

#### D141135-

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: Oscura	
Subseries: Oscura - Monopoint	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

mounting Typer ouspension
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Round
Diameter (mm): 140
Diameter (in): 5 ½
Height (mm): 160
Height (in): 6 <sup>5</sup> / <sub>16</sub>
Max. Overall Height (mm): 1660
Max. Overall Height (in): 65 3/8
Light Distribution: Omnidirectional
Weight (kg): 0.51
Weight (lbs): 1.12
Fixture Finish: AMB / BLK / BRZ / GLD / GRN / PNK / RGD / RUB / SKB / SMK / STE / TOB / TRA
Holder Finish: CHR

ELECTRICAL
Number of Lamps: 1
Lamp Type: LED Retrofit
Bulb Included: Bulb Not Included
Max. Wattage Per Lamp (W): 4
Lamp Base: G9
Input Voltage (V): 120

#### LED

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

Fixture Material: Glass / Metal Cable Details: 1500mm cable

Certified By: Certified for North American Standards

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SPECIFIER	
QUANTITY	
DATE	



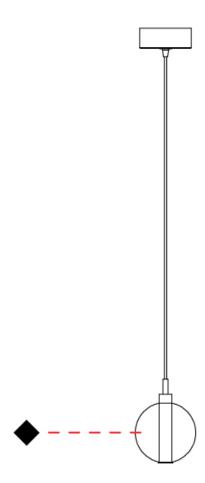






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# **OSCURA - 3 LIGHT CLUSTER SUSPENSION**

#### D141137-

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: Oscura	
Subseries: Oscura - 3 Light Cluster	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Round
Diameter (mm): 270
Diameter (in): 10 ½
Height (mm): 160
Height (in): 6 <sup>5</sup> / <sub>16</sub>
Max. Overall Height (mm): 1660
Max. Overall Height (in): 65 3/8
Light Distribution: Omnidirectional
Weight (kg): 2.25
Weight (lbs): 4.96
Fixture Finish: AMB / BLK / BRZ / GLD / GRN / PNK / RGD / RUB / SKB /
SMK / STE / TOB / TRA
Holder Finish: PSS
Fixture Material: Glass / Metal

ELECTRICAL
Number of Lamps: 3
Lamp Type: LED Retrofit
Bulb Included: Bulb Not Included
Total Output Wattage (W): 12
Max. Wattage Per Lamp (W): 4
Lamp Base: G9
Input Voltage (V): 120

#### LED

# OPTICAL

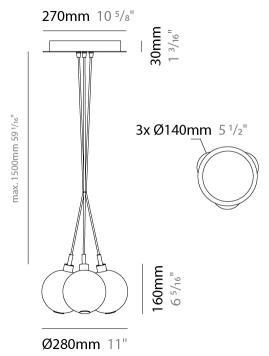
# RATINGS AND CERTIFICATIONS

Cable Details: 1500mm cable

Certified By: Certified for North American Standards







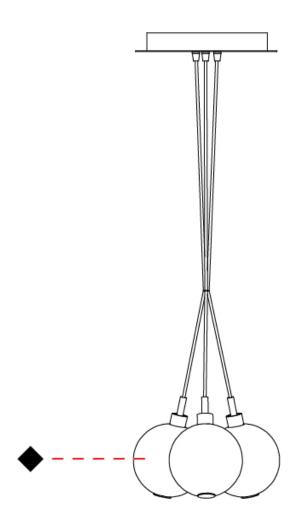




# **OSCURA - 3 LIGHT CLUSTER SUSPENSION**

D141137-

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# **OSCURA - 7 LIGHT CLUSTER SUSPENSION**

#### D141138-

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: Oscura	
Subseries: Oscura - 7 Light Cluster	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Round
Diameter (mm): 430
Diameter (in): 16 <sup>15</sup> / <sub>16</sub>
Height (mm): 160
Height (in): 6 <sup>5</sup> / <sub>16</sub>
Max. Overall Height (mm): 1660
Max. Overall Height (in): 65 ⅓
Light Distribution: Omnidirectional
Weight (kg): 4
Weight (lbs): 8.82
Fixture Finish: AMB / BLK / BRZ / GLD / GRN / PNK / RGD / RUB / SKB / SMK / STE / TOB / TRA
Holder Finish: PSS
Fixture Material: Glass / Metal

ELECTRICAL
Number of Lamps: 7
Lamp Type: LED Retrofit
Bulb Included: Bulb Not Included
Total Output Wattage (W): 28
Max. Wattage Per Lamp (W): 4
Lamp Base: G9
Input Voltage (V): 120

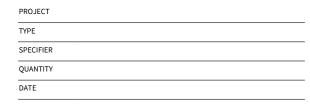
#### LED

# OPTICAL

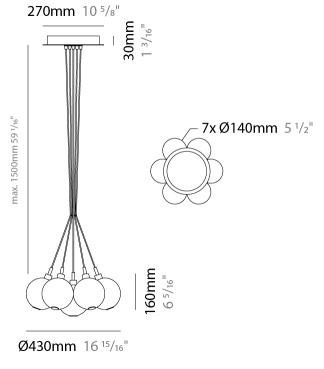
# RATINGS AND CERTIFICATIONS

Cable Details: 1500mm cable

Certified By: Certified for North American Standards







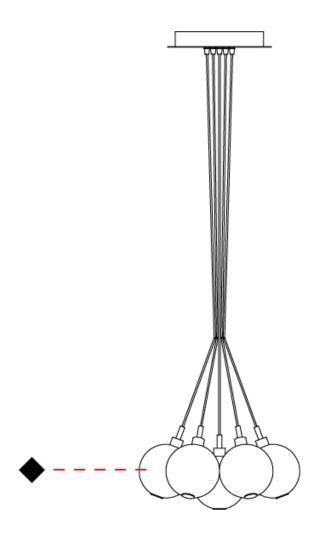




# **OSCURA - 7 LIGHT CLUSTER SUSPENSION**

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# **OSCURA - 19 LIGHT CLUSTER SUSPENSION**

#### D141139-

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: Oscura
Subseries: Oscura - 19 Light Cluster
Brand: Cangini & Tucci
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Round
Diameter (mm): 720
Diameter (in): 28 3/8
Height (mm): 160
Height (in): 5 1/8
Max. Overall Height (mm): 2660
Max. Overall Height (in): 64 15/16
Light Distribution: Omnidirectional
Weight (kg): 9.5
Weight (lbs): 20.94
Fixture Finish: AMB / BLK / BRZ / GLD / GRN / PNK / RGD / RUB / SKB /
SMK / STE / TOB / TRA
Holder Finish: PSS
Fixture Material: Glass / Metal

Cable Details: 2500mm cable

ELECTRICAL
Number of Lamps: 19
Lamp Type: LED Retrofit
Bulb Included: Bulb Not Included
Total Output Wattage (W): 76
Max. Wattage Per Lamp (W): 4
Lamp Base: G9
Input Voltage (V): 120

#### LED

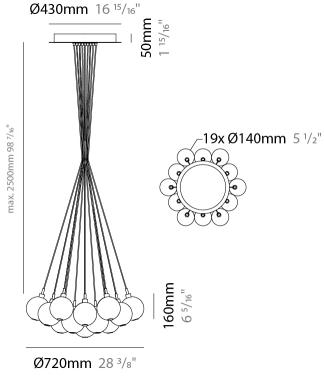
#### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

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# **OSCURA - 19 LIGHT CLUSTER SUSPENSION**

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# **OSCURA - 37 LIGHT CLUSTER SUSPENSION**

#### D141140-

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: Oscura	
Subseries: Oscura - 37 Light Cluster	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Round
Diameter (mm): 1000
Diameter (in): 39 3/8
Height (mm): 160
Height (in): $5\frac{7}{8}$
Max. Overall Height (mm): 2660
Max. Overall Height (in): 64 15/16
Light Distribution: Omnidirectional
Weight (kg): 18.20
Weight (lbs): 40.12
Fixture Finish: AMB / BLK / BRZ / GLD / GRN / PNK / RGD / RUB / SKB /
SMK/STE/TOB/TRA
Holder Finish: PSS
Fixture Material: Glass / Metal

ELECTRICAL
Number of Lamps: 37
Lamp Type: LED Retrofit
Bulb Included: Bulb Not Included
Total Output Wattage (W): 148
Max. Wattage Per Lamp (W): 4
Lamp Base: G9
Input Voltage (V): 120

#### LED

# OPTICAL

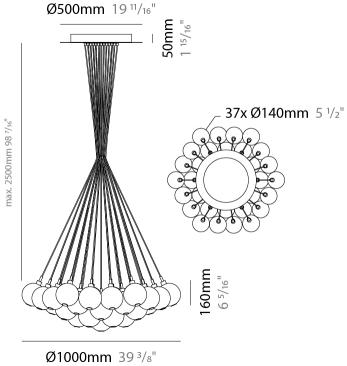
#### RATINGS AND CERTIFICATIONS

Cable Details: 2500mm cable

Certified By: Certified for North American Standards







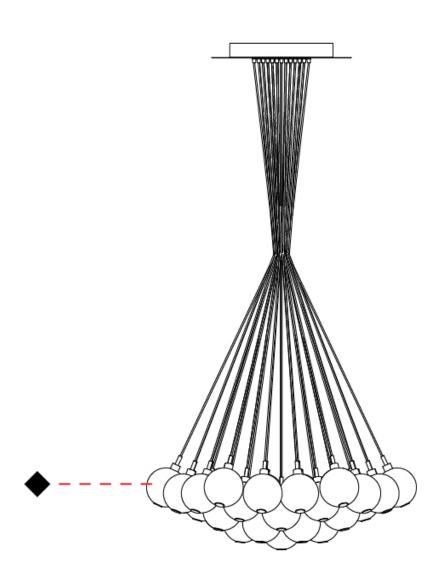




# **OSCURA - 37 LIGHT CLUSTER SUSPENSION**

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# **OSCURA - 3 LIGHT MULTIPLE SUSPENSION**

#### D141141-

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: Oscura	
Subseries: Oscura - 3 Light Multiple	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Round
Diameter (mm): 270
Diameter (in): 10 ½
Height (mm): 160
Height (in): 5 1/8
Max. Overall Height (mm): 1660
Max. Overall Height (in): 64 15/16
Light Distribution: Omnidirectional
Weight (kg): 2.2
Weight (lbs): 4.85
Fixture Finish: AMB / BLK / BRZ / GLD / GRN / PNK / RGD / RUB / SKB /
SMK/STE/TOB/TRA
Holder Finish: PSS
Fixture Material: Glass / Metal

ELECTRICAL
Number of Lamps: 3
Lamp Type: LED Retrofit
Bulb Included: Bulb Not Included
Total Output Wattage (W): 12
Max. Wattage Per Lamp (W): 4
Lamp Base: G9
Input Voltage (V): 120

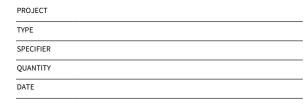
## LED

# OPTICAL

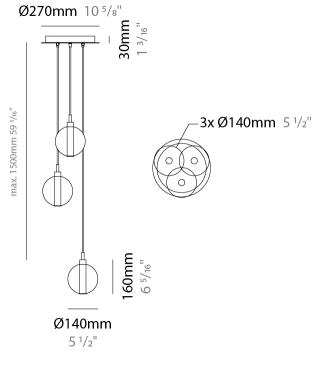
# RATINGS AND CERTIFICATIONS

Cable Details: 1500mm cable

Certified By: Certified for North American Standards







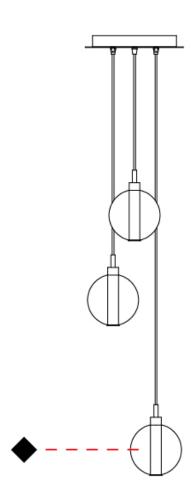




# **OSCURA - 3 LIGHT MULTIPLE SUSPENSION**

D141141-

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# **OSCURA - 5 LIGHT MULTIPLE SUSPENSION**

#### D141142-

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: Oscura	
Subseries: Oscura - 5 Light Multiple	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
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Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Round
Diameter (mm): 270
Diameter (in): 10 ½
Height (mm): 160
Height (in): $5\frac{7}{8}$
Max. Overall Height (mm): 1660
Max. Overall Height (in): 64 15/16
Light Distribution: Omnidirectional
Weight (kg): 2.7
Weight (lbs): 5.95
Fixture Finish: AMB / BLK / BRZ / GLD / GRN / PNK / RGD / RUB / SKB /
SMK / STE / TOB / TRA
Holder Finish: PSS
Fixture Material: Glass / Metal

ELECTRICAL
Number of Lamps: 5
Lamp Type: LED Retrofit
Bulb Included: Bulb Not Included
Total Output Wattage (W): 20
Max. Wattage Per Lamp (W): 4
Lamp Base: G9
Input Voltage (V): 120

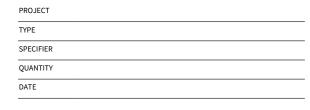
#### LED

# OPTICAL

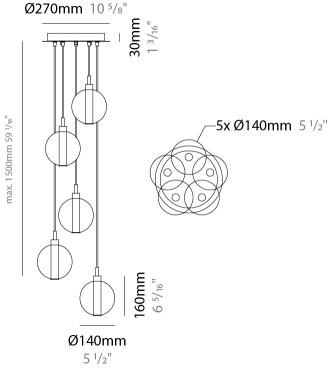
# RATINGS AND CERTIFICATIONS

Cable Details: 1500mm cable

Certified By: Certified for North American Standards







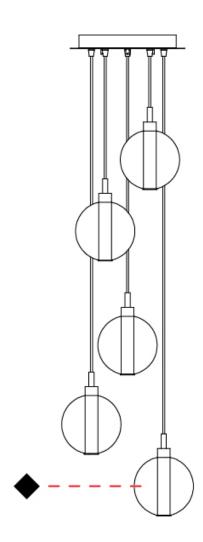




# **OSCURA - 5 LIGHT MULTIPLE SUSPENSION**

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# **OSCURA - 7 LIGHT MULTIPLE SUSPENSION**

#### D141143-

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: Oscura	
Subseries: Oscura - 7 Light Multiple	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Round
Diameter (mm): 460
Diameter (in): 18 ½
Height (mm): 160
Height (in): $5\frac{7}{8}$
Max. Overall Height (mm): 1660
Max. Overall Height (in): 64 15/16
Light Distribution: Omnidirectional
Weight (kg): 4.9
Weight (lbs): 10.8
Fixture Finish: AMB / BLK / BRZ / GLD / GRN / PNK / RGD / RUB / SKB / SMK / STE / TOB / TRA
Holder Finish: PSS
Fixture Material: Glass / Metal

ELECTRICAL	
Number of Lamps: 7	
Lamp Type: LED Retrofit	
Bulb Included: Bulb Not Included	
Total Output Wattage (W): 28	
Max. Wattage Per Lamp (W): 4	
Lamp Base: G9	
Input Voltage (V): 120	

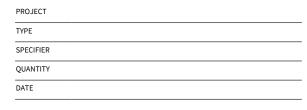
#### LED

# OPTICAL

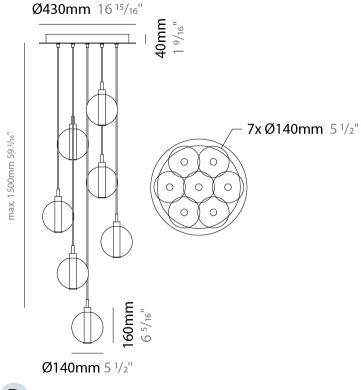
# RATINGS AND CERTIFICATIONS

Cable Details: 1500mm cable

Certified By: Certified for North American Standards







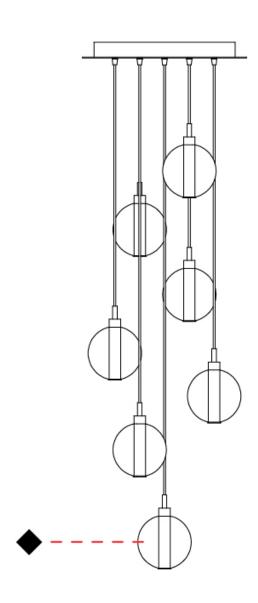




# **OSCURA - 7 LIGHT MULTIPLE SUSPENSION**

D141143-

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# **OSCURA - 9 LIGHT MULTIPLE SUSPENSION**

#### D141144-

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: Oscura	
Subseries: Oscura - 9 Light Multiple	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	

Mounting Type. Suspension
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Round
Diameter (mm): 460
Diameter (in): 18 1/8
Height (mm): 160
Height (in): 6 $\frac{5}{16}$
Max. Overall Height (mm): 1660
Max. Overall Height (in): 64 15/16
Light Distribution: Omnidirectional
Weight (kg): 5.6
Weight (lbs): 12.35
Fixture Finish: AMB / BLK / BRZ / GLD / GRN / PNK / RGD / RUB / SKB /
SMK / STE / TOB / TRA
Holder Finish: PSS
Fixture Material: Glass / Metal

Cable Details: 1500mm cable

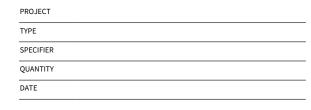
ELECTRICAL	
Number of Lamps: 9	
Lamp Type: LED Retrofit	
Bulb Included: Bulb Not Included	
Total Output Wattage (W): 36	
Max. Wattage Per Lamp (W): 4	
Lamp Base: G9	
Input Voltage (V): 120	

#### LED

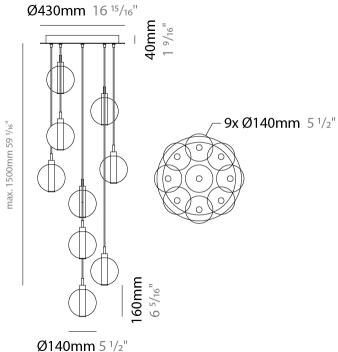
# OPTICAL

# **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards







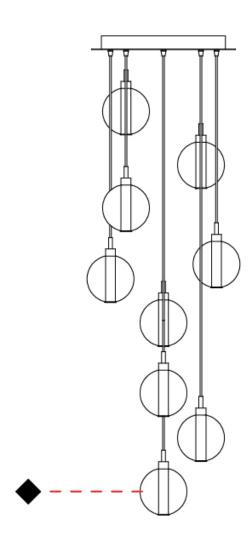




# **OSCURA - 9 LIGHT MULTIPLE SUSPENSION**

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# **OSCURA - 11 LIGHT MULTIPLE SUSPENSION**

#### D141145-

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: Oscura	
Subseries: Oscura - 11 Light Multiple	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	

j	Mounting Location: Ceiling
:	Subcategory: Pendant
ı	PHYSICAL
:	Shape: Round
ļ	Diameter (mm): 460
- 1	Diameter (in): 18 ½
į	Height (mm): 160
1	Height (in): 5 1/8
ĺ	Max. Overall Height (mm): 1660
1	Max. Overall Height (in): 64 ½.6
į	Light Distribution: Omnidirectional
1	Weight (kg): 6.3
1	Weight (lbs): 13.9
	Fixture Finish: AMB / BLK / BRZ / GLD / GRN / PNK / RGD / RUB / SKB / SMK / STE / TOB / TRA
j	Holder Finish: PSS
Į	Fixture Material: Glass / Metal

ELECTRICAL
Number of Lamps: 11
Lamp Type: LED Retrofit
Bulb Included: Bulb Not Included
Total Output Wattage (W): 44
Max. Wattage Per Lamp (W): 4
Lamp Base: G9
Input Voltage (V): 120

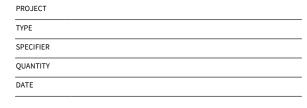
#### LED

# OPTICAL

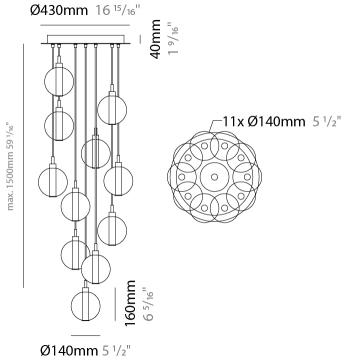
# RATINGS AND CERTIFICATIONS

Cable Details: 1500mm cable

Certified By: Certified for North American Standards







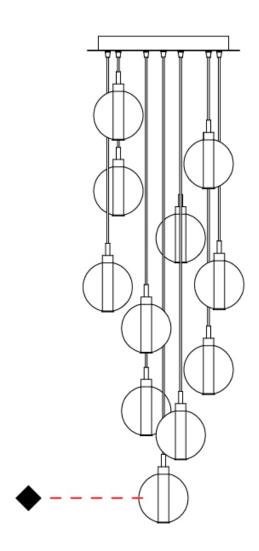




# **OSCURA - 11 LIGHT MULTIPLE SUSPENSION**

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#### D141215-

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: Oscura	
Subseries: Oscura - Monopoint	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
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Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Round
Diameter (mm): 220
Diameter (in): 8 11/16
Height (mm): 240
Height (in): $9\frac{7}{16}$
Max. Overall Height (mm): 1740
Max. Overall Height (in): 68 ½
Light Distribution: Omnidirectional
Weight (kg): 0.855
Weight (lbs): 1.88
Fixture Finish: AMB / BLK / BRZ / GLD / GRN / PNK / RGD / RUB / SKB /
SMK / STE / TOB / TRA
Holder Finish: CHR
Fixture Material: Glass / Metal

ELECTRICAL
Number of Lamps: 1
Lamp Type: LED Retrofit
Bulb Included: Bulb Not Included
Total Output Wattage (W): 4
Max. Wattage Per Lamp (W): 1
Lamp Base: G9
Input Voltage (V): 120

#### LED

# OPTICAL

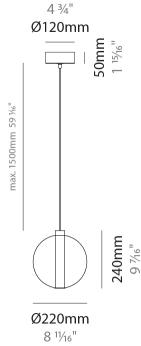
# RATINGS AND CERTIFICATIONS

Cable Details: 1500mm cable

Certified By: Certified for North American Standards

TYPE SPECIFIER
SPECIFIER
QUANTITY
DATE



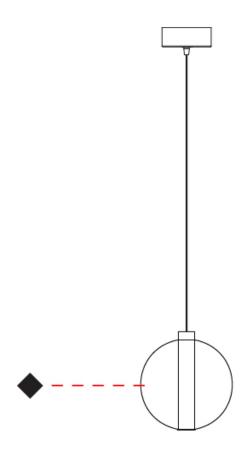






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QUANTITY	_
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#### D141216-

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: Oscura	
Subseries: Oscura - Monopoint	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

Cable Details: 1500mm cable
ELECTRICAL
Number of Lamps: 1
Lamp Type: LED Retrofit
Bulb Included: Bulb Not Included
Total Output Wattage (W): 4
Max. Wattage Per Lamp (W): 1
Lamp Base: G9
Input Voltage (V): 120

#### LED

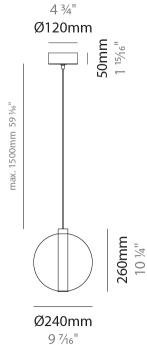
# OPTICAL

# RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT		
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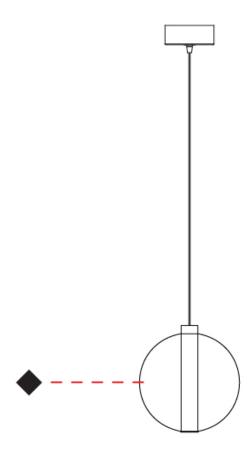






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SPECIFIER		
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#### D141217-

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: Oscura			
Subseries: Oscura - Monopoint			
Brand: Cangini & Tucci			
Division: Design			
Mounting Type: Suspension			
Mounting Location: Ceiling			
Subcatagony Bondant			

Subcategory: Pendant
PHYSICAL
Shape: Round
Diameter (mm): 260
Diameter (in): 10 1/4
Height (mm): 280
Height (in): 11
Max. Overall Height (mm): 1780
Max. Overall Height (in): 70 $\frac{1}{16}$
Light Distribution: Omnidirectional
Weight (kg): 1.000
Weight (lbs): 2.2
Fixture Finish: AMB / BLK / BRZ / GLD / GRN / PNK / RGD / RUB / SKB /
SMK / STE / TOB / TRA
Holder Finish: CHR

#### LED

#### OPTICAL

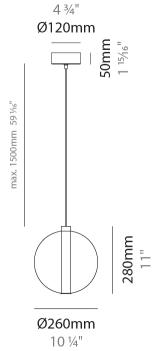
# RATINGS AND CERTIFICATIONS

Fixture Material: Glass / Metal Cable Details: 1500mm cable

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

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		



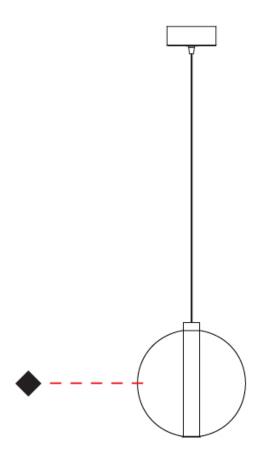






D141217-

PROJECT	
TYPE	_
SPECIFIER	_
QUANTITY	_
DATE	



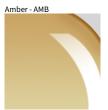




# **OSCURA**

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

#### **Fixture Finish**





















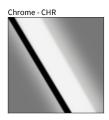








#### **Holder Finish**





**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.





# **OSCURA**

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

# **LEGEND**

<u></u>	floor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	S	rotating	0	warm dim / natural dimming LED
$\uparrow$	ceiling-mounted and wall-mounted	X	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable	in the second	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution		length of suspension cable	CRI	color rendering index
lack	direct light distribution		reflector degree selection	(K)	color temperature
X	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
X	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	Ċ	free individual colors 01-29	<b>②</b>	drive on
£	the supplied jig specifies the cutout dimensions	C	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
<b>d</b> •+D	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)
$\pm$	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
<u></u>	ceiling thickness in mm		luminaire part to be colored (F3)	4	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
Civaco	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
<b>9</b>	sensor	0	direct diffuser	շ (Մ <u>)</u> սո	UL Certified to UL and CSA Standards
	remote control	0	ball-proof (upon request)	<b>(II</b> )	CSA Certified to UL and CSA Standards
9	available upon request	9	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	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)
IKO6	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
1K07	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)

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

protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm