location: Ceiling

Subcategory: Modular

### **PHYSICAL**

Fixture Finish: NIC / BRA / BBR

Fixture Material: Metal

### **ELECTRICAL**

Lamp Type: LED

Max. Wattage Per Lamp (W): 0.33

Lamp Base: E10

Dimming: Phase Dimming (120Vac Only)

Driver Included: No

Driver Location: See canopy components

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Output Voltage (V): 12

Upon Request: Phase dimming @120Vac only / Non-dimming @277Vac

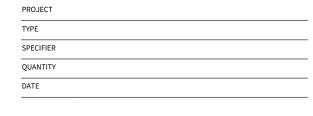
Lamp Life (hrs): 50000

### OPTICAL

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20









## **CITADEL**

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.





## **CITADEL**

## **LEGEND**

	floor-mounted	¥	pivotable	*	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
Ť	wall and ceiling: recessed and surface mounted	<u>`</u>	rotating		warm dim / natural dimming LED
		V.			0
1	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	Y	color of suspension cable	71400	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	↓	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	(°K)	color temperature
X	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
X	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	30	walk on
$\Box$	square wall or ceiling cut-out		free individual colors 01-29	<b>9</b>	drive on
4	the supplied jig specifies the cutout dimensions	C	individual colors: 00 (free of charge), 01-25 (extra charge)	OSC	Dark Sky Compliance
<b>d</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)
$\hat{\pm}$	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
<u></u>	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
C.S.	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	$\odot$	indirect diffuser	. <b>@</b>	ETL Certified to UL and CSA Standards
<b>•</b>	sensor	0	direct diffuser	. (A)	UL Certified to UL and CSA Standards
	remote control	0	ball-proof (upon request)	<b>(II</b> )	CSA Certified to UL and CSA Standards
9	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**

above the surface)

	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)
1K06	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