

## FORMALA SURFACE

### D32010-

base number            Finish             
Options           

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

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

#### PHYSICAL

Shape: Curves  
 Length (mm): 1280  
 Length (in): 50 <sup>3</sup>/<sub>8</sub>  
 Width (mm): 40  
 Width (in): 1 <sup>9</sup>/<sub>16</sub>  
 Extension (mm): 65  
 Extension (in): 2 <sup>9</sup>/<sub>16</sub>  
 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

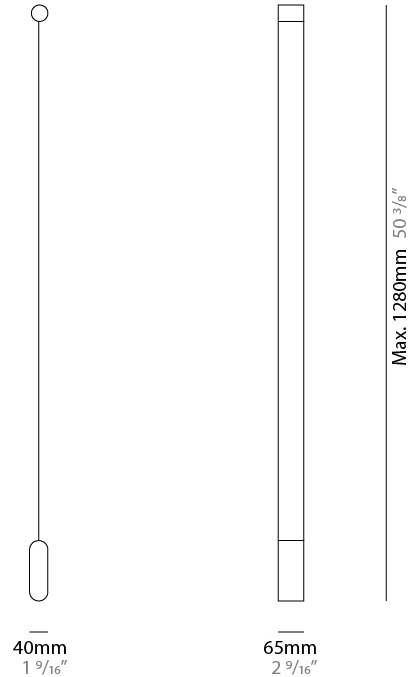
#### LED

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



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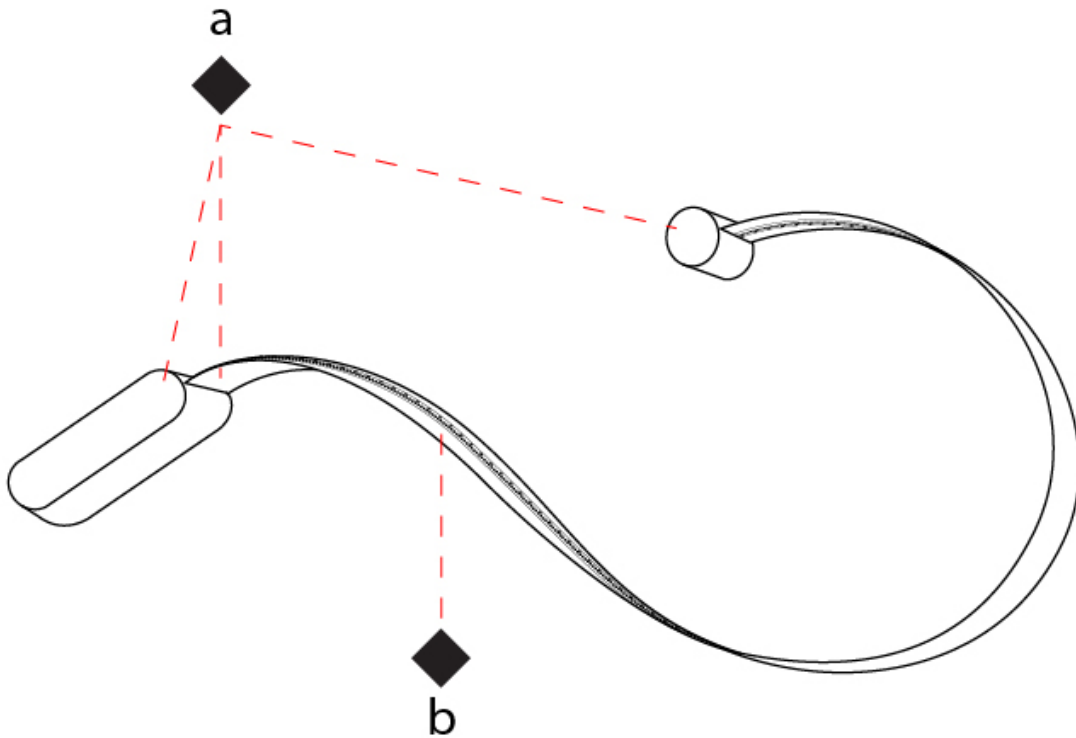
PROJECT

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DATE



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## FORMALA SURFACE

### D32011-

base number Finish  
Options

- To build a product code in our configurator select the specify button on the base model # product page
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#### 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 1/2  
 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

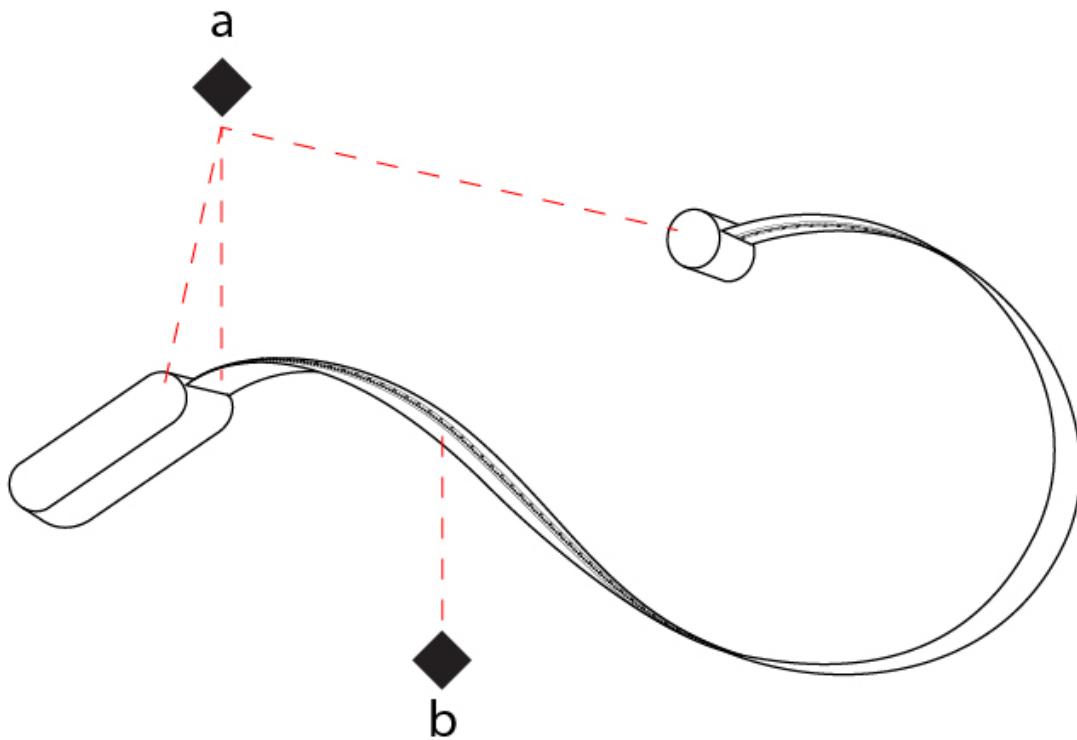
Certified By: Certified for North American Standards  
 IP rating: IP20

PROJECT
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PROJECT	_____
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## FORMALA SURFACE

### D32012-

base number            Finish             
Options           

- To build a product code in our configurator select the specify button on the base model # product page
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#### 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 <sup>11</sup>/<sub>16</sub>             
 Width (mm): 40             
 Width (in): 1 <sup>9</sup>/<sub>16</sub>             
 Extension (mm): 65             
 Extension (in): 2 <sup>9</sup>/<sub>16</sub>             
 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           

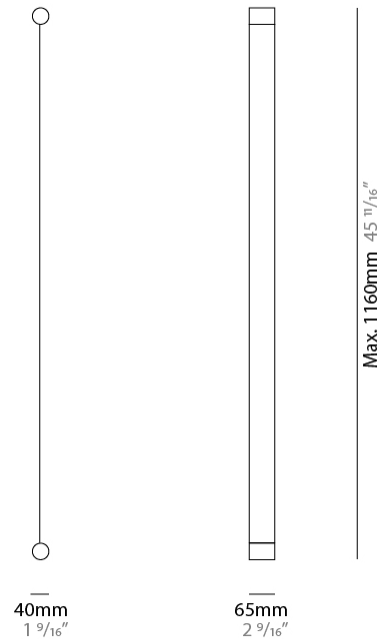
#### LED

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

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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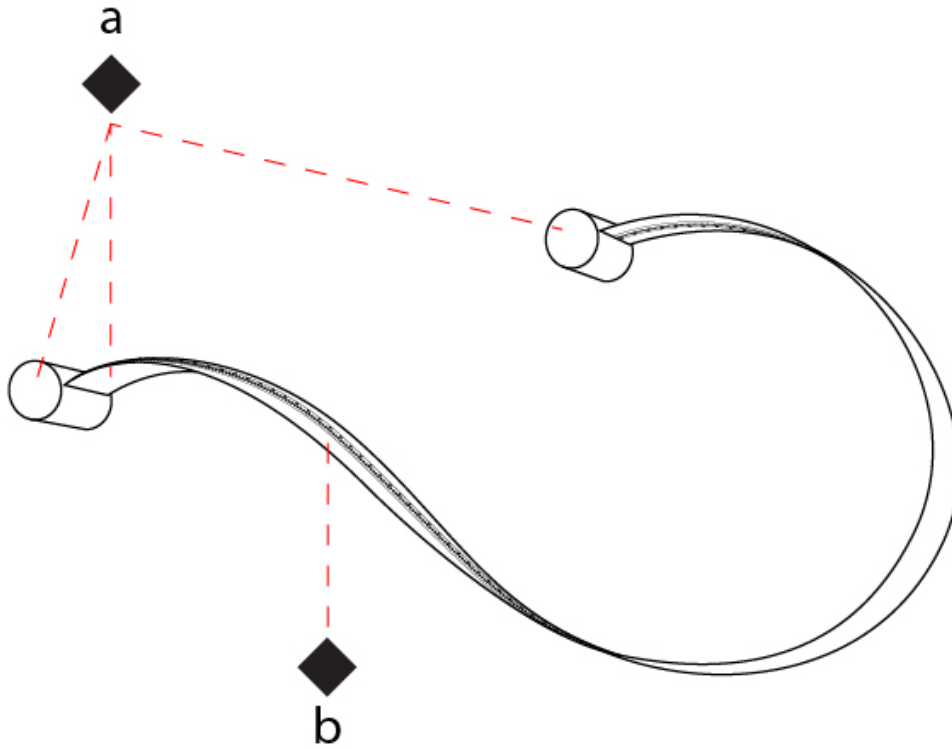
PROJECT

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## FORMALA SURFACE

### D32013-

base number            Finish             
Options           

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#### 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 <sup>3</sup>/<sub>8</sub>  
 Width (mm): 40  
 Width (in): 1 <sup>9</sup>/<sub>16</sub>  
 Extension (mm): 65  
 Extension (in): 2 <sup>9</sup>/<sub>16</sub>  
 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

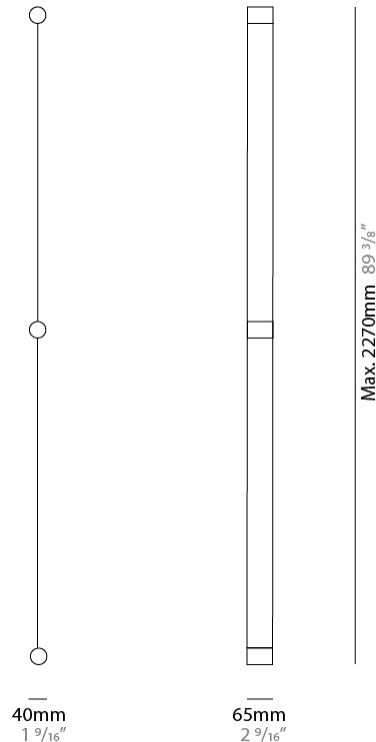
#### LED

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

#### OPTICAL

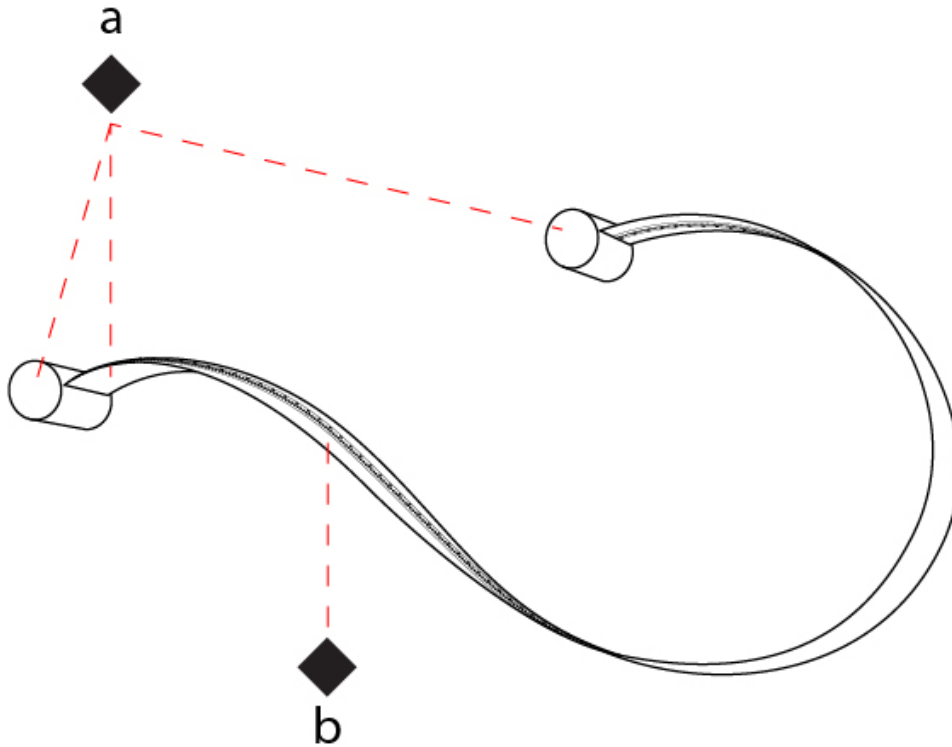
#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
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## FORMALA SURFACE

### D32014-

base number Finish  
Options

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- To build a product code in our configurator select the specify button on the base model # product page
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#### 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 7/16  
 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): 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

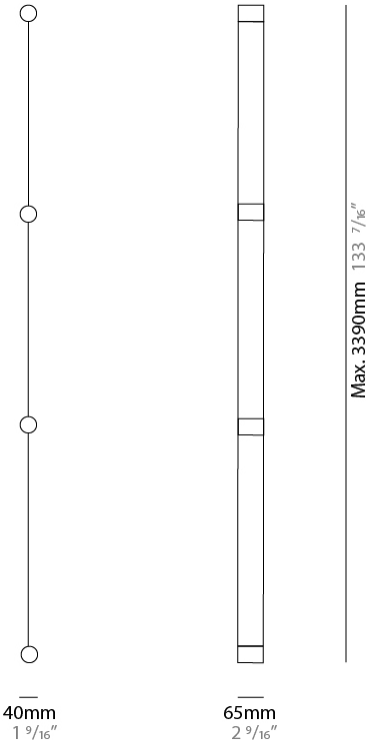
#### LED

Number of LEDs: 3 Strips  
 Color Temperature (°K): 2700  
 Nominal Lumen (lm): 3 x 2200  
 CRI: >80 CRI  
 Lamp Life (hrs): 50000

#### OPTICAL

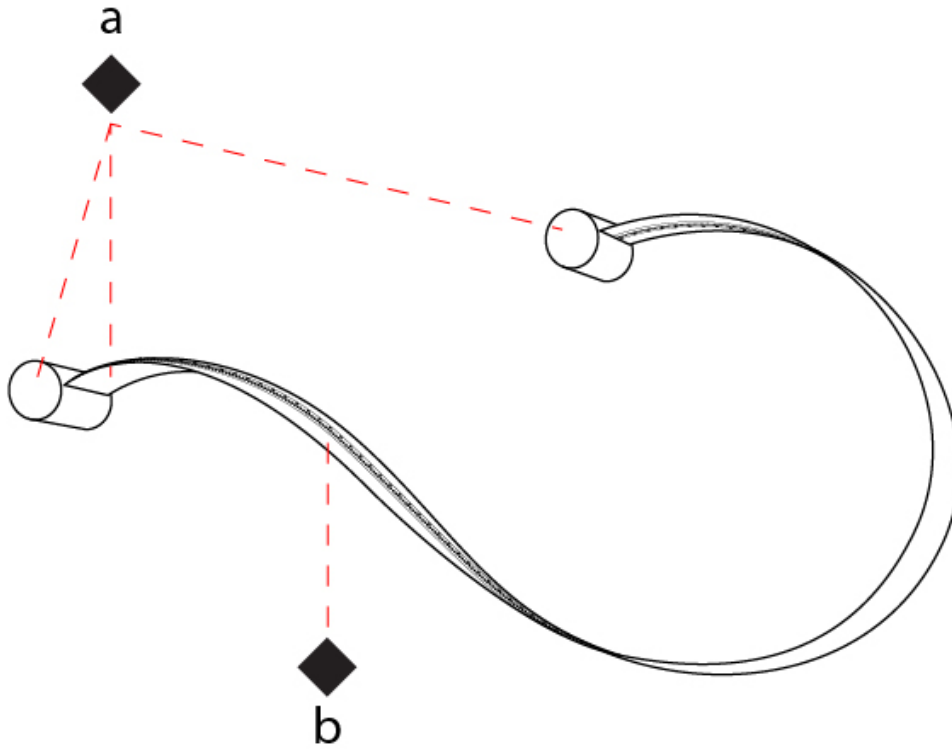
#### RATINGS AND CERTIFICATIONS

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 IP rating: IP20



D32014-

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## FORMALA SURFACE

### D32015-

base number            Finish             
Options           

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

- To build a product code in our configurator select the specify button on the base model # product page
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#### 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 <sup>9</sup>/<sub>16</sub> \_\_\_\_\_  
 Width (mm): 40 \_\_\_\_\_  
 Width (in): 1 <sup>9</sup>/<sub>16</sub> \_\_\_\_\_  
 Extension (mm): 65 \_\_\_\_\_  
 Extension (in): 2 <sup>9</sup>/<sub>16</sub> \_\_\_\_\_  
 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 \_\_\_\_\_

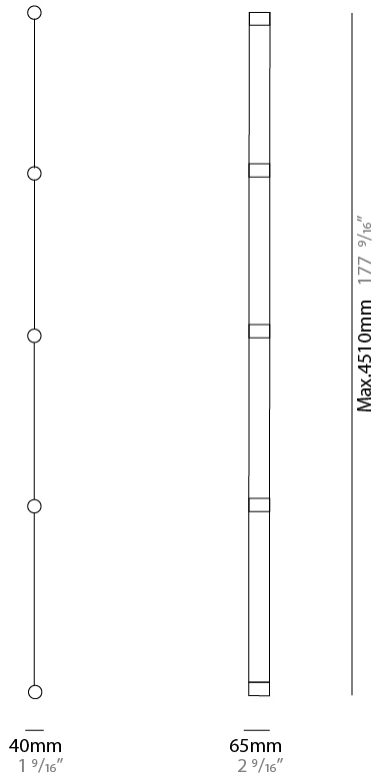
#### LED

Number of LEDs: 4 Strips \_\_\_\_\_  
 Color Temperature (°K): 2700 \_\_\_\_\_  
 Nominal Lumen (lm): 4x2200 \_\_\_\_\_  
 CRI: >80 CRI \_\_\_\_\_  
 Lamp Life (hrs): 50000 \_\_\_\_\_

#### OPTICAL

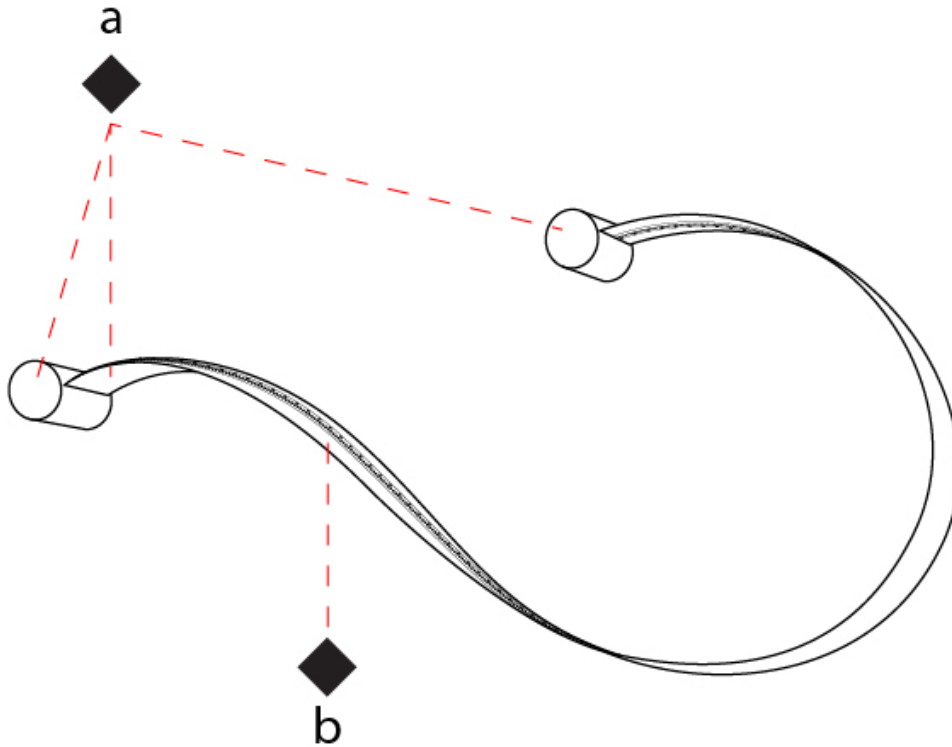
#### RATINGS AND CERTIFICATIONS

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 IP rating: IP20 \_\_\_\_\_



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### 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.



### 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)