

CITADEL COMPOSITION MODULAR SYSTEM SUSPENSION

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

D101553-

| | | | |
|-------------|-------------|-------------------|----------------|
| base number | LED Dimming | Color Temperature | Finish Options |
|-------------|-------------|-------------------|----------------|

- To build a product code in our configurator select the specify button on the base model # product page
- 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 |
| Partner: Quasar |
| Division: Design |
| Installation: Suspension |
| Product Type: Clusters |
| Mounting Location: Ceiling |

PHYSICAL

| |
|---|
| Shape: Round |
| Diameter (mm): 1000 |
| Diameter (in): 39 3/8 |
| Max. Overall Height (mm): 1550 |
| Max. Overall Height (in): 61 |
| 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 |

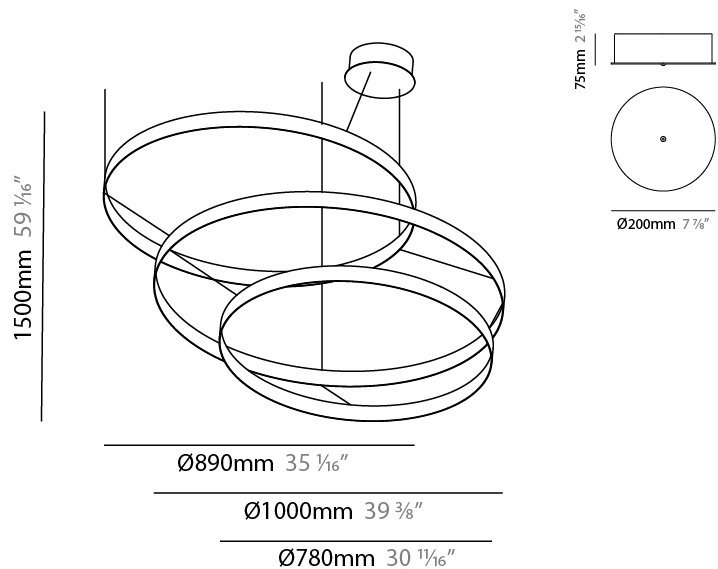
LED

| |
|--|
| Color Temperature (°K): 2600 / 3000 / 3500 |
| Max. Delivered Lumen (lm): 3588 (2600K) |
| CRI: >90 CRI |
| Lamp Life (hrs): 20000 |

OPTICAL

RATINGS AND CERTIFICATIONS

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



CITADEL COMPOSITION MODULAR SYSTEM SUSPENSION

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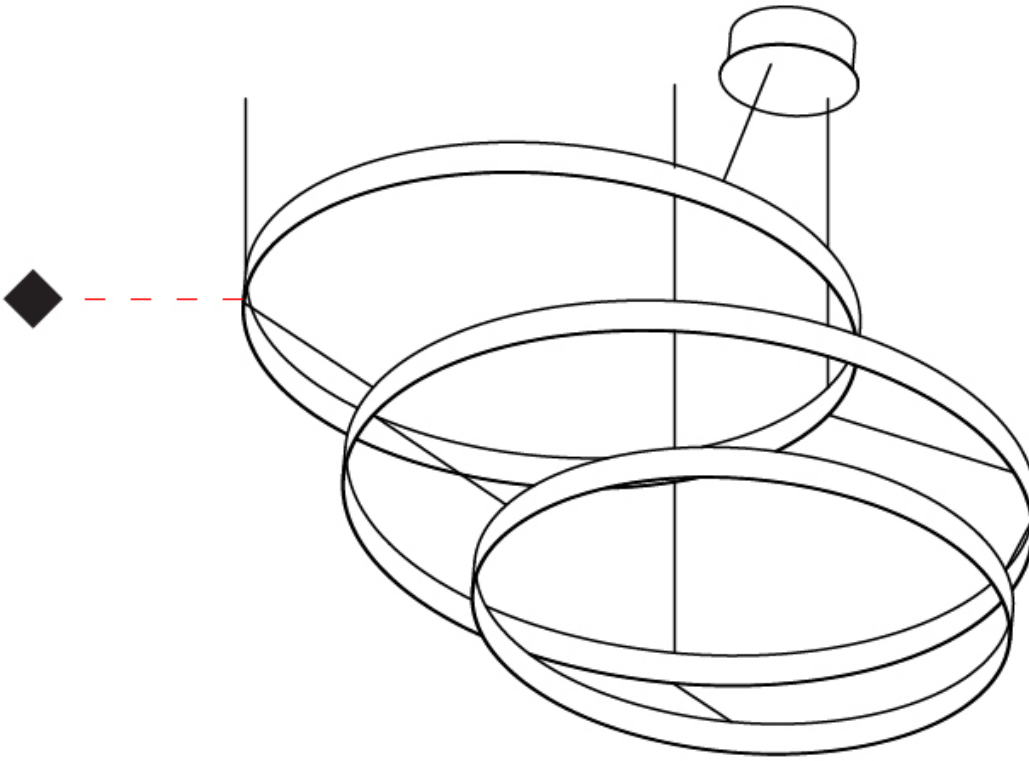
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| PROJECT | |
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CITADEL 1 RING SUSPENSION

D101822-

base number LED Dimming Color Temperature Finish Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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
 Partner: Quasar
 Division: Design
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling

PHYSICAL

Shape: Round
 Diameter (mm): 780
 Diameter (in): 30 11/16
 Height (mm): 50
 Height (in): 1 15/16
 Max. Overall Height (mm): 1550
 Max. Overall Height (in): 61
 Weight (kg): 3
 Weight (lbs): 6.61
[Fixture Finish: NIC / BRA / BBR](#)
 Fixture Material: Metal
 Cable Details: 1500mm Cable

ELECTRICAL

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

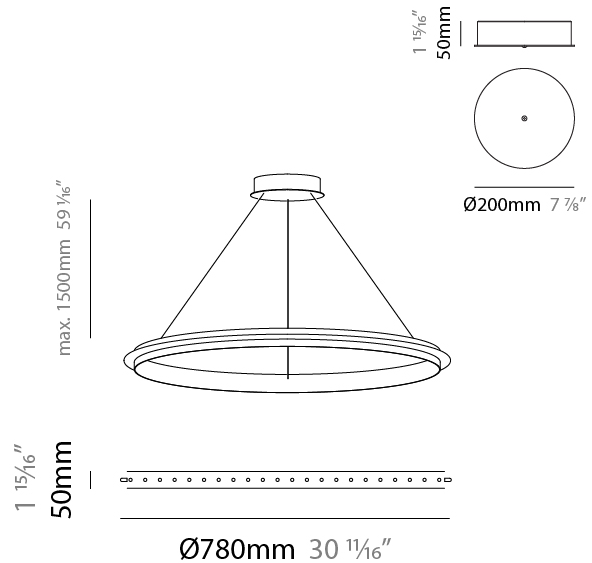
LED

[Color Temperature \(*K\): 2600 / 3000 / 3500](#)
 Max. Delivered Lumen (lm): 1012 (2600K)
 CRI: >90 CRI
 Lamp Life (hrs): 20000

OPTICAL

RATINGS AND CERTIFICATIONS

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



CITADEL 1 RING SUSPENSION

D101822-

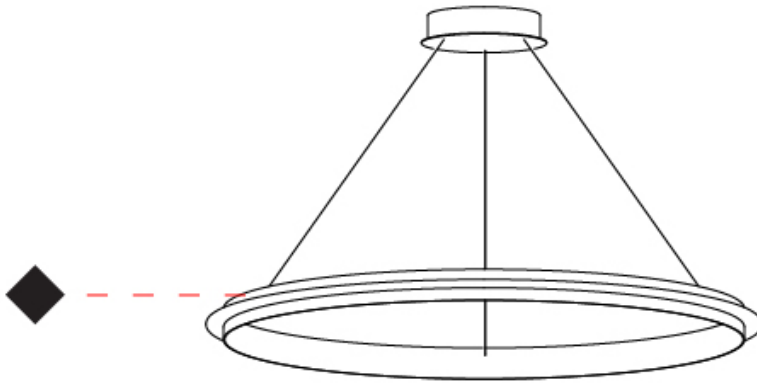
PROJECT

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| PROJECT |
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CITADEL 1 RING SUSPENSION

D101823-

| | | | |
|-------------|-------------|-------------------|----------------|
| base number | LED Dimming | Color Temperature | Finish Options |
|-------------|-------------|-------------------|----------------|

- To build a product code in our configurator select the specify button on the base model # product page
- 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 |
| Partner: Quasar |
| Division: Design |
| Installation: Suspension |
| Product Type: Pendant |
| Mounting Location: Ceiling |
| Light Distribution: Uplight |

PHYSICAL

| |
|---|
| Shape: Round |
| Diameter (mm): 890 |
| Diameter (in): 35 ¹ / ₁₆ " |
| Height (mm): 50 |
| Height (in): 1 ¹⁵ / ₁₆ " |
| Max. Overall Height (mm): 1550 |
| Max. Overall Height (in): 61 |
| Weight (kg): 3 |
| Weight (lbs): 6.61 |
| Fixture Finish: NIC / BRA / BBR |
| Fixture Material: Metal |
| Cable Details: 1500mm Cable |

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 |

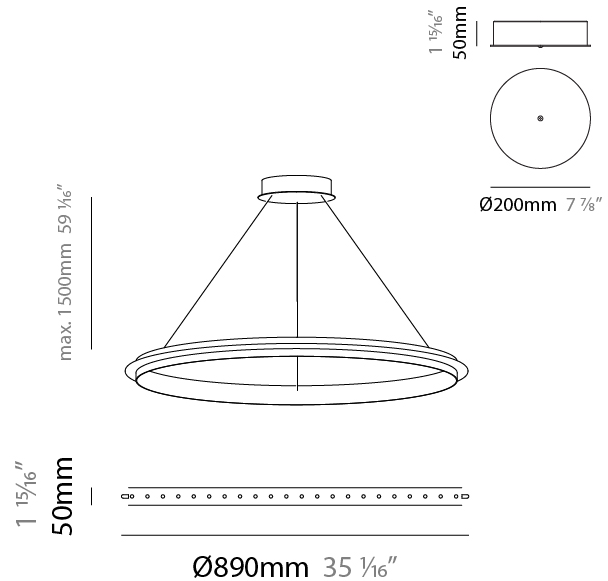
LED

| |
|--|
| Color Temperature (°K): 2600 / 3000 / 3500 |
| Max. Delivered Lumen (lm): 1196 (2600K) |
| CRI: >90 CRI |
| Lamp Life (hrs): 20000 |

OPTICAL

RATINGS AND CERTIFICATIONS

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



CITADEL 1 RING SUSPENSION

D101823-

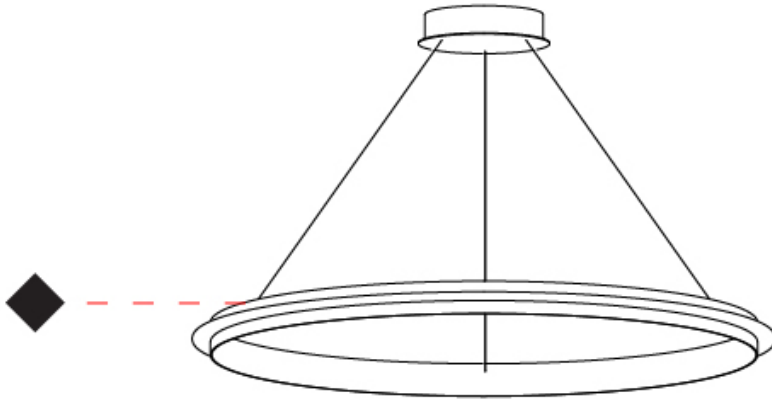
PROJECT

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| PROJECT | _____ |
| TYPE | _____ |
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| QUANTITY | _____ |
| DATE | _____ |

CITADEL 1 RING SUSPENSION

D101824-

| | | | |
|-------------|---------|-------------|---------|
| base number | LED | Color | Finish |
| | Dimming | Temperature | Options |

- To build a product code in our configurator select the specify button on the base model # product page
- 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 |
| Partner: Quasar |
| Division: Design |
| Installation: Suspension |
| Product Type: Pendant |
| Mounting Location: Ceiling |

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 |
| 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 |

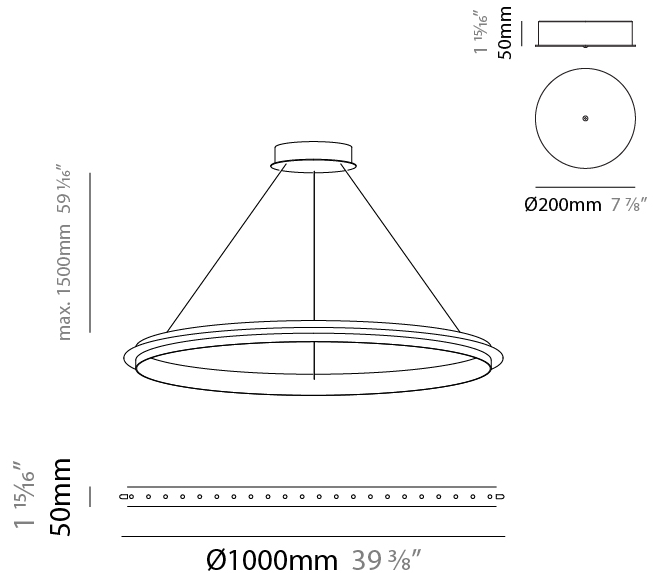
LED

| |
|--|
| Color Temperature (*K): 2600 / 3000 / 3500 |
| Max. Delivered Lumen (lm): 1380 (2600K) |
| CRI: >90 CRI |
| Lamp Life (hrs): 20000 |

OPTICAL

RATINGS AND CERTIFICATIONS

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



CITADEL 1 RING SUSPENSION

D101824-

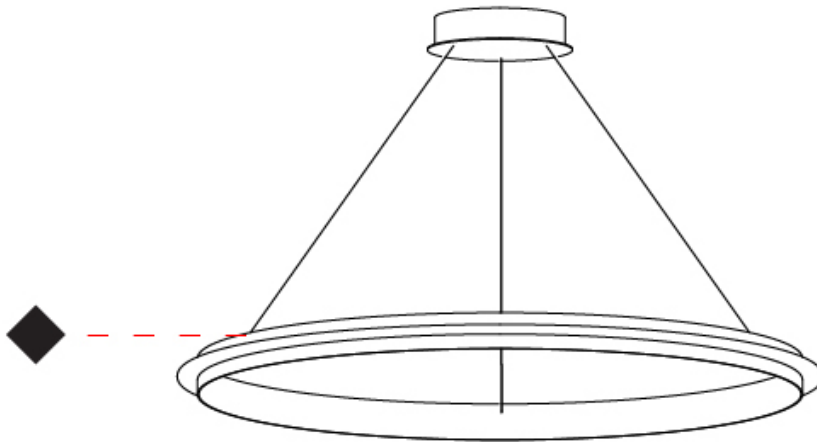
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| PROJECT | _____ |
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CITADEL 1 RING SUSPENSION

D101825-

base number LED Dimming Color Temperature Finish Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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
 Partner: Quasar
 Division: Design
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling

PHYSICAL

Shape: Round
 Diameter (mm): 1200
 Diameter (in): 47 1/4
 Height (mm): 50
 Height (in): 1 15/16
 Max. Overall Height (mm): 1550
 Max. Overall Height (in): 61
 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

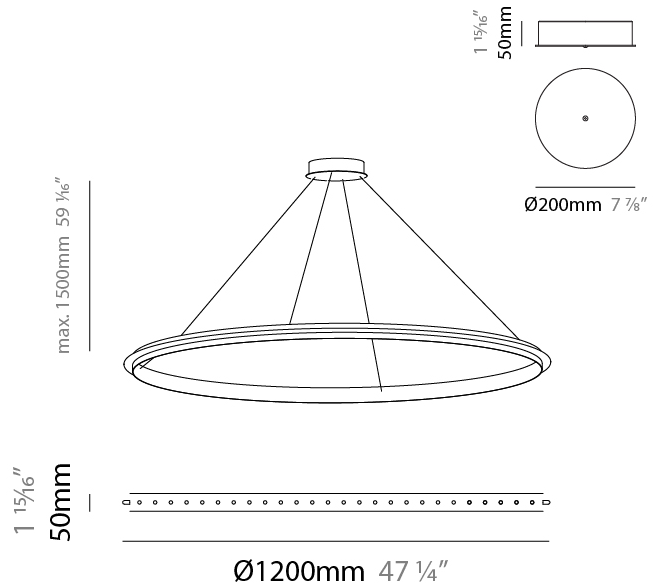
LED

[Color Temperature \(*K\): 2600 / 3000 / 3500](#)
 Max. Delivered Lumen (lm): 1725 (2600K)
 CRI: >90 CRI
 Lamp Life (hrs): 20000

OPTICAL

RATINGS AND CERTIFICATIONS

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



CITADEL 1 RING SUSPENSION

D101825-

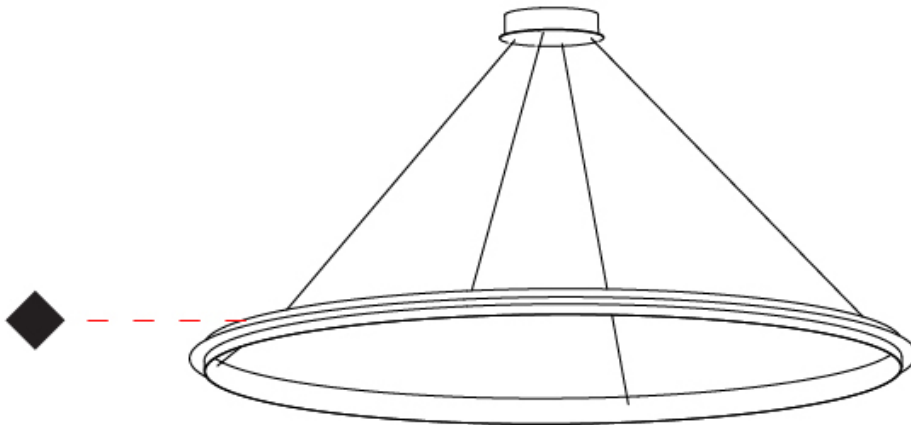
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CITADEL 1 RING SUSPENSION

D101826-

base number LED Dimming Color Temperature Finish Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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
 Partner: Quasar
 Division: Design
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling

PHYSICAL

Shape: Round
 Diameter (mm): 1400
 Diameter (in): 55 1/8
 Height (mm): 50
 Height (in): 1 15/16
 Max. Overall Height (mm): 1550
 Max. Overall Height (in): 61
 Weight (kg): 6
 Weight (lbs): 13.23
[Fixture Finish: NIC / BRA / BBR](#)
 Fixture Material: Metal
 Cable Details: 1500mm 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

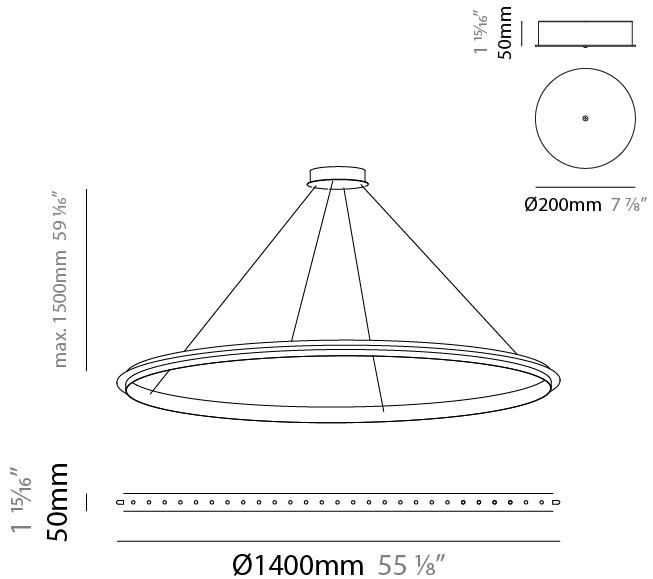
LED

[Color Temperature \(*K\): 2600 / 3000 / 3500](#)
 Max. Delivered Lumen (lm): 2024 (2600K)
 CRI: >90 CRI
 Lamp Life (hrs): 20000

OPTICAL

RATINGS AND CERTIFICATIONS

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



CITADEL 1 RING SUSPENSION

D101826-

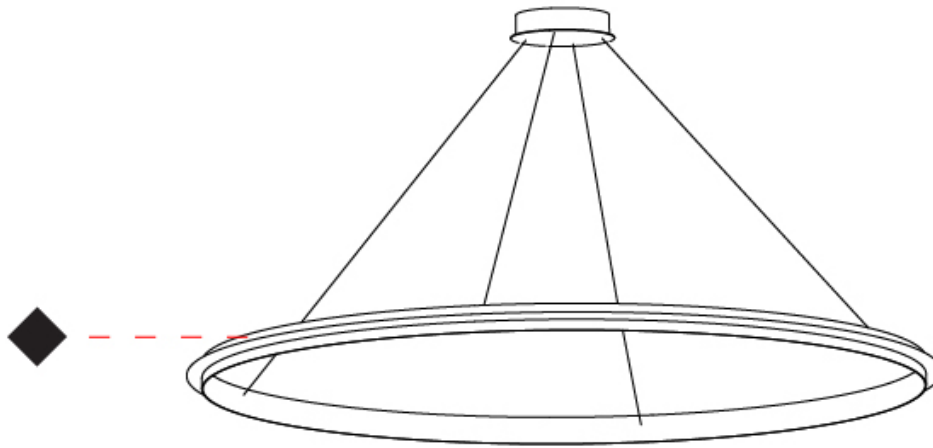
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CITADEL 1 RING SUSPENSION

D101827-

| | | | |
|-------------|----------------|----------------------|-------------------|
| base number | LED Dimming | Color Temperature | Finish Options |
|-------------|----------------|----------------------|-------------------|

- To build a product code in our configurator select the specify button on the base model # product page
- 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 |
| Partner: Quasar |
| Division: Design |
| Installation: Suspension |
| Product Type: Pendant |
| Mounting Location: Ceiling |

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 |
| 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 |

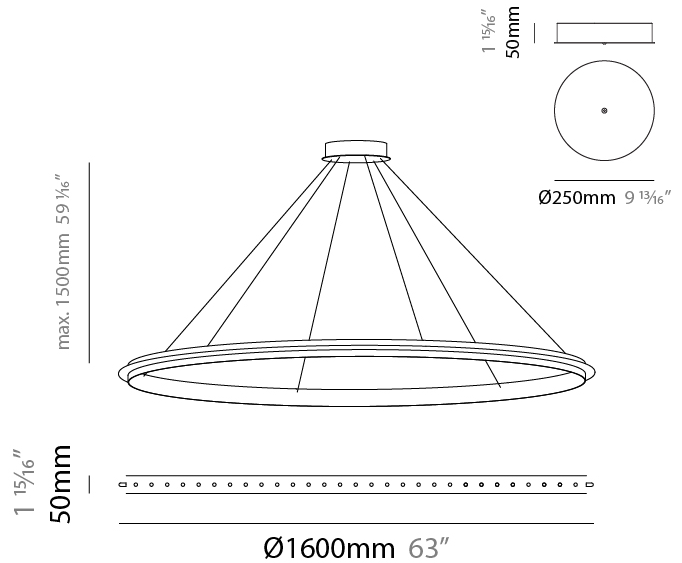
LED

| |
|--|
| Color Temperature (°K): 2600 / 3000 / 3500 |
| Max. Delivered Lumen (lm): 2300 (2600K) |
| CRI: >90 CRI |
| Lamp Life (hrs): 20000 |

OPTICAL

RATINGS AND CERTIFICATIONS

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



CITADEL 1 RING SUSPENSION

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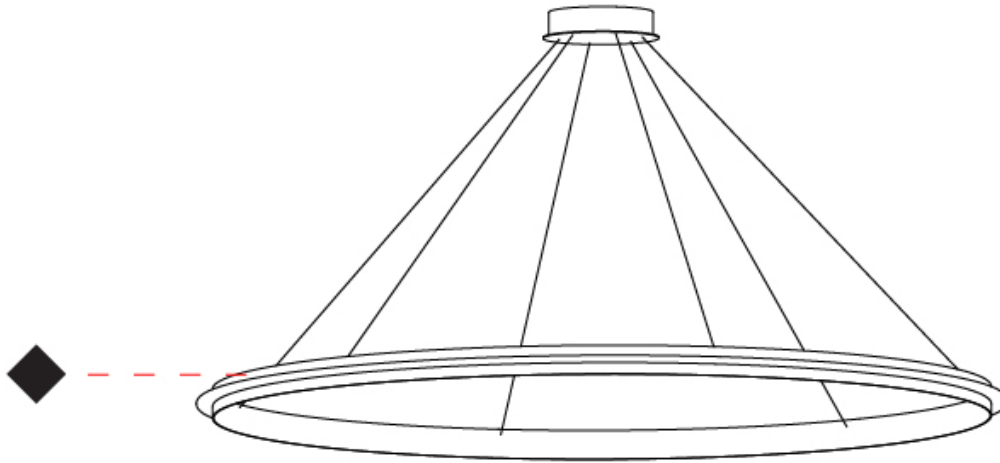
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CITADEL 1 RING SUSPENSION

D101828-

| | | | |
|-------------|---------|-------------|---------|
| base number | LED | Color | Finish |
| | Dimming | Temperature | Options |

- To build a product code in our configurator select the specify button on the base model # product page
- 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 |
| Partner: Quasar |
| Division: Design |
| Installation: Suspension |
| Product Type: Pendant |
| Mounting Location: Ceiling |

PHYSICAL

| |
|---|
| Shape: Round |
| Diameter (mm): 1800 |
| Diameter (in): 70 7/8 |
| Height (mm): 50 |
| Height (in): 1 15/16 |
| Max. Overall Height (mm): 1550 |
| Max. Overall Height (in): 61 |
| Weight (kg): 7 |
| Weight (lbs): 15.43 |
| Fixture Finish: NIC / BRA / BBR |
| Fixture Material: Metal |
| Cable Details: 1500mm Cable |

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 |

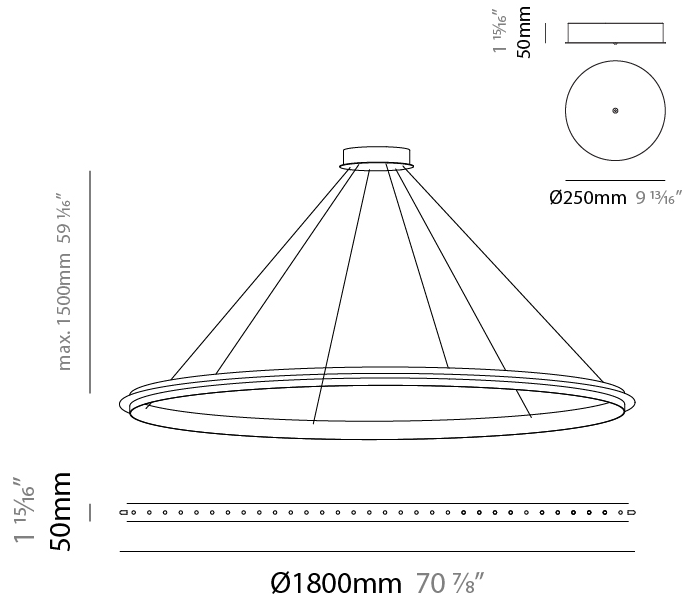
LED

| |
|--|
| Color Temperature (*K): 2600 / 3000 / 3500 |
| Max. Delivered Lumen (lm): 2599 (2600K) |
| CRI: >90 CRI |
| Lamp Life (hrs): 20000 |

OPTICAL

RATINGS AND CERTIFICATIONS

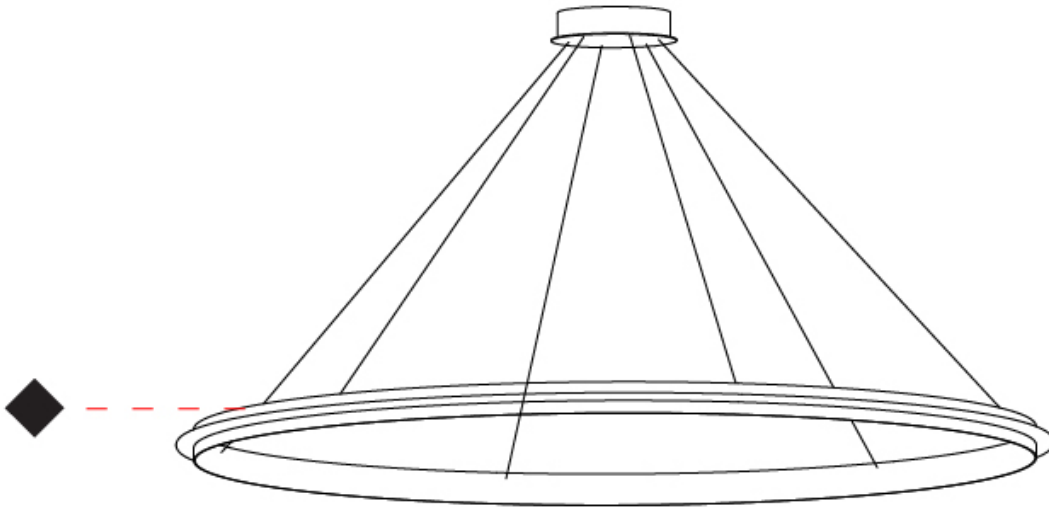
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| Certified By: Certified for North American Standards |
| IP rating: IP20 |



CITADEL 1 RING SUSPENSION

D101828-

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| PROJECT | _____ |
| TYPE | _____ |
| SPECIFIER | _____ |
| QUANTITY | _____ |
| DATE | _____ |



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

CITADEL 1 RING SUSPENSION

D101829-

base number LED Dimming Color Temperature Finish Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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
 Partner: Quasar
 Division: Design
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling

PHYSICAL

Shape: Round
 Diameter (mm): 2000
 Diameter (in): 78 3/4
 Height (mm): 50
 Height (in): 1 15/16
 Max. Overall Height (mm): 1550
 Max. Overall Height (in): 61
 Weight (kg): 8
 Weight (lbs): 17.64
[Fixture Finish: NIC / BRA / BBR](#)
 Fixture Material: Metal
 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

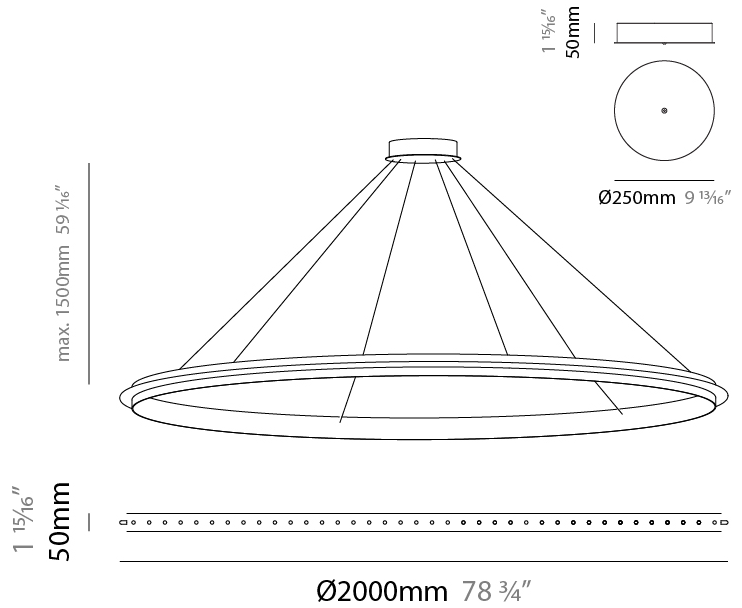
LED

Number of LEDs: 126
[Color Temperature \(°K\): 2600 / 3000 / 3500](#)
 Max. Delivered Lumen (lm): 2898 (2600K)
 CRI: >90 CRI
 Lamp Life (hrs): 20000

OPTICAL

RATINGS AND CERTIFICATIONS

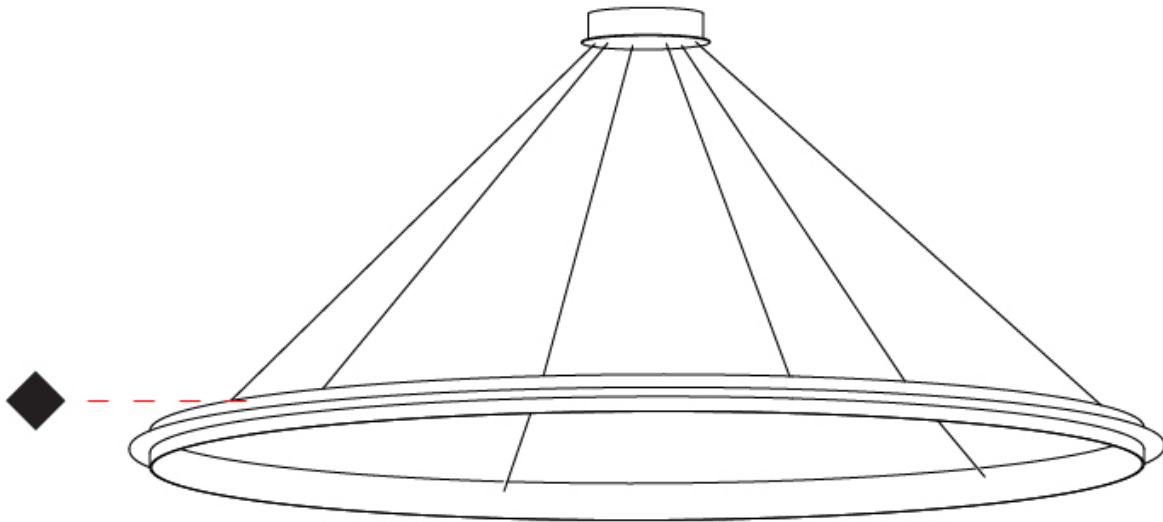
Certified By: Certified for North American Standards
 IP rating: IP20



CITADEL 1 RING SUSPENSION

D101829-

| | |
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| PROJECT | _____ |
| TYPE | _____ |
| 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
Subseries: Citadel Composition Modular System
Partner: Quasar
Division: Design
Installation: Suspension
Product Type: Clusters
Mounting Location: Ceiling

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

LED

Lamp Life (hrs): 20000

OPTICAL

RATINGS AND CERTIFICATIONS

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

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| PROJECT | _____ |
| TYPE | _____ |
| SPECIFIER | _____ |
| QUANTITY | _____ |
| DATE | _____ |



| | |
|-----------|-------|
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Fixture Finish

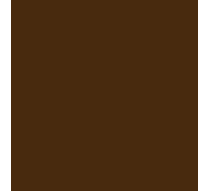
Nickel - NIC



Brass - BRA



Black Brass - BBR



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.













LEGEND

| | | | | | |
|--|---|---|--|---|--|
|  | floor-mounted |  | pivotal |  | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ |
|  | wall and ceiling: recessed and surface mounted |  | rotating |  | warm dim / natural dimming LED |
|  | ceiling-mounted and wall-mounted |  | illuminate tilted |  | rechargeable battery powered |
|  | wall-mounted |  | color of suspension cable |  | fixture with natural vivid LED (upon request) |
|  | omni-directional light distribution |  | length of suspension cable |  | color rendering index |
|  | direct light distribution |  | reflector degree selection |  | color temperature |
|  | direct/indirect light distribution |  | super spot |  | lumen (luminous flux) |
|  | indirect light distribution |  | lens |  | efficacy (lumens per watt) |
|  | asymmetric light distribution |  | lens pack |  | Unified Glare Rating (UGR) range from 5-40 |
|  | aura light distribution |  | shine ring |  | marine grade (AISI 316 stainless steel) |
|  | round wall or ceiling cut-out |  | integrated shine ring with diffuser |  | walk on |
|  | square wall or ceiling cut-out |  | free individual colors 01-29 |  | drive on |
|  | the supplied jig specifies the cutout dimensions |  | individual colors: 00 (free of charge), 01-25 (extra charge) |  | Dark Sky Compliance |
|  | minimum distance (meters) lamp - object |  | luminaire part to be colored (F1) |  | 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) |  | acoustic material |
|  | dimnable DP (phase), DV (0-10V), DD (dali), DS (step-dim) |  | luminaire part to be colored (F5) |  | protection class I, protection insulation |
|  | included or excluded LED driver/transformer/control gear |  | color of 3-circuit adaptor |  | protection class II, protection insulation |
|  | separately switchable |  | indirect diffuser |  | ETL Certified to UL and CSA Standards |
|  | sensor |  | direct diffuser |  | UL Certified to UL and CSA Standards |
|  | remote control |  | ball-proof (upon request) |  | CSA Certified to UL and CSA Standards |
|  | available upon request |  | accessory |  | Certified for North American Standards |

IP RATING

| | |
|---|--|
|  | protected against ingress of solid bodies greater than 12.5mm (finger) |
|  | protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain) |
|  | protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture |
|  | protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain) |
|  | protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions |
|  | protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions |
|  | protected against ingress of dust protected against jets of water |
|  | protected against ingress of dust protected against powerful jets of water or heavy seas |
|  | protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes |
|  | protected against ingress of dust protected against immersion of water under pressure for long periods |

IK RATING

| | |
|---|---|
|  | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface) |
|  | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface) |
|  | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
|  | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface) |
|  | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface) |
|  | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface) |
|  | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface) |
|  | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) |
|  | 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) |