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COSMOS SQUARE SUSPENSION

D1010050- _____ - _____ - _____

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: Cosmos Square
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient

PHYSICAL

Shape: Square
Length (mm): 1500
Length (in): 59 $\frac{1}{16}$
Width (mm): 305
Width (in): 12
Height (mm): 400
Height (in): 15 $\frac{3}{4}$
Max. Overall Height (mm): 2450
Max. Overall Height (in): 94 $\frac{1}{2}$
Light Distribution: Omnidirectional
Weight (kg): 8
Weight (lbs): 17..64
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 2000mm Cable
Upon Request: Custom Sizes Optional Dowlight upon request

ELECTRICAL

Number of Lamps: 135
Lamp Type: LED
Input Wattage (W): 81
Bulb Included: Bulb Included
Max. Wattage Per Lamp (W): 0.6
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
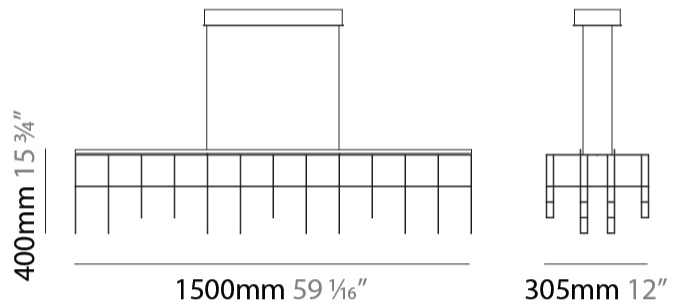Output Voltage (V): 12

LED

Number of LEDs: 135
Color Temperature (°K): 2400 / 2800
Max. Delivered Lumen (lm): 4050 (2800K)
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

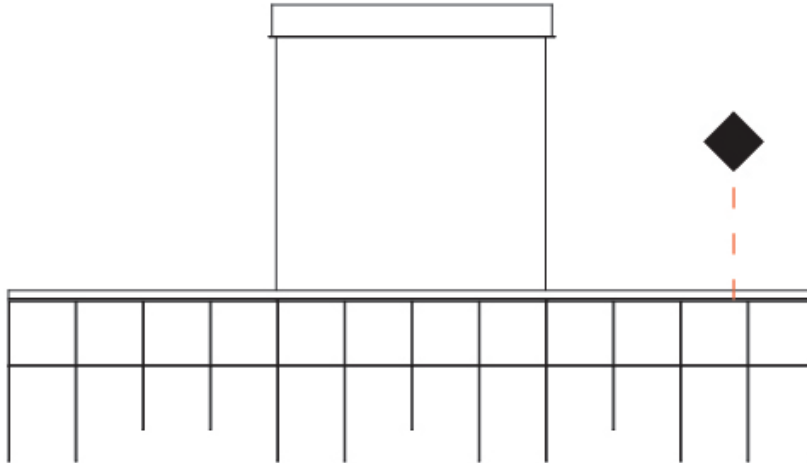Certified By: Certified for North American Standards
IP rating: IP20

400mm 15 $\frac{3}{4}$"

1500mm 59 $\frac{1}{16}$"

305mm 12"

D

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COSMOS SQUARE SUSPENSION

D1010050-

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COSMOS SQUARE SUSPENSION

D1010051- ___ - ___ - ___

base number   LED Dimming   Color Temperature   Finish Options

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

GENERAL

Series: Cosmos Square
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient

PHYSICAL

Shape: Square
Length (mm): 3000
Length (in): 118 ⅛
Width (mm): 305
Width (in): 12
Height (mm): 400
Height (in): 15 ¾
Max. Overall Height (mm): 2450
Max. Overall Height (in): 94 ½
Light Distribution: Omnidirectional
Weight (kg): 16
Weight (lbs): 35.27
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 2000mm Cable
Upon Request: Custom Sizes Optional Dowlight upon request

ELECTRICAL

Number of Lamps: 258
Lamp Type: LED
Input Wattage (W): 155
Max. Wattage Per Lamp (W): 0.6
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 1
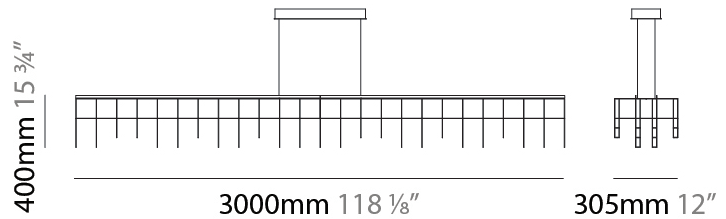Input Voltage (V): 120 - 277
Output Voltage (V): 12

LED

Number of LEDs: 258
Color Temperature (°K): 2400 / 2800
Max. Delivered Lumen (lm): 7740 (2800K)
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

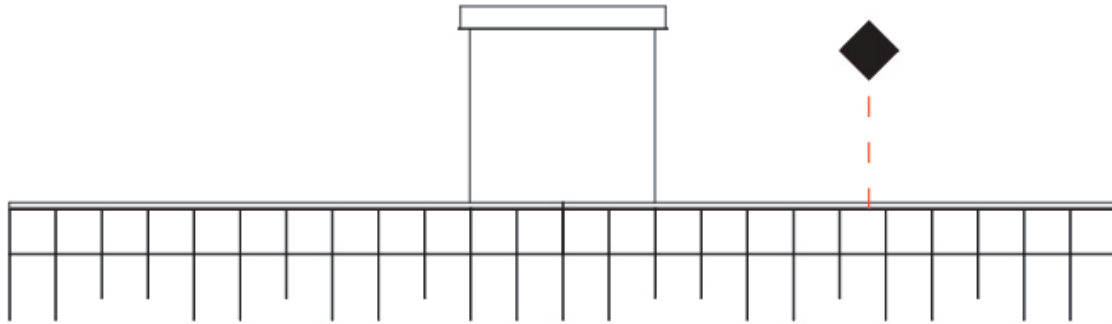Certified By: Certified for North American Standards
IP rating: IP20

400mm 15 ¾"

3000mm 118 ⅛"

305mm 12"

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COSMOS SQUARE SUSPENSION

D1010051-

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COSMOS SQUARE SUSPENSION

D101741-   -   -

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

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

GENERAL

Series: Cosmos Square
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient

PHYSICAL

Shape: Rectangle
Length (mm): 875
Length (in): 34 $\frac{7}{16}$
Width (mm): 395
Width (in): 15 $\frac{9}{16}$
Height (mm): 250
Height (in): 9 $\frac{13}{16}$
Max. Overall Height (mm): 2250
Max. Overall Height (in): 88 $\frac{9}{16}$
Light Distribution: Omnidirectional
Weight (kg): 4
Weight (lbs): 8.82
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 2000mm Cable
Upon Request: Custom Sizes Optional Dowlight upon request

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 57.6
Dimming: Non-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
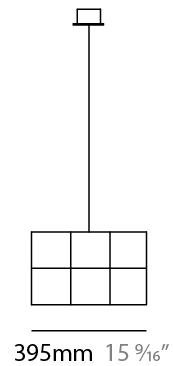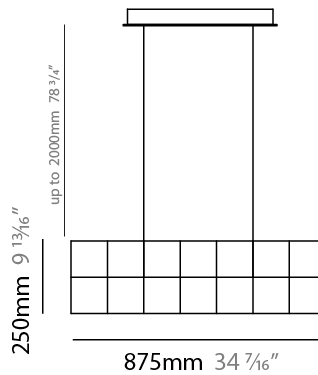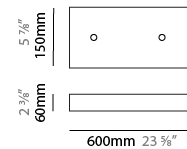Upon Request: (Not included - see components) Integral: 0-10Vdc dimming

LED

Number of LEDs: 96
Color Temperature (°K): 2400 / 2800
Max. Delivered Lumen (lm): 2880 (2800K)
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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

5 $\frac{7}{8}$" 150mm

2 $\frac{3}{8}$" 60mm

600mm 23 $\frac{5}{8}$"

up to 2000mm 78 $\frac{3}{4}$"

250mm 9 $\frac{13}{16}$"

875mm 34 $\frac{7}{16}$"

395mm 15 $\frac{9}{16}$"

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COSMOS SQUARE SUSPENSION

D101741-

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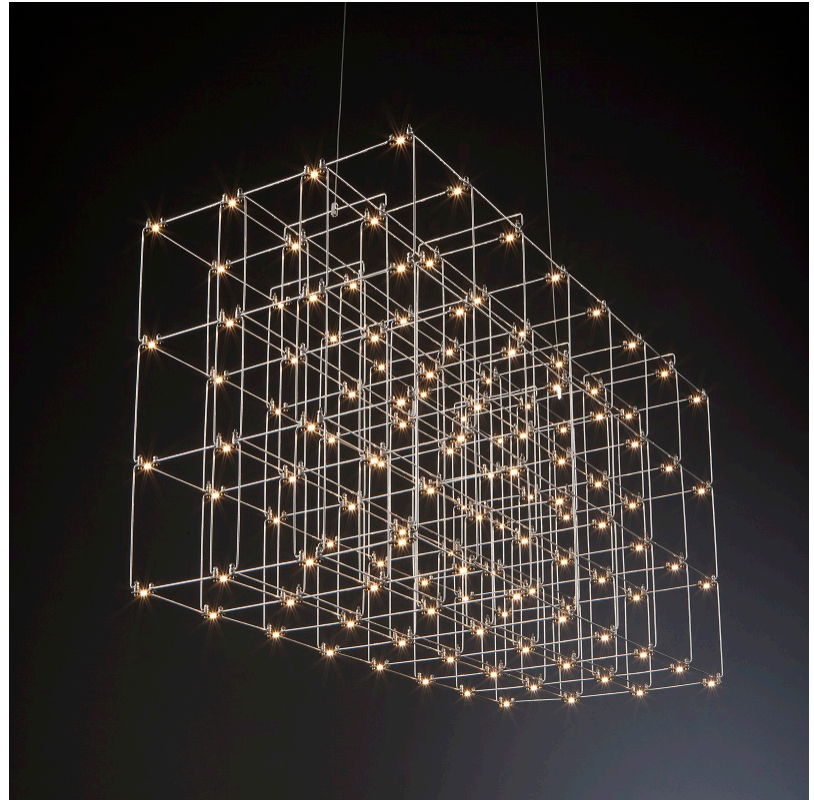
COSMOS SQUARE SUSPENSION

D101742-   -   -

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

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

GENERAL

Series: Cosmos Square
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient

PHYSICAL

Shape: Rectangle
Length (mm): 875
Length (in): 34 $\frac{7}{16}$
Width (mm): 395
Width (in): 15 $\frac{9}{16}$
Height (mm): 375
Height (in): 14 $\frac{3}{4}$
Max. Overall Height (mm): 2375
Max. Overall Height (in): 93 $\frac{1}{2}$
Light Distribution: Omnidirectional
Weight (kg): 4.5
Weight (lbs): 9.92
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 2000mm Cable
Upon Request: Custom Sizes Optional Dowlight upon request

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 76.8
Dimming: Non-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
Upon Request: (Not included - see components) Integral: 0-10Vdc dimming

LED

Number of LEDs: 128
Color Temperature (°K): 2400 / 2800
Max. Delivered Lumen (lm): 3840 (2800K)
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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

150mm 5 $\frac{7}{8}$"
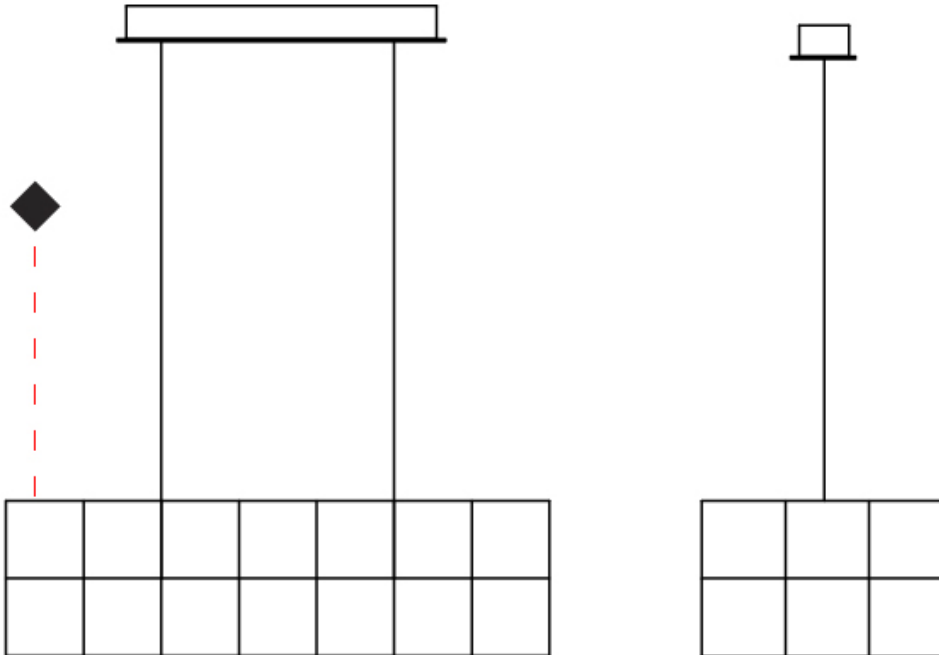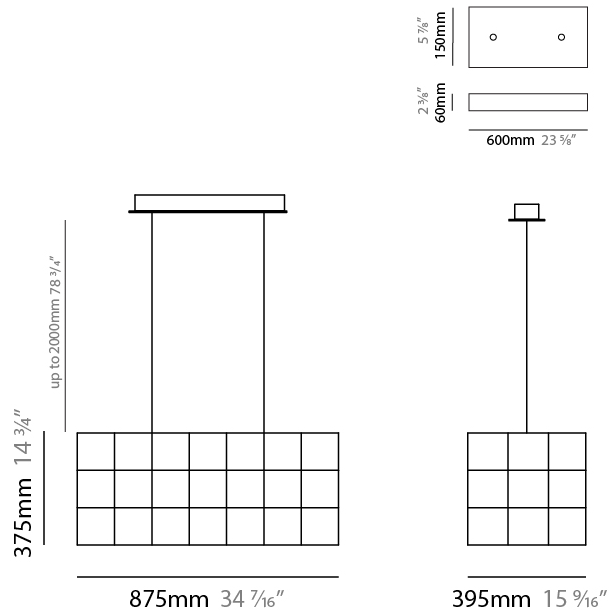
60mm 2 $\frac{3}{8}$"

600mm 23 $\frac{5}{8}$"

up to 2000mm 78 $\frac{3}{4}$"

375mm 14 $\frac{3}{4}$

875mm 34 $\frac{7}{16}$"

395mm 15 $\frac{9}{16}$"

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COSMOS SQUARE SUSPENSION

D101742-

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COSMOS SQUARE SUSPENSION

D101743- ___ - ___ - ___

base number | LED Dimming | Color Temperature | Finish Options

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

GENERAL

Series: Cosmos Square
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient

PHYSICAL

Shape: Square
Length (mm): 1000
Length (in): 39 $\frac{3}{8}$
Width (mm): 1000
Width (in): 39 $\frac{3}{8}$
Height (mm): 850
Height (in): 33 $\frac{7}{16}$
Max. Overall Height (mm): 2850
Max. Overall Height (in): 112 $\frac{3}{16}$
Light Distribution: Omnidirectional
Weight (kg): 24
Weight (lbs): 52.91
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 2000mm Cable
Upon Request: Custom Sizes Optional Dowlight upon request

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 328.8
Dimming: Non-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

LED

Number of LEDs: 548
Color Temperature (°K): 2400 / 2800
Max. Delivered Lumen (lm): 16440 (2800K)
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

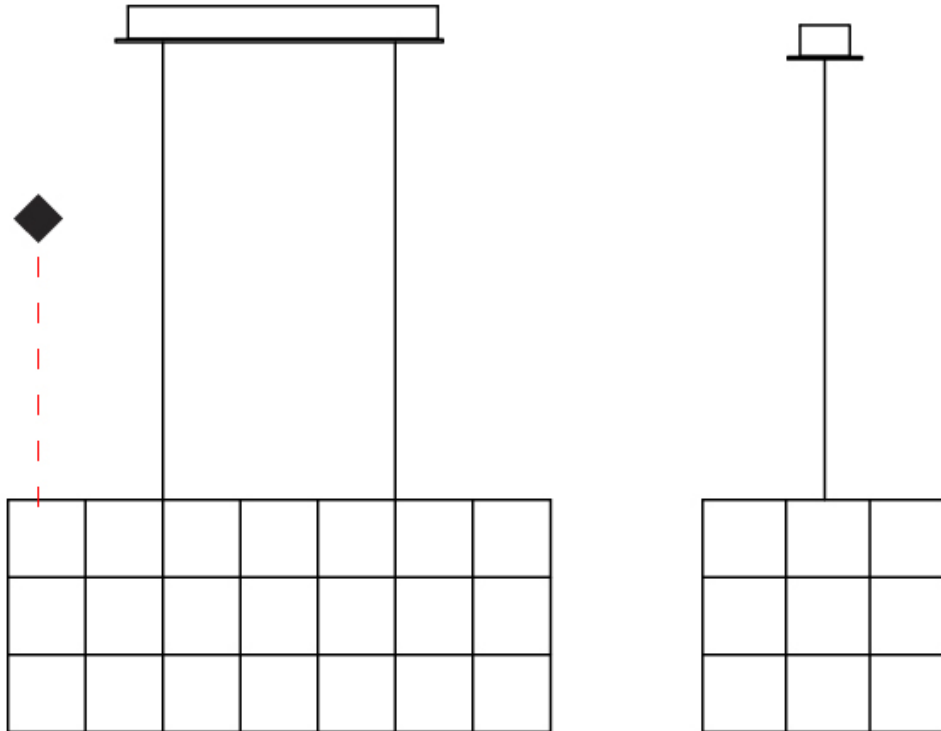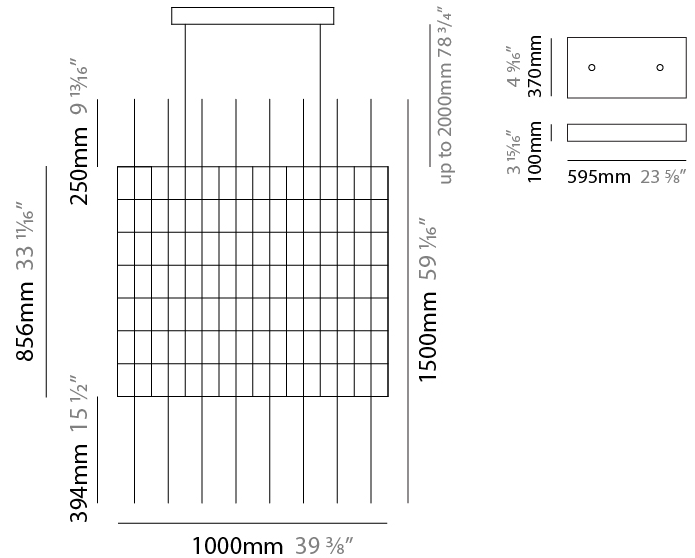Certified By: Certified for North American Standards
IP rating: IP20

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COSMOS SQUARE SUSPENSION

D101743-

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COSMOS SQUARE SUSPENSION

D101944-　　　-　　　-

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

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

GENERAL

Series: Cosmos Square
Brand: Quasar
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient

PHYSICAL

Shape: Square
Length (mm): 1000
Length (in): 39 ³/₈
Width (mm): 1000
Width (in): 39 ³/₈
Height (mm): 850
Height (in): 33 ⁷/₁₆
Max. Overall Height (mm): 2850
Max. Overall Height (in): 112 ³/₁₆
Light Distribution: Omnidirectional
Weight (kg): 24
Weight (lbs): 52.91
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal
Cable Details: 2000mm Cable
Upon Request: Custom Sizes Optional Dowlight upon request

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 328.8
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
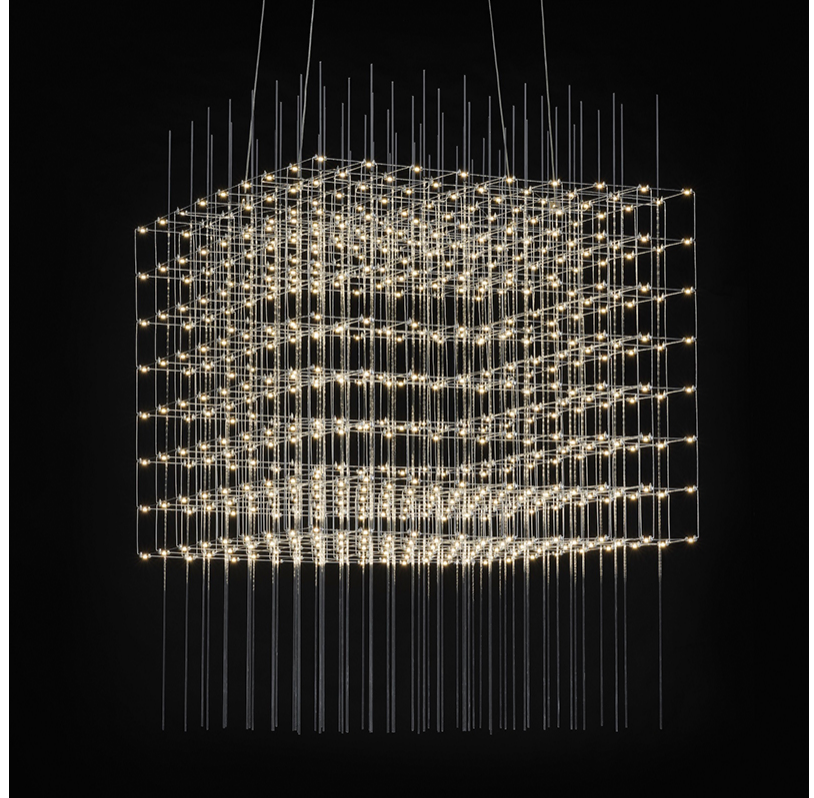Input Voltage (V): 120 - 277
Output Voltage (V): 12

LED

Number of LEDs: 548
Color Temperature (°K): 2400 / 2800
Max. Delivered Lumen (lm): 16440 (2800K)
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

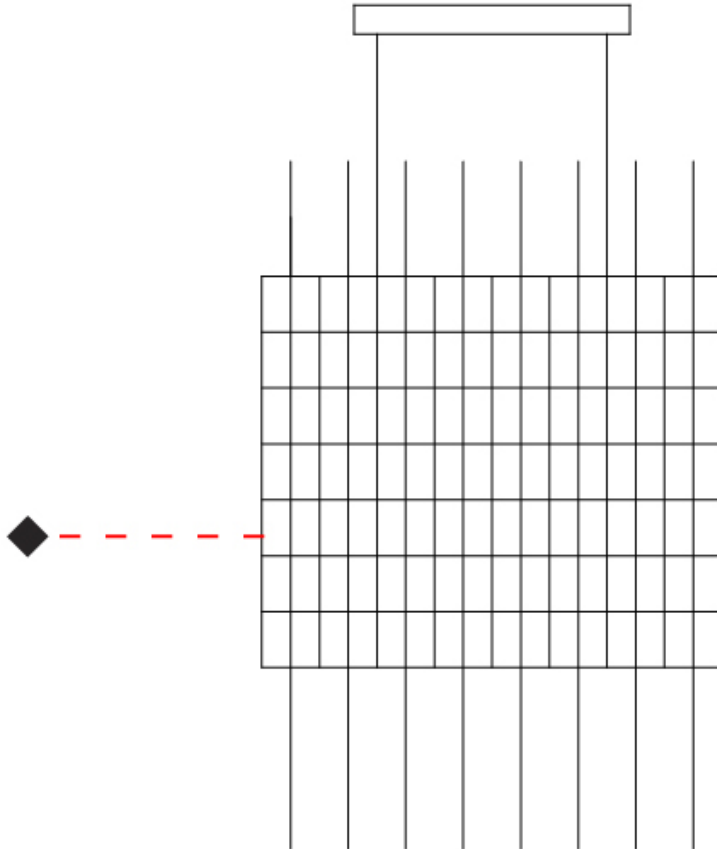Certified By: Certified for North American Standards
IP rating: IP20

up to 2000mm 78 ³/₄"

856mm 33 ¹¹/₁₆"

1000mm 39 ³/₈"

4 ⁹/₁₆" 370mm

3 ¹⁵/₁₆" 100mm

595mm 23 ⅝"

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COSMOS SQUARE SUSPENSION

D101944-

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October 28, 2024, 5:50 am

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COSMOS SQUARE
COLOR FINISH CHART
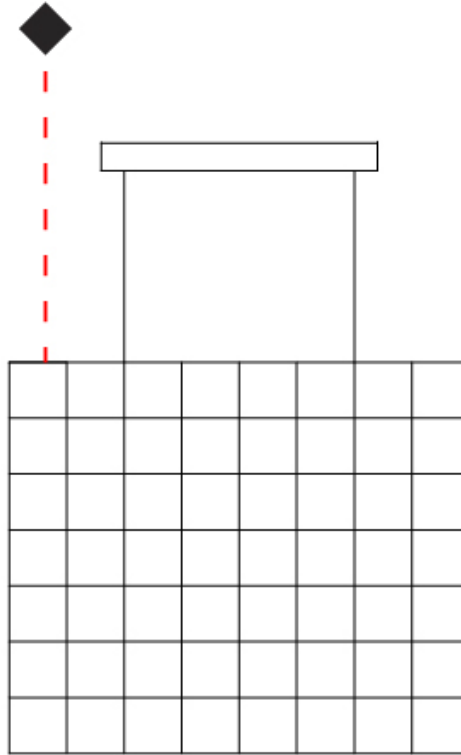
Fixture Finish

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.

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COSMOS SQUARE

LEGEND

↓	floor-mounted	⊿	pivotable	✳	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	CRI	color rendering index
▲	direct light distribution	⌂	reflector degree selection	°K	color temperature
⧖	direct/indirect light distribution	s|s	super spot	LM	lumen (luminous flux)
▼	indirect light distribution	⚘	lens	LM/W	efficacy (lumens per watt)
◣	asymmetric light distribution	⚭	lens pack	UGR	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	C	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
⟷M	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
⊜	dimmable 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	ETL Certified to UL and CSA Standards
📡	sensor	D	direct diffuser	UL	UL Certified to UL and CSA Standards
📱	remote control	⚽	ball-proof (upon request)	CSA	CSA Certified to UL and CSA Standards
☎	available upon request	📎	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

IK01	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)
IK03	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)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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