ZANEEN®

FORMALA SURFACE

D32010-
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: Formala
Brand: Cini & Nils
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wall Effect

PHYSICAL

Shape: Curves
Length (mm): 1280
Length (in): 50 3/8
Width (mm): 40
Width (in): 1 9/16
Extension (mm): 65
Extension (in): 2 9/16
Light Distribution: Indirect
Fixture Finish: SSB / SSW
Fixture Material: Steel / Technopolymers

ELECTRICAL

Lamp Type: LED
Total Output Wattage (W): 24
Dimming: Phase Dimming (120Vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - 120Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
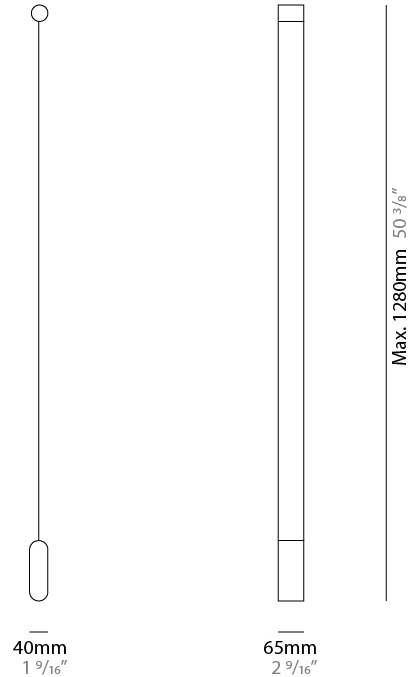Upon Request: Remote: 0-10Vdc dimming / Non-dimming 120/277Vac

LED

Number of LEDs: 1 Strip
Color Temperature (°K): 2700
Nominal Lumen (lm): 2200
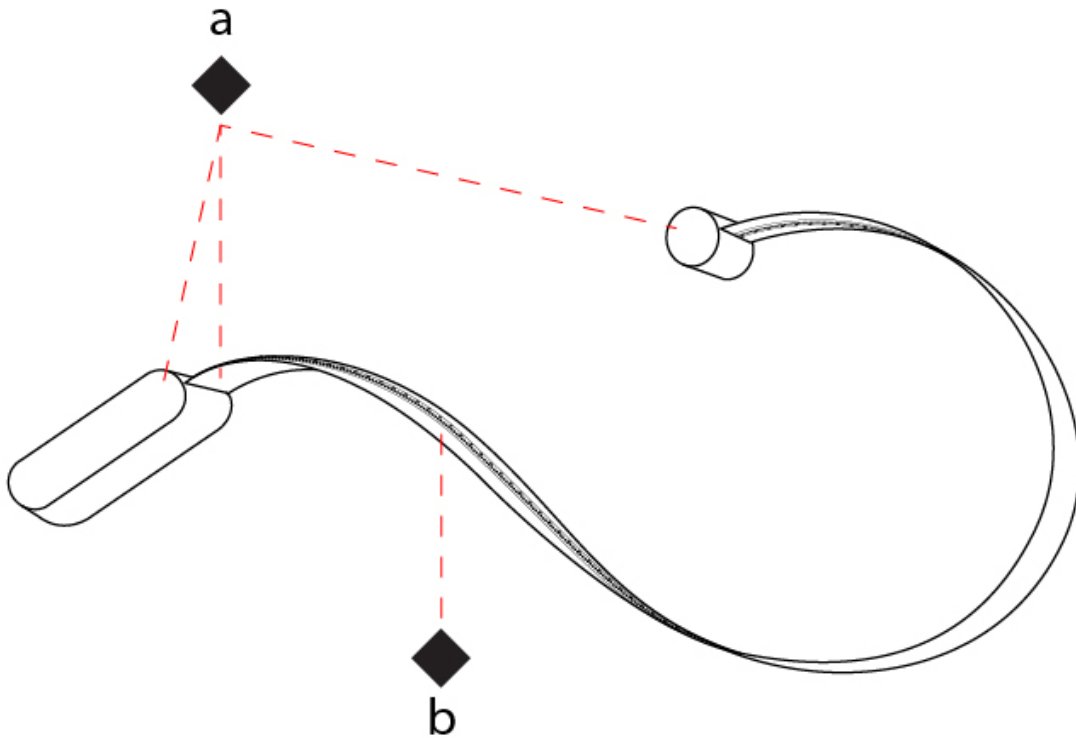CRI: >80 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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

Max. 1280mm   50 3/8"

40mm
1 9/16"

65mm
2 9/16"

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FORMALA SURFACE

D32010-

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FORMALA SURFACE

D32011-

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: Formala
Brand: Cini & Nils
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wall Effect

PHYSICAL

Shape: Curves
Length (mm): 2400
Length (in): 94 ½
Width (mm): 40
Width (in): 1 9/16
Extension (mm): 65
Extension (in): 2 9/16
Light Distribution: Indirect
Fixture Finish: SSB / SSW
Fixture Material: Steel / Technopolymers

ELECTRICAL

Lamp Type: LED
Total Output Wattage (W): 48
Dimming: Phase Dimming (120Vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - 120Vac
Driver Class: Class 2
Input Voltage (V): 120
Output Voltage (V): 24
Upon Request: Remote: 0-10Vdc dimming / Non-dimming 120/277Vac

LED

Number of LEDs: 2 strips
Color Temperature (°K): 2700
Nominal Lumen (lm): 4400
CRI: >80 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS
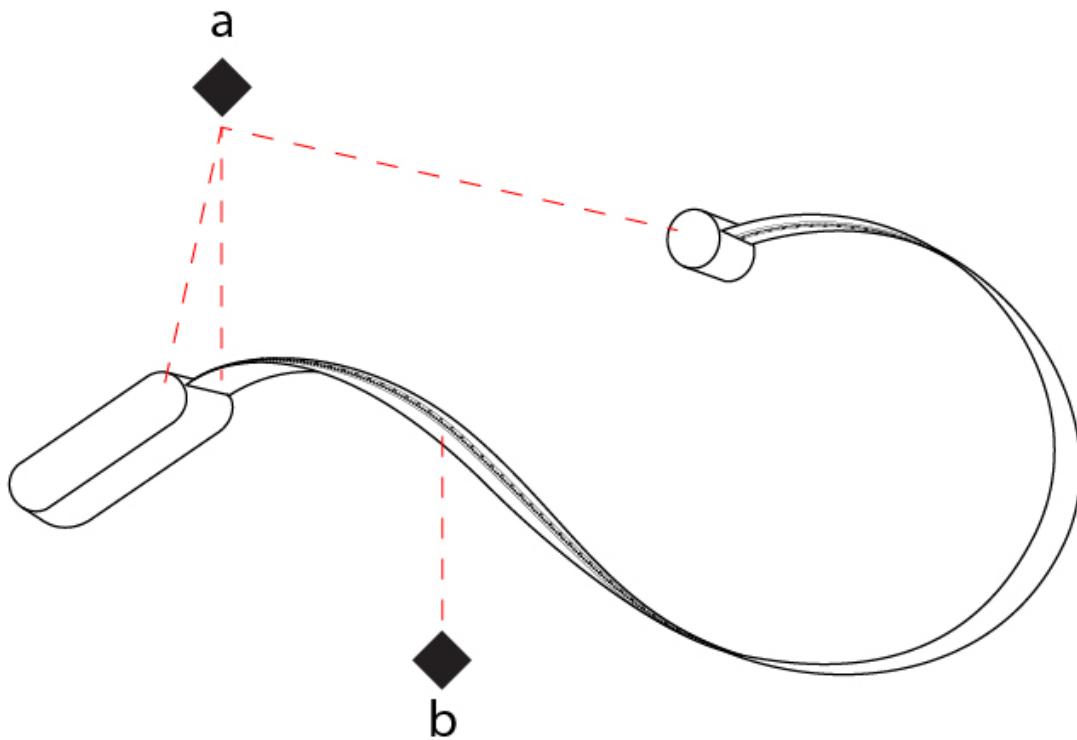
Certified By: Certified for North American Standards
IP rating: IP20

Max. 2400mm 94 ½"

40mm
1 9/16"

65mm
2 9/16"

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FORMALA SURFACE

D32011-

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FORMALA SURFACE

D32012-_____

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: Formala
Brand: Cini & Nils
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wall Effect

PHYSICAL

Shape: Curves
Length (mm): 1160
Length (in): 45 $\frac{11}{16}$
Width (mm): 40
Width (in): 1 $\frac{9}{16}$
Extension (mm): 65
Extension (in): 2 $\frac{9}{16}$
Light Distribution: Indirect
Fixture Finish: SSB / SSW
Fixture Material: Steel / Technopolymers

ELECTRICAL

Lamp Type: LED
Total Output Wattage (W): 24
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - 120 / 277Vac
Driver Class: Class 2
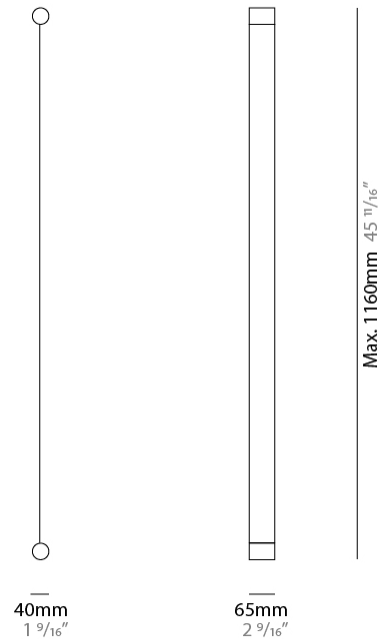Input Voltage (V): 120 - 277
Output Voltage (V): 24

LED

Number of LEDs: 1 Strip
Color Temperature (°K): 2700
Nominal Lumen (lm): 2200
CRI: >80 CRI
Lamp Life (hrs): 50000

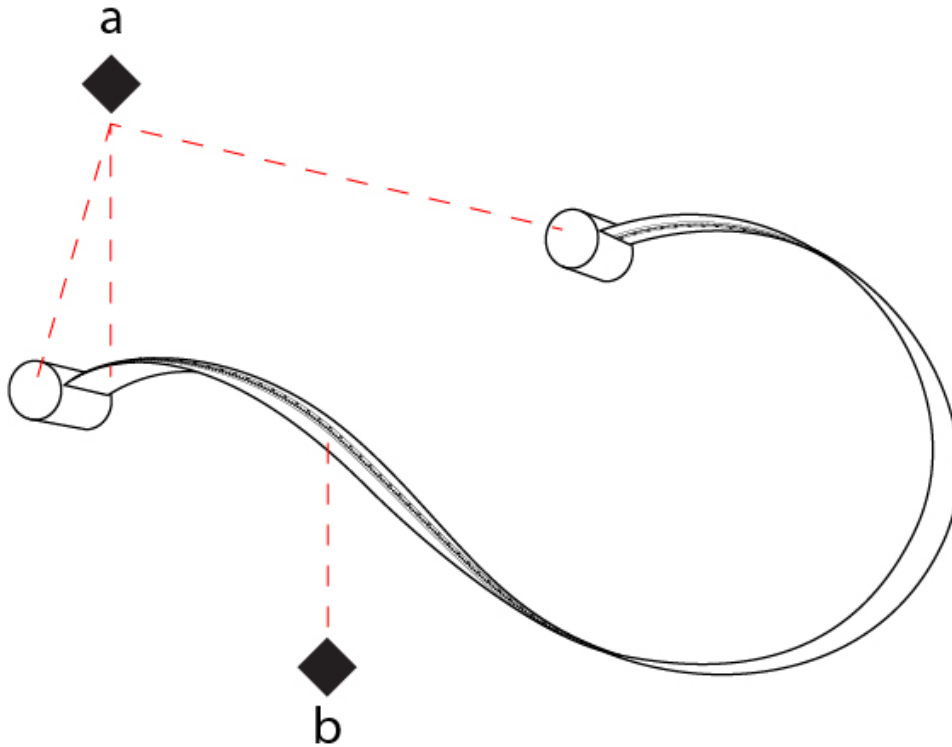**OPTICAL**

RATINGS AND CERTIFICATIONS

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

Max. 1160mm 45 $\frac{11}{16}$"

40mm
1 $\frac{9}{16}$"

65mm
2 $\frac{9}{16}$"

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FORMALA SURFACE

D32012-

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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

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FORMALA SURFACE

D32013-_____

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: Formala
Brand: Cini & Nils
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wall Effect

PHYSICAL

Shape: Curves
Length (mm): 2270
Length (in): 89 ⅜
Width (mm): 40
Width (in): 1 ⁹⁄₁₆
Extension (mm): 65
Extension (in): 2 ⁹⁄₁₆
Light Distribution: Indirect
Fixture Finish: SSB / SSW
Fixture Material: Steel / Technopolymers

ELECTRICAL

Lamp Type: LED
Total Output Wattage (W): 48
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - 120 / 277Vac
Driver Class: Class 2
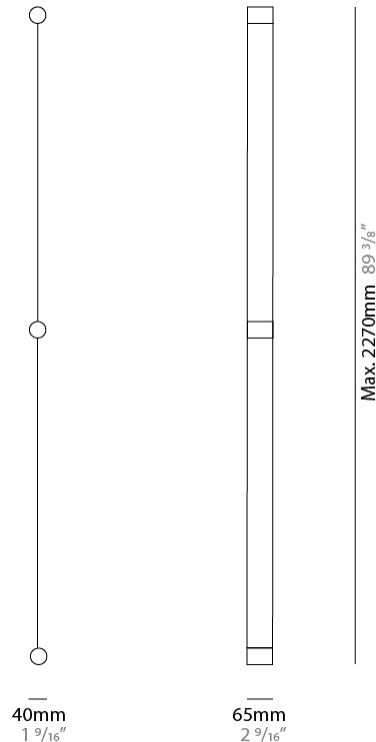Input Voltage (V): 120 - 277
Output Voltage (V): 24

LED

Number of LEDs: 2 Strips
Color Temperature (°K): 2700
Nominal Lumen (lm): 2x2200
CRI: >80 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

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

Max. 2270mm 89 ³⁄₈"

40mm
1 ⁹⁄₁₆"

65mm
2 ⁹⁄₁₆"

D

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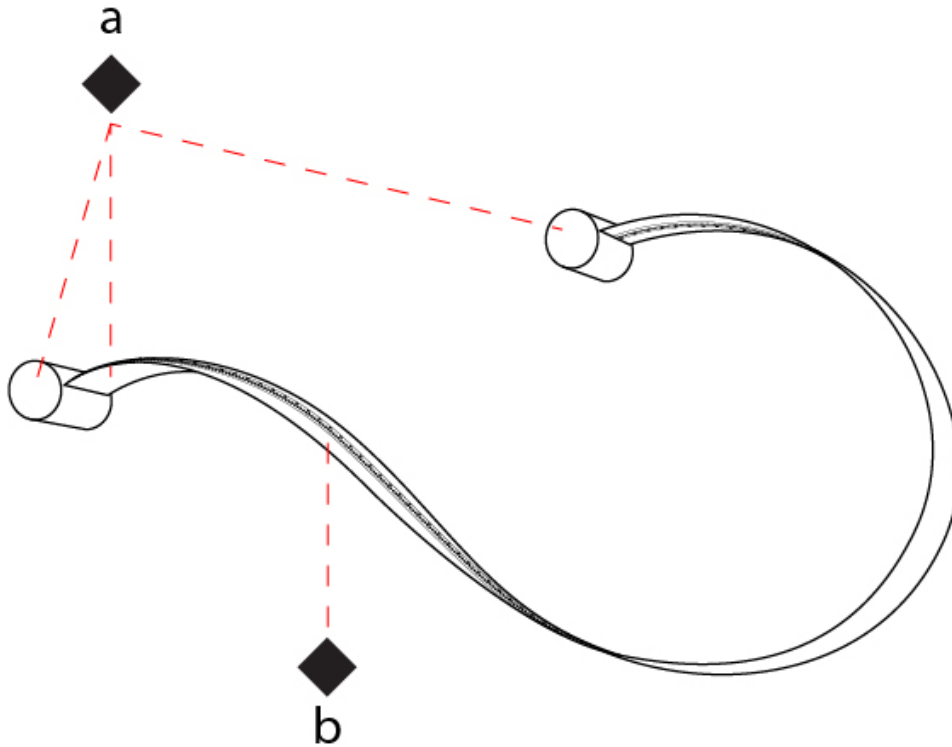
FORMALA SURFACE

D32014-
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: Formala

Brand: Cini & Nils

Division: Design

Mounting Type: Surface

Mounting Location: Wall

Subcategory: Wall Effect

PHYSICAL

Shape: Curves

Length (mm): 3390

Length (in): 133 $\frac{7}{16}$

Width (mm): 40

Width (in): 1 $\frac{9}{16}$

Extension (mm): 65

Extension (in): 2 $\frac{9}{16}$

Light Distribution: Indirect

Fixture Finish: SSB / SSW

Fixture Material: Steel / Technopolymers

ELECTRICAL

Lamp Type: LED

Total Output Wattage (W): 72

Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming

Driver Included: No

Driver Location: Remote

Driver Type: Constant Voltage - 120 / 277Vac

Driver Class: Class 2

Input Voltage (V): 120 - 277

Output Voltage (V): 24

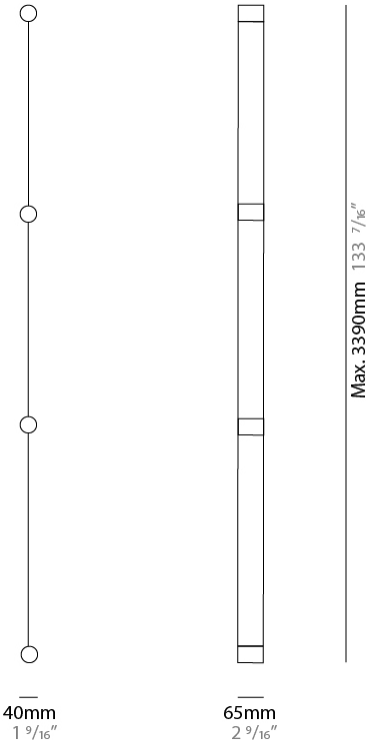**LED**

Number of LEDs: 3 Strips

Color Temperature (°K): 2700

Nominal Lumen (lm): 3 x 2200

CRI: >80 CRI

Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

40mm
1 $\frac{9}{16}$"

65mm
2 $\frac{9}{16}$"

Max. 3390mm 133 $\frac{7}{16}$"

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D32014-

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FORMALA SURFACE

D32015-

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: Formala

Brand: Cini & Nils

Division: Design

Mounting Type: Surface

Mounting Location: Wall

Subcategory: Wall Effect

PHYSICAL

Shape: Curves

Length (mm): 4510

Length (in): 177 $^9/_{16}$

Width (mm): 40

Width (in): 1 $^9/_{16}$

Extension (mm): 65

Extension (in): 2 $^9/_{16}$

Light Distribution: Indirect

Fixture Finish: SSB / SSW

Fixture Material: Steel / Technopolymers

ELECTRICAL

Lamp Type: LED

Total Output Wattage (W): 96

Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming

Driver Included: No

Driver Location: Remote

Driver Type: Constant Voltage - 120 / 277Vac

Driver Class: Class 2

Input Voltage (V): 120 - 277

Output Voltage (V): 24

LED

Number of LEDs: 4 Strips

Color Temperature (°K): 2700

Nominal Lumen (lm): 4x2200
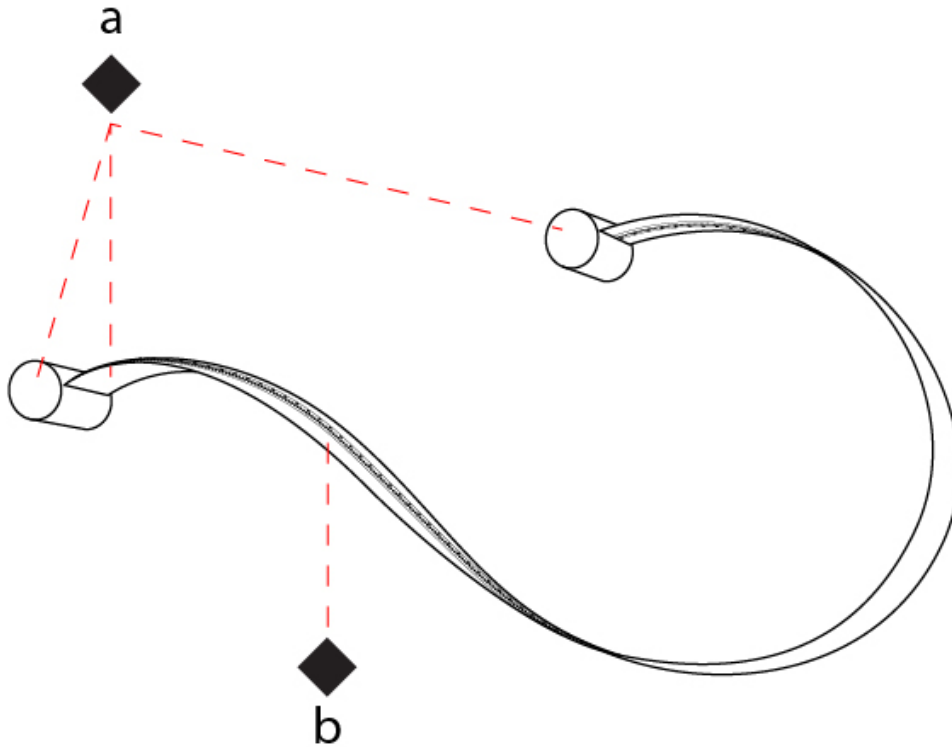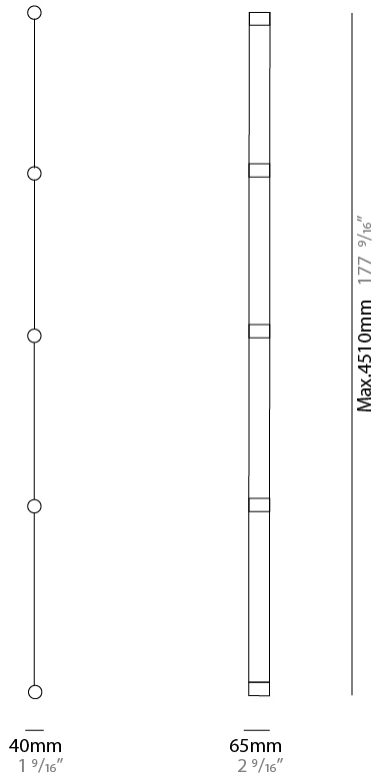
CRI: >80 CRI

Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

40mm
1 $^9/_{16}$"

65mm
2 $^9/_{16}$"

Max.4510mm 177 $^9/_{16}$"

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FORMALA SURFACE

D32015-

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FORMALA
COLOR FINISH CHART
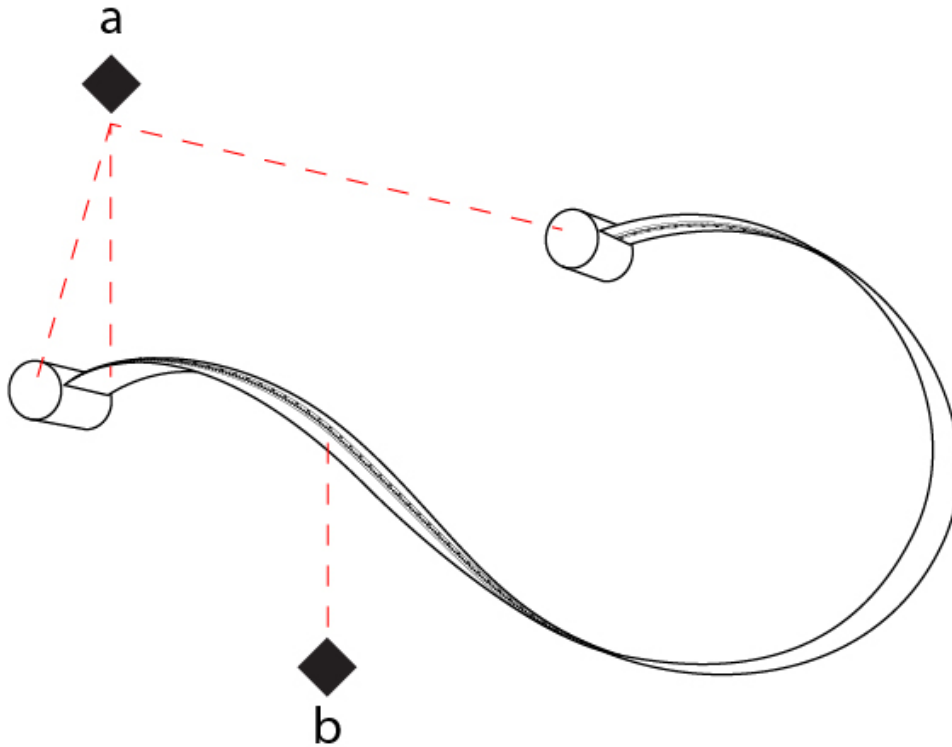
Fixture Finish

Satin Steel/Black - SSB

Satin Steel/White - SSW

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.

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FORMALA

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		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

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)