

MATRIX SUSPENSION

D1010082-

base number 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: Matrix
Partner: Quasar
Division: Design
Installation: Suspension
Product Type: Pendant
Mounting Location: Ceiling

PHYSICAL

Shape: Cylinder
Length (mm): 350
Length (in): 13 3/4
Width (mm): 35
Width (in): 1 3/8
Height (mm): 320
Height (in): 12 5/8
Max. Overall Height (mm): 2320
Max. Overall Height (in): 91 5/16
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal / Glass
Cable Details: 2,000mm/78 3/4" Transparent Cable

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 1.8
Total Output Wattage (W): 1.5
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): 24

LED

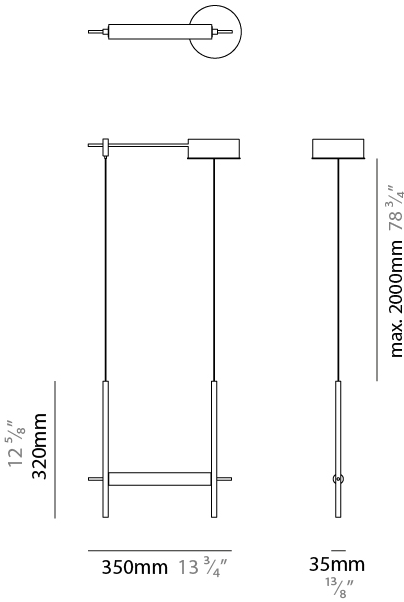
Color Temperature (°K): 2700
Max. Delivered Lumen (lm): 162
CRI: >95 CRI
Lamp Life (hrs): 50000

OPTICAL

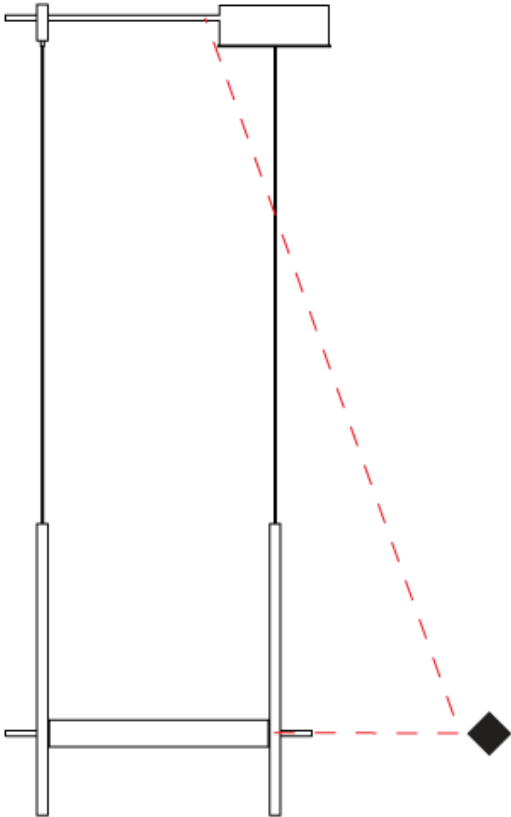
RATINGS AND CERTIFICATIONS

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

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MATRIX SUSPENSION

D1010083-

base number 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: Matrix
Partner: Quasar
Division: Design
Installation: Suspension
Product Type: Pendant
Mounting Location: Ceiling

PHYSICAL

Shape: Cylinder
Length (mm): 600
Length (in): 23 5/8
Width (mm): 35
Width (in): 13/8
Height (mm): 320
Height (in): 12 5/8
Max. Overall Height (mm): 2320
Max. Overall Height (in): 91 7/16
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal / Glass
Cable Details: 2,000mm/78 3/4" Transparent Cable

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 4.2
Total Output Wattage (W): 3.5
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): 24

LED

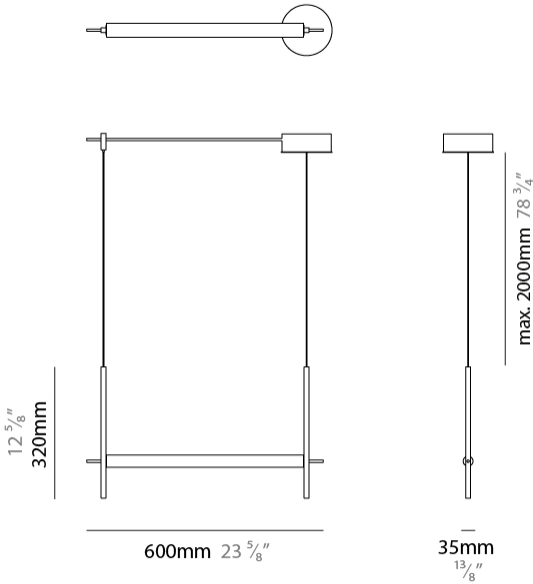
Color Temperature (°K): 2700
Max. Delivered Lumen (lm): 378
CRI: >95 CRI
Lamp Life (hrs): 50000

OPTICAL

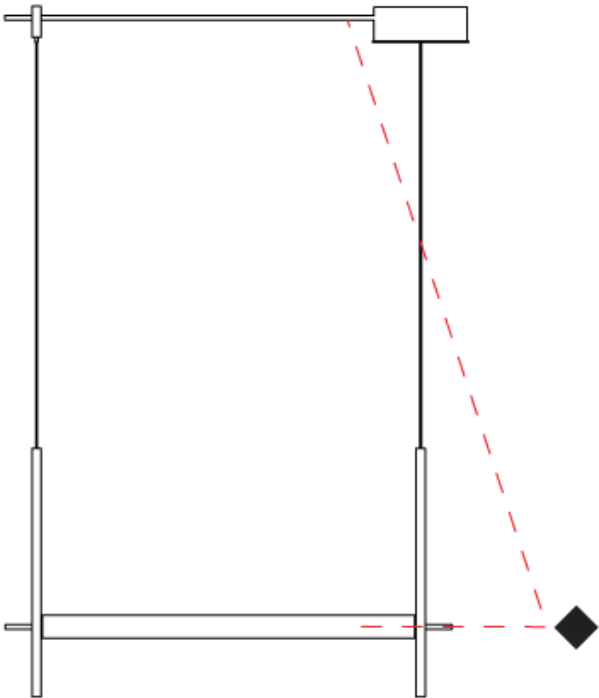
RATINGS AND CERTIFICATIONS

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MATRIX SUSPENSION

D1010084-

base number Finish Options

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

Series: Matrix
Partner: Quasar
Division: Design
Installation: Suspension
Product Type: Pendant
Mounting Location: Ceiling

PHYSICAL

Shape: Cylinder
Length (mm): 1050
Length (in): 41 5/16
Width (mm): 35
Width (in): 1 3/8
Height (mm): 320
Height (in): 12 5/8
Max. Overall Height (mm): 2320
Max. Overall Height (in): 91 5/16
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal / Glass
Cable Details: 2,000mm/78 3/4" Transparent Cable

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 9
Total Output Wattage (W): 7.6
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): 24

LED

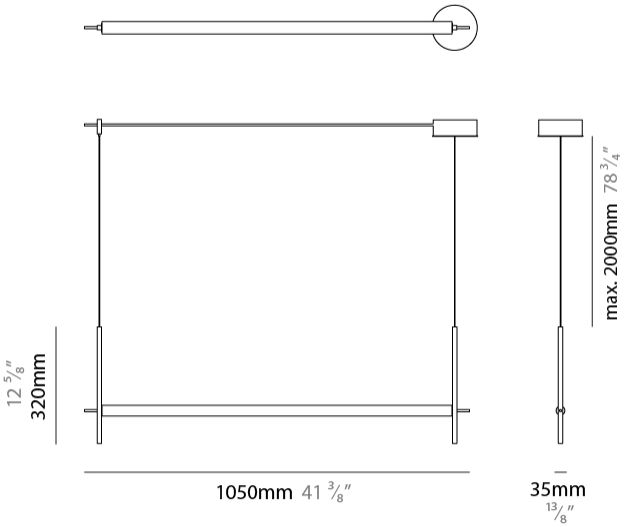
Color Temperature (°K): 2700
Max. Delivered Lumen (lm): 810
CRI: >95 CRI
Lamp Life (hrs): 50000

OPTICAL

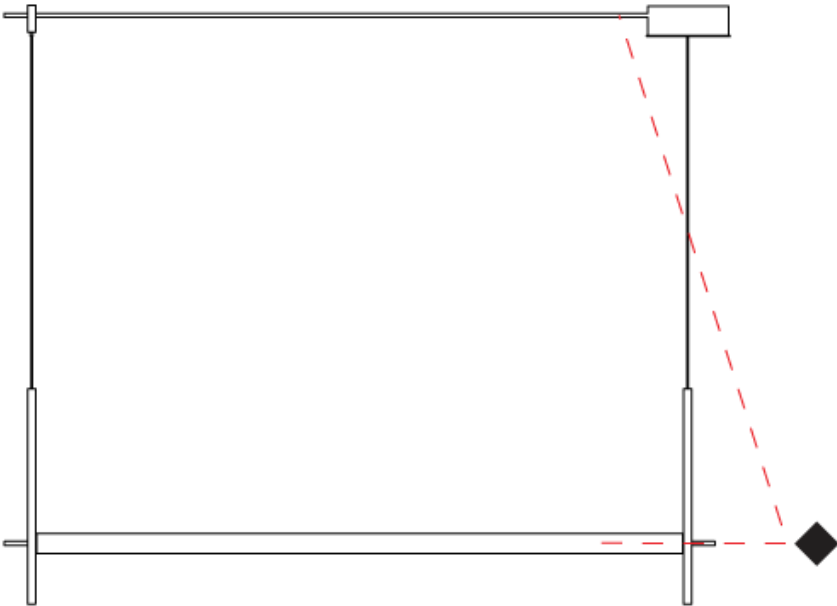
RATINGS AND CERTIFICATIONS

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MATRIX SUSPENSION

D1010085-

base number 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: Matrix
Partner: Quasar
Division: Design
Installation: Suspension
Product Type: Pendant
Mounting Location: Ceiling

PHYSICAL

Shape: Cylinder
Length (mm): 600
Length (in): 23 5/8
Width (mm): 35
Width (in): 1 3/8
Height (mm): 320
Height (in): 12 5/8
Max. Overall Height (mm): 2320
Max. Overall Height (in): 91 7/16
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal / Glass
Cable Details: 2,000mm/78 3/4" Transparent Cable

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 3.6
Total Output Wattage (W): 3
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): 24

LED

Color Temperature (°K): 2700
Max. Delivered Lumen (lm): 324
CRI: >95 CRI
Lamp Life (hrs): 50000

OPTICAL

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MATRIX SUSPENSION

D1010086-

base number 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: Matrix
Partner: Quasar
Division: Design
Installation: Suspension
Product Type: Pendant
Mounting Location: Ceiling

PHYSICAL

Shape: Cylinder
Length (mm): 1100
Length (in): 43 5/16
Width (mm): 35
Width (in): 1 3/8
Height (mm): 320
Height (in): 12 5/8
Max. Overall Height (mm): 2320
Max. Overall Height (in): 91 5/16
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal / Glass
Cable Details: 2,000mm/78 3/4" Transparent Cable

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 8.4
Total Output Wattage (W): 7.1
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): 24

LED

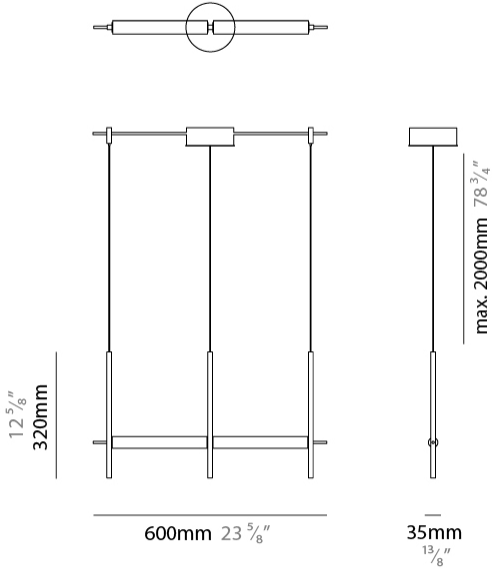
Color Temperature (°K): 2700
Max. Delivered Lumen (lm): 756
CRI: >95 CRI
Lamp Life (hrs): 50000

OPTICAL

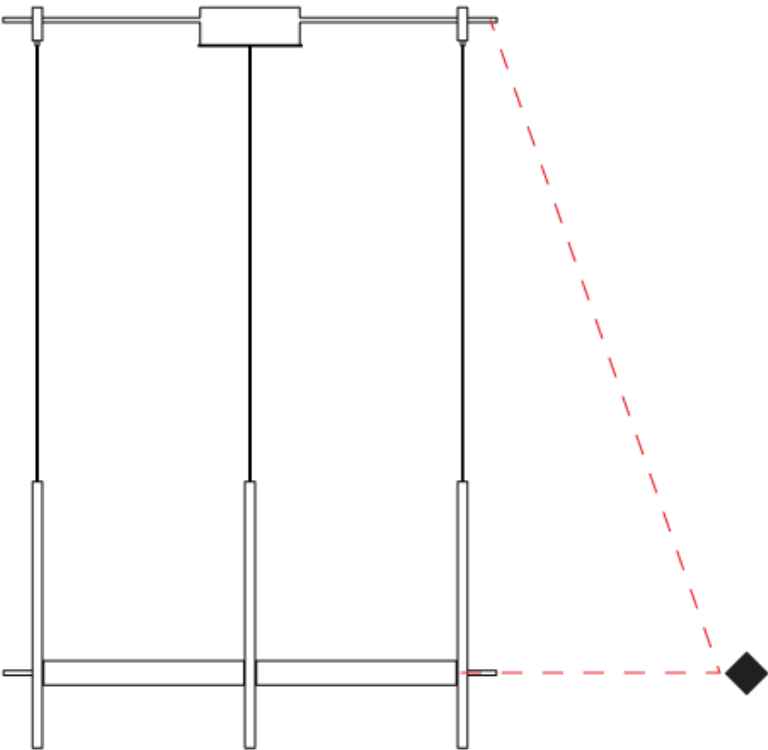
RATINGS AND CERTIFICATIONS

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MATRIX SURFACE

D103159-

base number 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: Matrix

Partner: Quasar

Division: Design

Installation: Surface

Product Type: Wall Surface

Mounting Location: Wall

PHYSICAL

Shape: Cylinder

Length (mm): 130

Length (in): 5 1/8

Width (mm): 110

Width (in): 4 3/16

Height (mm): 350

Height (in): 13 3/4

Fixture Finish: NIC / BRA / BBR

Fixture Material: Metal / Glass

Cable Details: 2,000mm/78 3/4" Transparent Cable

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 1.8

Total Output Wattage (W): 1.5

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): 24

LED

Color Temperature (°K): 2700

Max. Delivered Lumen (lm): 162

CRI: >95 CRI

Lamp Life (hrs): 50000

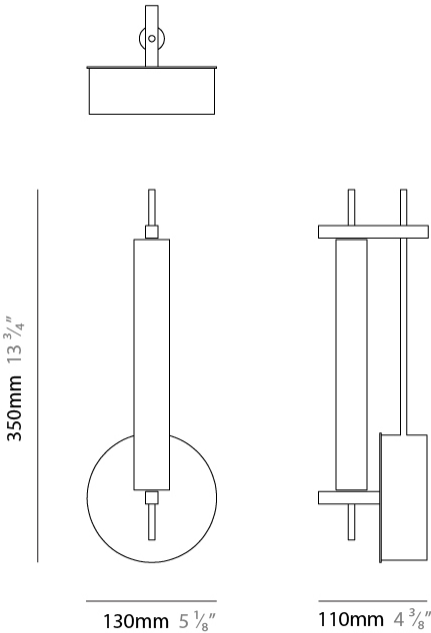
OPTICAL

RATINGS AND CERTIFICATIONS

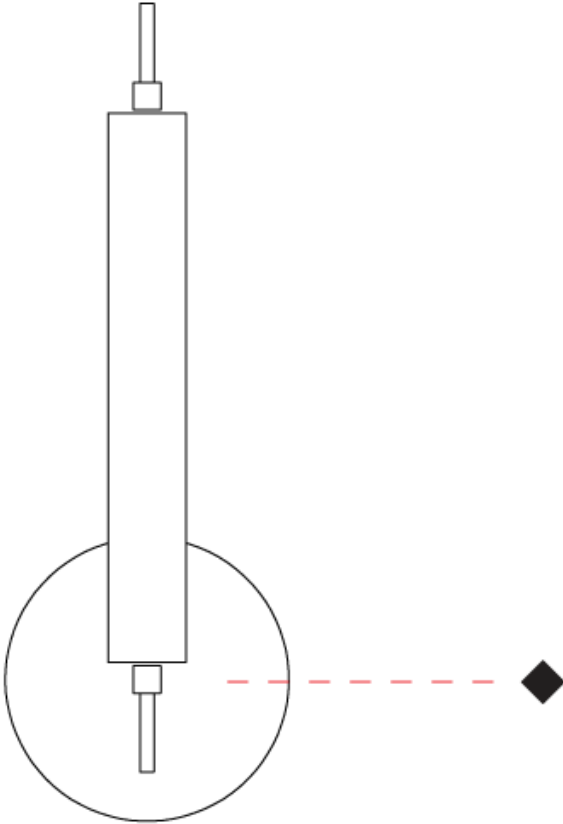
Certified By: Certified for North American Standards

IP rating: IP20

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MATRIX SURFACE

D103160-

base number 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: Matrix

Partner: Quasar

Division: Design

Installation: Surface

Product Type: Wall Surface

Mounting Location: Wall

PHYSICAL

Shape: Cylinder

Length (mm): 130

Length (in): 5 1/8

Width (mm): 110

Width (in): 4 3/16

Height (mm): 600

Height (in): 23 5/8

Fixture Finish: NIC / BRA / BBR

Fixture Material: Metal / Glass

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 4.2

Total Output Wattage (W): 3.6

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): 24

LED

Color Temperature (°K): 2700

Max. Delivered Lumen (lm): 378

CRI: >95 CRI

Lamp Life (hrs): 50000

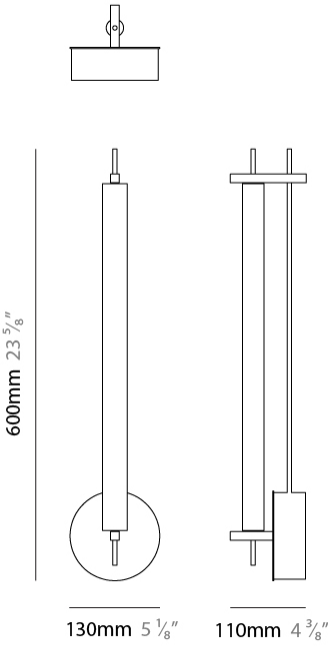
OPTICAL

RATINGS AND CERTIFICATIONS

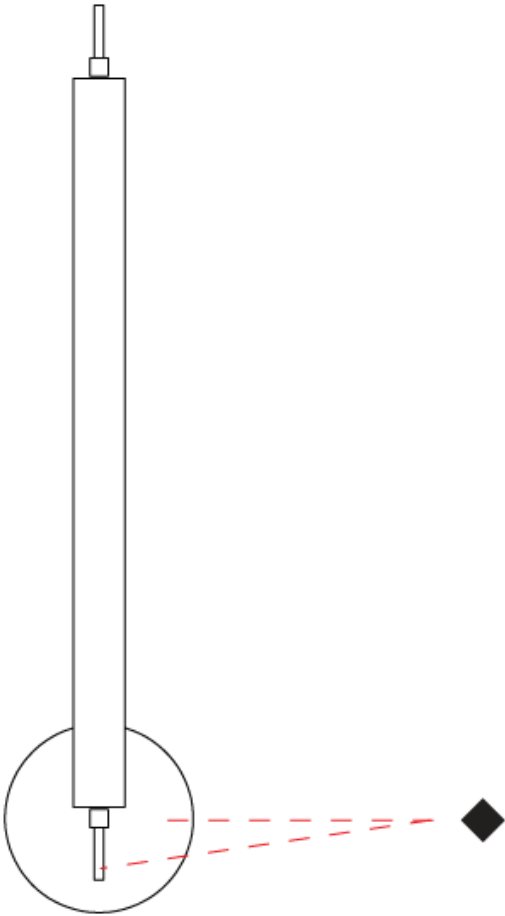
Certified By: Certified for North American Standards

IP rating: IP20

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MATRIX SURFACE

D103161-

base number 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: Matrix
Partner: Quasar
Division: Design
Installation: Surface
Product Type: Wall Surface
Mounting Location: Wall

PHYSICAL

Shape: Cylinder
Length (mm): 130
Length (in): 5 1/8
Width (mm): 110
Width (in): 4 3/8
Height (mm): 1100
Height (in): 43 1/4
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal / Glass

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 9
Total Output Wattage (W): 7.6
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): 24

LED

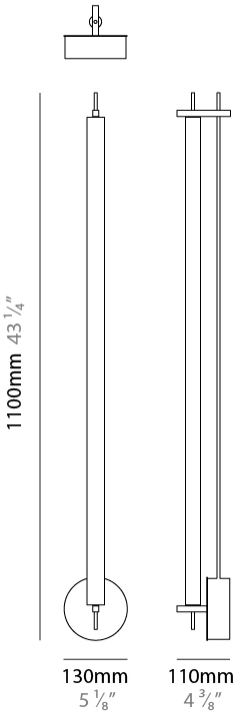
Color Temperature (°K): 2700
Max. Delivered Lumen (lm): 810
CRI: >95 CRI
Lamp Life (hrs): 50000

OPTICAL

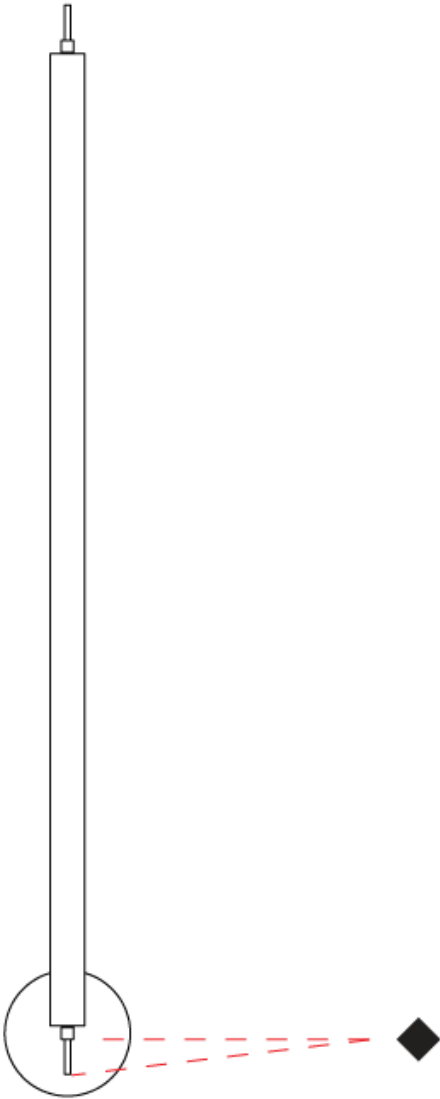
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
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MATRIX SURFACE

D103162-

base number 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: Matrix
Partner: Quasar
Division: Design
Installation: Surface
Product Type: Wall Surface
Mounting Location: Wall

PHYSICAL

Shape: Cylinder
Length (mm): 130
Length (in): 5 1/8
Width (mm): 110
Width (in): 4 3/8
Height (mm): 600
Height (in): 23 5/8
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal / Glass

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 3.6
Total Output Wattage (W): 3
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): 24

LED

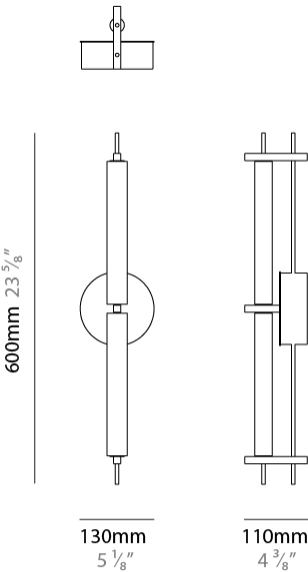
Color Temperature (°K): 2700
Max. Delivered Lumen (lm): 324
CRI: >95 CRI
Lamp Life (hrs): 50000

OPTICAL

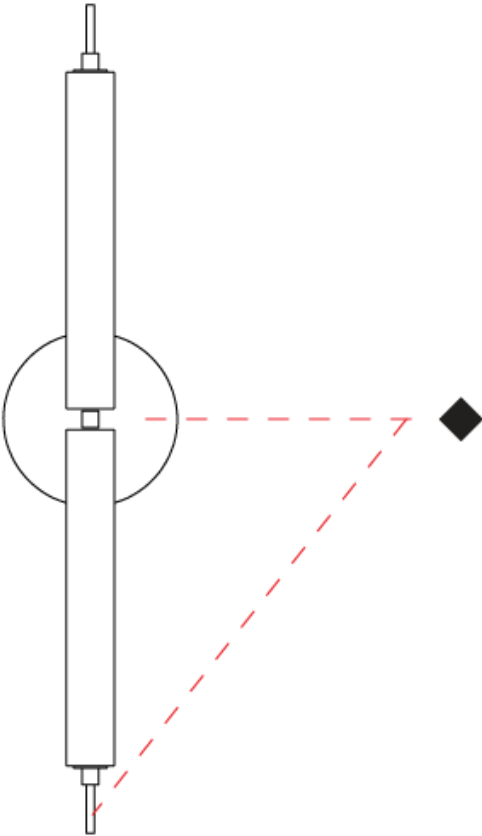
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MATRIX SURFACE

D103163-

base number Finish Options

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

Series: Matrix
Partner: Quasar
Division: Design
Installation: Surface
Product Type: Wall Surface
Mounting Location: Wall

PHYSICAL

Shape: Cylinder
Length (mm): 130
Length (in): 5 1/8
Width (mm): 110
Width (in): 4 3/16
Height (mm): 1100
Height (in): 43 11/16
Fixture Finish: NIC / BRA / BBR
Fixture Material: Metal / Glass

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 8.4
Total Output Wattage (W): 7.1
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): 24

LED

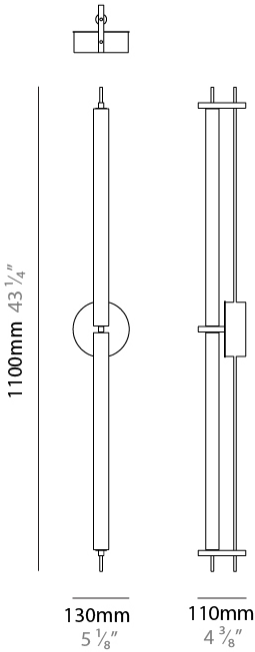
Color Temperature (°K): 2700
Max. Delivered Lumen (lm): 756
CRI: >95 CRI
Lamp Life (hrs): 50000

OPTICAL

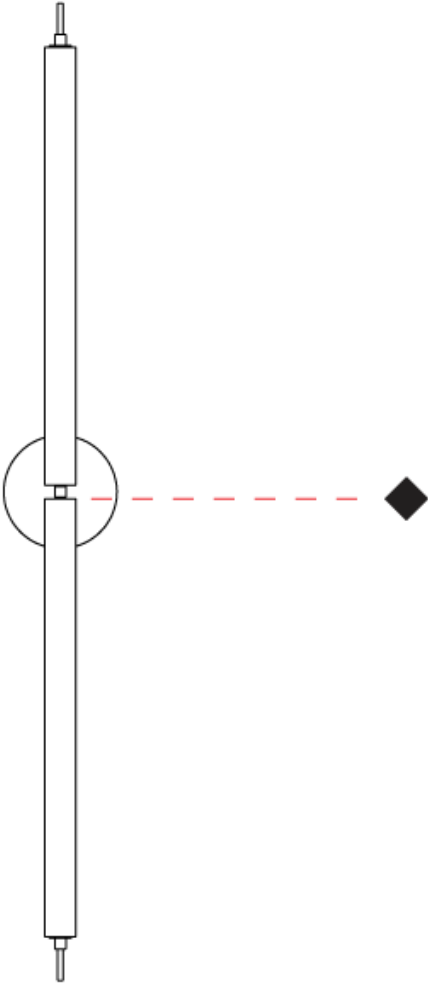
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Fixture Finish

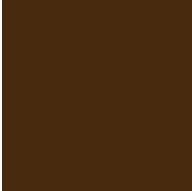
Nickel - NIC



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
	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 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)