

#### 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 <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

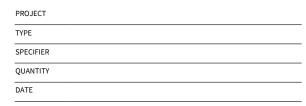
# LED

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

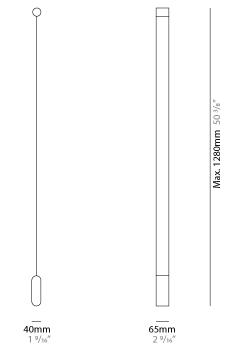
## OPTICAL

#### **RATINGS AND CERTIFICATIONS**

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



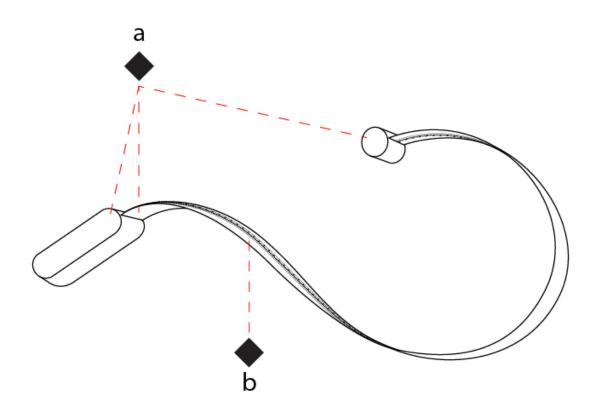








D32010-







#### D32011-

base number

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

Subcategory: Wall Effect
PHYSICAL
Shape: Curves
Length (mm): 2400
Length (in): 94 ½
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

# LED

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

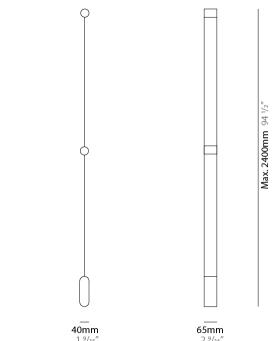
## OPTICAL

#### **RATINGS AND CERTIFICATIONS**

Certified By	y: Certified for North American Standards	
IP rating: IP	20	



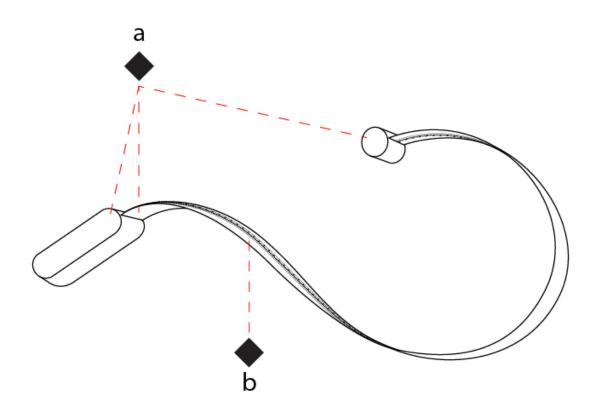








D32011-







#### D32012-

base number

Options

1.To build a product code in	our configurator	select the specif	y button or
the base model # product po	age		

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

<del></del>
Series: Formala
Brand: Cini & Nils
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wall Effect

Mounting Location: Watt
Subcategory: Wall Effect
PHYSICAL
Shape: Curves
Length (mm): 1160
Length (in): 45 11/ <sub>16</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): 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

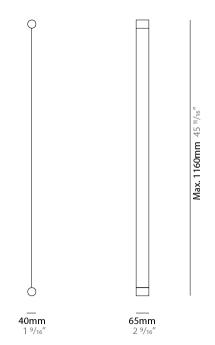
## RATINGS AND CERTIFICATIONS

 $\underline{\hbox{Certified By: Certified for North American Standards}}$ 

IP rating: IP20



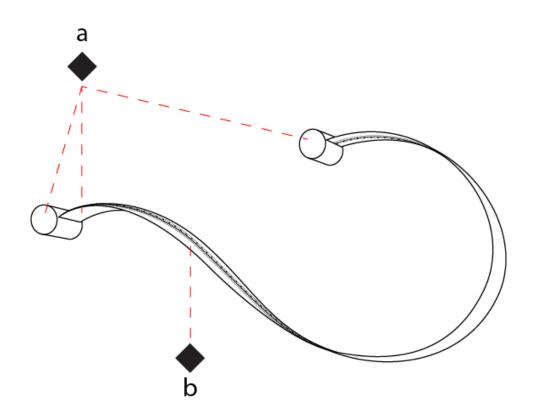








D32012-







#### D32013-

base number

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 #

	-		
Series: I	Formala		
Brand: 0	Cini & Nils		
Division	ı: Design		
Mountir	ng Type: Surface		
Mountir	ng Location: Wall		
Subcate	egory: Wall Effect		

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 \( \frac{9}{16} \)
Light Distribution: Indirect
Fixture Finish: SSB / SSW
Fixture Material: Steel / Technopolymers
ELECTRICAL

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

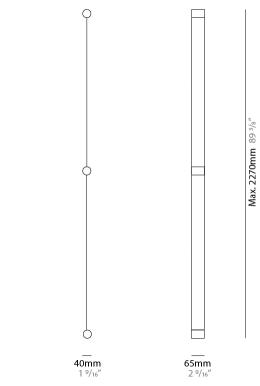
#### OPTICAL

## RATINGS AND CERTIFICATIONS

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

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		

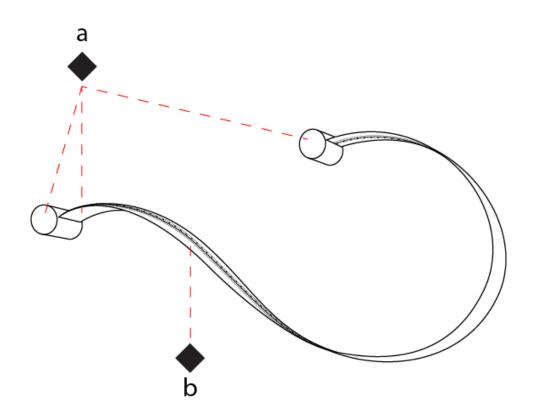








D32013-







#### D32014-

base number

Finish Options

1.To build a produc	ct code in our	configurator	select the	specify	button o	1
the base model # p	roduct 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	
Subsatagona Wall Effoct	

PHYSICAL	
Shape: Curves	
Length (mm): 3390	
Length (in): 133 7/16	
Width (mm): 40	
Width (in): 1 %,6	
Extension (mm): 65	
Extension (in): 2 % 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	

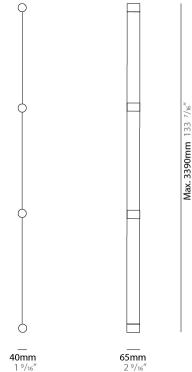
#### OPTICAL

## RATINGS AND CERTIFICATIONS

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

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		

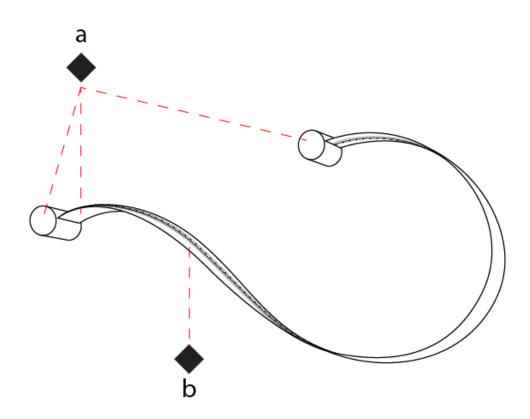








D32014-







#### D32015-

base number

Options

1.To build a product code in our configurator select the specify b	outton	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

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

Subcategory: Wall Effect
PHYSICAL
Shape: Curves
Length (mm): 4510
Length (in): 177 % 16
Width (mm): 40
Width (in): 1 % 16
Extension (mm): 65
Extension (in): 2 ½
Light Distribution: Indirect
Fixture Finish: SSB / SSW
Fixture Material: Steel / Technopolymers
ELECTRICAL

#### **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

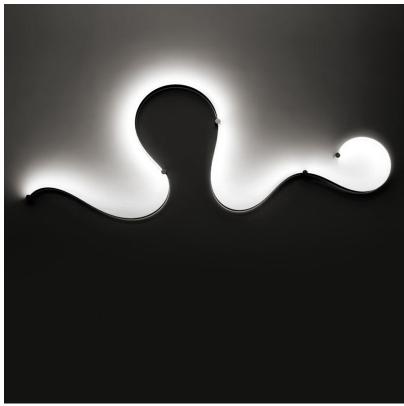
#### OPTICAL

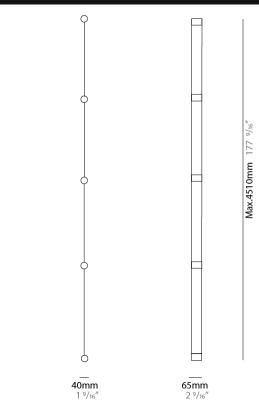
## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		

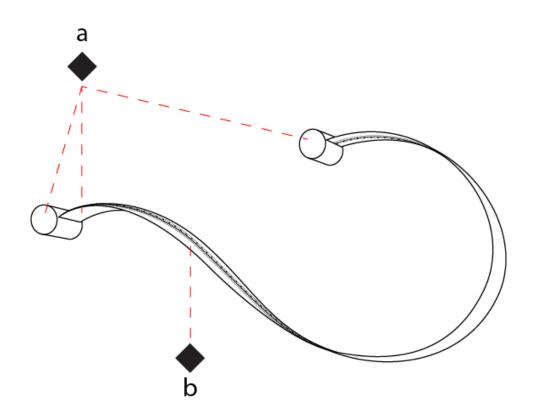








D32015-







# **FORMALA**

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

#### **Fixture Finish**





**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.





# **FORMALA**

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		

# **LEGEND**

<u></u>	floor-mounted	¥	pivotable	*	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
刁	wall and ceiling: recessed and surface mounted	S	rotating	0	warm dim / natural dimming LED
$\overline{\uparrow}$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable	ill THOS	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	↓ l	length of suspension cable	CRI	color rendering index
$\dot{\Delta}$	direct light distribution	Δ	reflector degree selection	(K)	color temperature
	direct/indirect light distribution	s s	super spot	(LM)	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	30	walk on
$\Box$	square wall or ceiling cut-out		free individual colors 01-29	<b>②</b>	drive on
4	the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
<b>□</b> +,+	minimum distance (meters) lamp - object	<b>•</b>	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\pm}$	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
1	ceiling thickness selection		luminaire part to be colored (F4)	<b>(</b> )	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
<u></u>	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	$\odot$	indirect diffuser	. <b>(1)</b>	ETL Certified to UL and CSA Standards
<b>9</b>	sensor	O	direct diffuser	շ <b>(Մ</b> ) տ	UL Certified to UL and CSA Standards
	remote control	1	ball-proof (upon request)	<b>(1)</b>	CSA Certified to UL and CSA Standards
9	available upon request	0	accessory	<b>Z</b> )	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**

above the surface)

IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
<b>ІКОЗ</b>	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)
1K06	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) $$
IKOB	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)

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

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm