# **FORMALA SURFACE**

#### D32012-

Finish Options 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: Formala
Brand: Cini & Nils
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wall Effect
PHYSICAL
Shape: Curves
Length (mm): 1160
Length (in): 45 $^{11}/_{16}$
Width (mm): 40
Width (in): 1 %_16
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

Input Voltage (V): 120 - 277 Output Voltage (V): 24

#### LED

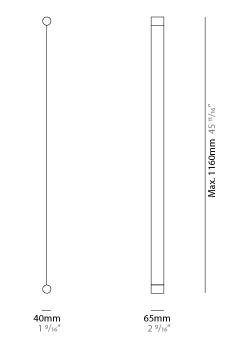
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

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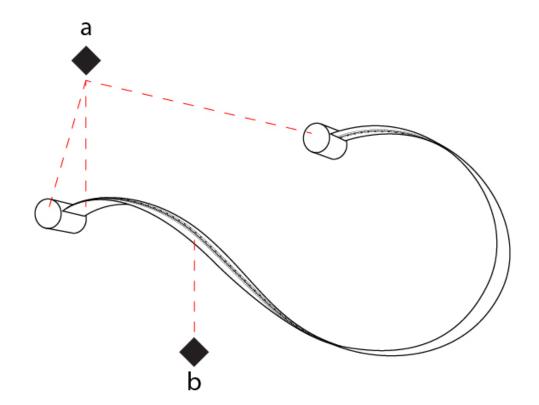
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# **FORMALA SURFACE**

#### 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

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 %_16	
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	

#### LED

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

#### OPTICAL

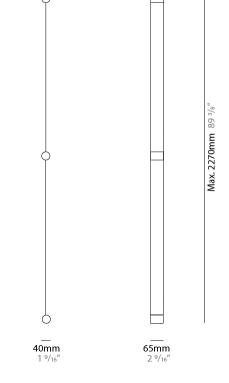
#### RATINGS AND CERTIFICATIONS

Input Voltage (V): 120 - 277 Output Voltage (V): 24

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

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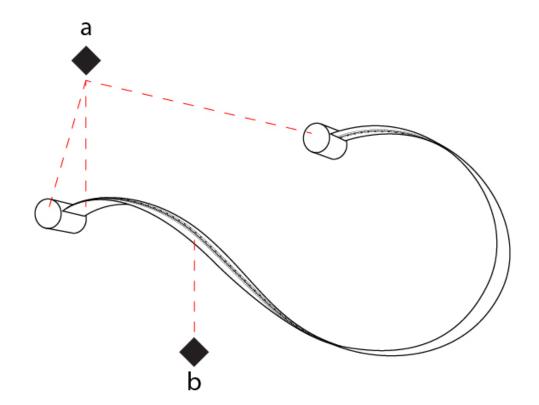
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# **FORMALA SURFACE**

### 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 <sup>7</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): 72	
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming	
Driver Included: No	
Driver Location: Remote	
Driver Type: Constant Voltage - 120 / 277Vac	

Driver Type: Constant Voltage - 120 / 277Vac	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Output Voltage (V): 24	
LED	

Number	r of LEDs: 3 Strips	
Color Te	emperature (°K): 2700	
Nomina	l Lumen (lm): 3 x 2200	
CRI: >80	CRI	
Lamp Li	fe (hrs): 50000	
Nomina CRI: >80	l Lumen (lm): 3 x 2200 CRI	

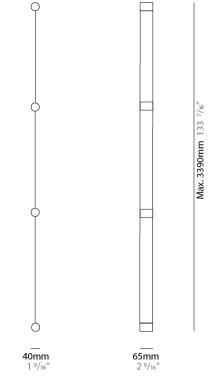
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

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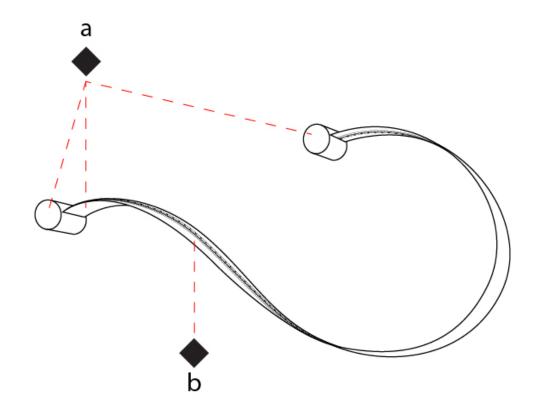
May 30, 2024, 7:44 am



D32014-

PROJECT

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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

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 %_16
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

#### LED

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

#### OPTICAL

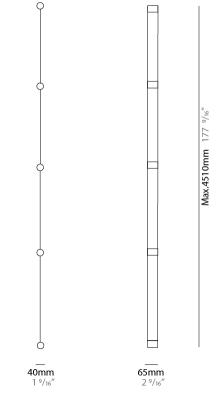
#### RATINGS AND CERTIFICATIONS

Input Voltage (V): 120 - 277 Output Voltage (V): 24

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

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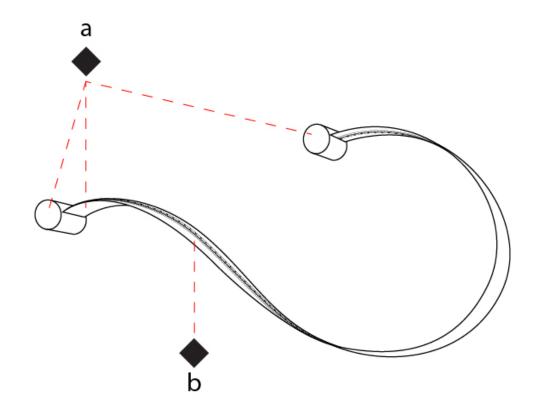
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Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.



### FORMALA COLOR FINISH CHART

PROJECT

#### **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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# **ZANEEN**.

# FORMALA

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE

### LEGEND

↓	floor-mounted	¥	pivotable	$\circledast$	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
フ	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
Î	ceiling-mounted and wall-mounted	Œ	illuminate tilted	Ø	rechargeable battery powered
$\rightarrow$	wall-mounted	Р	color of suspension cable	1111 1140	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	<b>←</b>	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	<b>°К</b>	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	$\mathbf{X}$	lens	₩.	efficacy (lumens per watt)
	asymmetric light distribution	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	318	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	$\odot$	integrated shine ring with diffuser	٢	walk on
5	square wall or ceiling cut-out	Ċ	free individual colors 01-29	۲	drive on
d d	the supplied jig specifies the cutout dimensions	Ū.	individual colors: 00 (free of charge), 01-25 (extra charge)	<b>B</b> SC	Dark Sky Compliance
(++) M++	minimum distance (meters) lamp - object	۲	luminaire part to be colored (F1)	Ġ	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
1	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)	ۥ	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
<b>4</b>	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
γ	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
シリ	sensor	D	direct diffuser	c (UL) us	UL Certified to UL and CSA Standards
	remote control	$\odot$	ball-proof (upon request)	SP:	CSA Certified to UL and CSA Standards
2	available upon request	0	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**

КО1	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)
КОЗ	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)
КО5	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
КОб	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)
КОВ	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
1609	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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