

D141193-

base number

Finish Finish Options 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: Mirea	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Sphere
Diameter (mm): 140
Diameter (in): 5 ½
Height (mm): 140
Height (in): 5 ½
Max. Overall Height (mm): 1640
Max. Overall Height (in): 64 $\frac{9}{16}$
Light Distribution: Omnidirectional
Weight (kg): 0.450
Weight (lbs): 0.99
Diffuser: Glass - Opal
Fixture Finish: TRA / PNK / AMB / GRN / SKB / SMK / TOB / RUB / SGD /

Cable Details: 1500mm Transparent Cable

SBZ / SBK

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

LED

OPTICAL

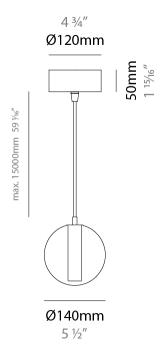
RATINGS AND CERTIFICATIONS

Holder Finish: SGD / SBZ / SBK Fixture Material: Glass / Metal

Certified By: Certified for North American Standards

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	



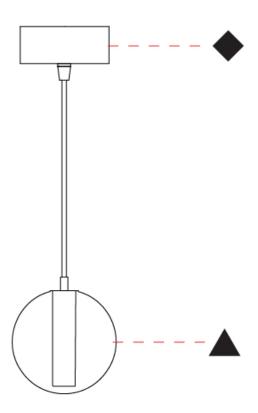






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D141194-

base number

Finish Options

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: Mirea	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

211010111 2 001611
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Sphere
Diameter (mm): 180
Diameter (in): 7 ½
Height (mm): 180
Height (in): $7\frac{1}{16}$
Max. Overall Height (mm): 1680
Max. Overall Height (in): 66 ½
Light Distribution: Omnidirectional
Weight (kg): 0.550
Weight (lbs): 1.21
Diffuser: Glass - Opal
Fixture Finish: TRA / PNK / AMB / GRN / SKB / SMK / TOB / RUB / SGD / SBZ / SBK
Holder Finish: SGD / SBZ / SBK

FI FCTDICAL

Fixture Material: Glass / Metal

Cable Details: 1500mm Transparent Cable

E	ELECTRICAL
L	amp Type: LED Retrofit
Е	Bulb Included: Bulb Not Included
Ν	Max. Wattage Per Lamp (W): 4
L	amp Base: G9
Ī	nput Voltage (V): 120

LED

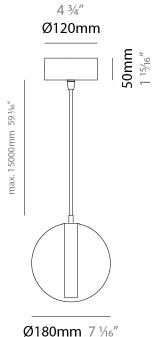
OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		



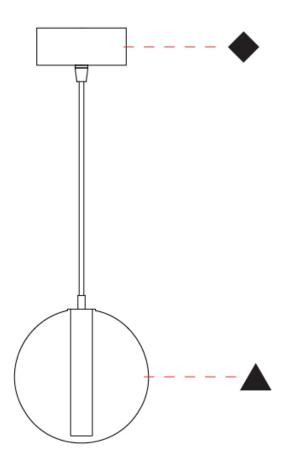






D141194-

PROJECT	
TYPE	_
SPECIFIER	_
QUANTITY	_
DATE	_







D141195-

base number

Options 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: Mirea
Brand: Cangini & Tucci
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Chandelier

Mounting Location: Ceiling
Subcategory: Chandelier
PHYSICAL
Shape: Abstract
Diameter (mm): 930
Diameter (in): 36 ½
Length (mm): 930
Length (in): 36 ½
Width (mm): 430
Width (in): 16 15/16
Height (mm): 830
Height (in): 32 11/16
Light Distribution: Omnidirectional
Weight (kg): 4.500
Weight (lbs): 9.92
Diffuser: Glass - Opal

Fixture Finish: TRA / PNK / AMB / GRN / SKB / SMK / TOB / RUB / SGD / SBZ / SBK

Holder Finish: SGD / SBZ / SBK Fixture Material: Glass / Metal

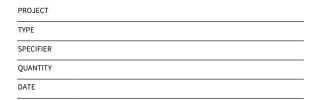
ELECTRICAL		
Lamp Type: LED Retrofit		
Bulb Included: Bulb Not Included		
Max. Wattage Per Lamp (W): 4		
Lamp Base: G9		
Input Voltage (V): 120		

LED

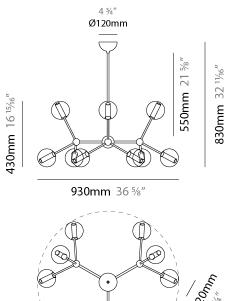
OPTICAL

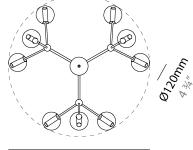
RATINGS AND CERTIFICATIONS

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









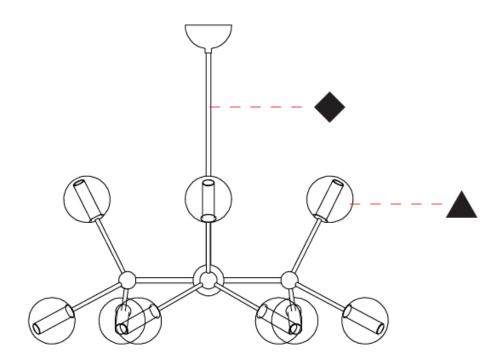
Ø930mm 36 5%"





D141195-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		







D141196-

base number

Finish Finish Options 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

V	
Series: Mirea	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Chandelier	

Mounting Location: Ceiling
Subcategory: Chandelier
PHYSICAL
Shape: Abstract
Diameter (mm): 930
Diameter (in): 36 \(\frac{5}{8} \)
Length (mm): 840
Length (in): 33 ½
Width (mm): 430
Width (in): 16 15/16
Height (mm): 830
Height (in): 32 11/16
Light Distribution: Omnidirectional
Weight (kg): 4.500
Weight (lbs): 9.92

Diffuser: Glass - Opal
Fixture Finish: TRA / PNK / AMB / GRN / SKB / SMK / TOB / RUB / SGD /
SBZ / SBK
Holder Finish: SGD / SBZ / SBK

Fixture Material: Glass / Metal

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

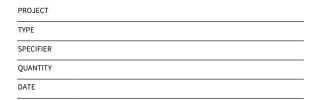
LED

OPTICAL

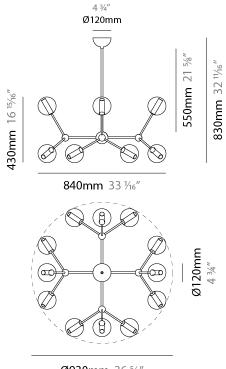
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20













D141196-

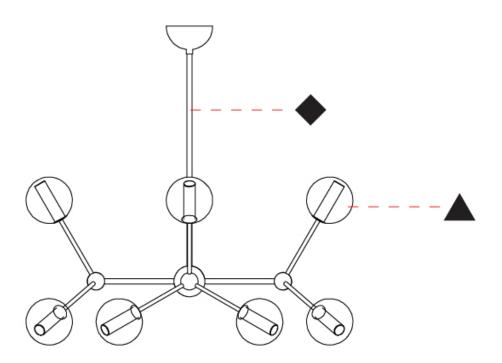
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE







D141197-

base number

Finish Finish Options 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

CLITERAL	
Series: Mirea	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Chandelier	

Mounting Location: Ceiling
Subcategory: Chandelier
PHYSICAL
Shape: Abstract
Diameter (mm): 1050
Diameter (in): 41 ⁵ / ₁₆
Length (mm): 1050
Length (in): 41 ⁵ / ₁₆
Width (mm): 430
Width (in): 16 15/16
Height (mm): 830
Height (in): 32 11/16
Light Distribution: Omnidirectional
Weight (kg): 4.500
Weight (lbs): 9.92

Diffuser: Glass - Opal
Fixture Finish: TRA / PNK / AMB / GRN / SKB / SMK / TOB / RUB / SGD / SBZ / SBK

Holder Finish: SGD / SBZ / SBK
Fixture Material: Glass / Metal

ELECTRICAL
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

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

PROJECT

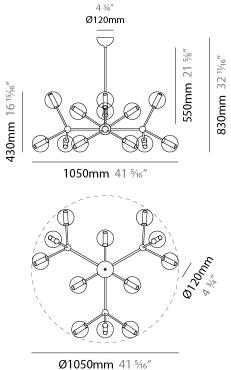
TYPE

SPECIFIER

QUANTITY

DATE



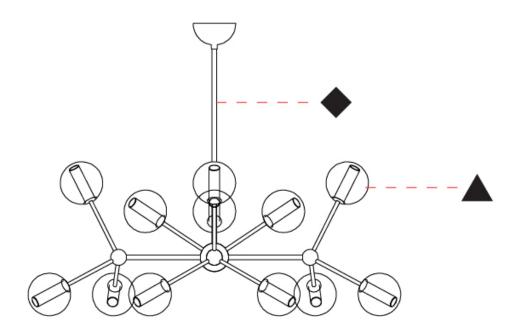






D141197-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		







D141198-

base number

Finish Finish Options 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

CENTEROLE	
Series: Mirea	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Chandelier	

Mounting Location: Ceiling
Subcategory: Chandelier
PHYSICAL
Shape: Abstract
Diameter (mm): 1050
Diameter (in): 41 ⁵ / ₁₆
Length (mm): 980
Length (in): 38 ⁹ / ₁₆
Width (mm): 430
Width (in): 16 15/16
Height (mm): 830
Height (in): 32 11/16
Light Distribution: Omnidirectional
Weight (kg): 7.100
Weight (lbs): 15.65
Diffuser: Glass - Opal

Fixture Finish: TRA / PNK / AMB / GRN / SKB / SMK / TOB / RUB / SGD / SBZ / SBK

Holder Finish: SGD / SBZ / SBK

Fixture Material: Glass / Metal

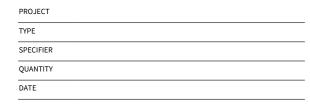
ELECTRICAL		
Lamp Type: LED Retrofit		
Bulb Included: Bulb Not Included		
Max. Wattage Per Lamp (W): 4		
Lamp Base: G9		
Input Voltage (V): 120		

LED

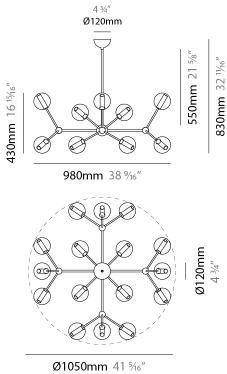
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards







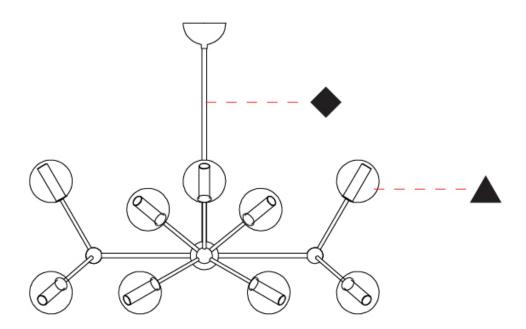




D141198-

PROJECT
TYPE

SPECIFIER
QUANTITY
DATE







D141199-

base number

Options 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

GLIVE	INAL
Serie	s: Mirea
Bran	d: Cangini & Tucci
Divisi	on: Design
Mour	nting Type: Suspension
Mour	nting Location: Ceiling
Subc	ategory: Chandelier

Mounting Location: Ceiting
Subcategory: Chandelier
PHYSICAL
Shape: Abstract
Length (mm): 1150
Length (in): 45 1/4
Width (mm): 570
Width (in): 22 ⁷ / ₁₆
Height (mm): 850
Height (in): 33 ⁷ / ₁₆
Light Distribution: Omnidirectional
Weight (kg): 4.900
Weight (lbs): 10.80
Diffuser: Glass - Opal

Fixture Finish: TRA / PNK / AMB / GRN / SKB / SMK / TOB / RUB / SGD / SBZ / SBK

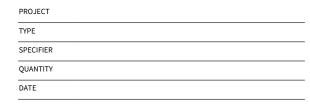
Holder Finish: SGD / SBZ / SBK Fixture Material: Glass / Metal

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

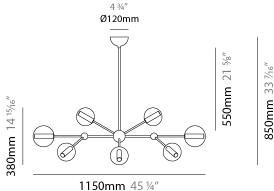
LED

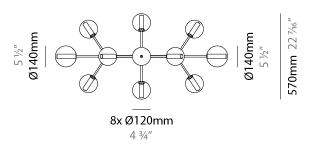
OPTICAL **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards







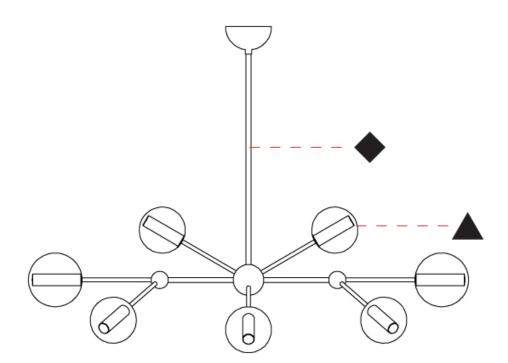






D141199-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





ZANEEN®

MIREA SURFACE

D142012-

base number

Finish Options

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: Mirea	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subsatagany Ambiant	

Holder Finish: SGD / SBZ / SBK

Fixture Material: Glass / Metal

ELECTRICAL

Lamp Type: LED Retrofit

Bulb Included: Bulb Not Included

Max. Wattage Per Lamp (W): 4

Lamp Base: G9

Input Voltage (V): 120

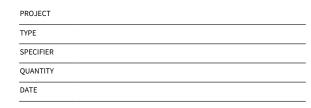
LED

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

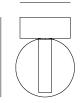
IP rating: IP20







190mm 71/2"







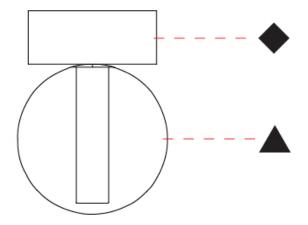
Ø140mm 5 ½"





D142012-

PROJECT
ГҮРЕ
SPECIFIER
QUANTITY
DATE





ZANEEN®

MIREA SURFACE

D142013-

base number

Options 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: Mirea	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subsatagany Ambiant	

Subcategory: Ambient
PHYSICAL
Shape: Sphere
Diameter (mm): 180
Diameter (in): 7 ½
Height (mm): 230
Height (in): 9 1/16
Light Distribution: Omnidirectional
Weight (kg): 0.500
Weight (lbs): 1.10
Diffuser: Glass - Opal
Fixture Finish: TRA / PNK / AMB / GRN / SKB / SMK / TOB / RUB / SGD /

SBZ / SBK

Holder Finish: SGD / SBZ / SBK Fixture Material: Glass / Metal

ELECTRICAL

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

LED

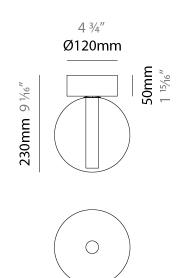
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards







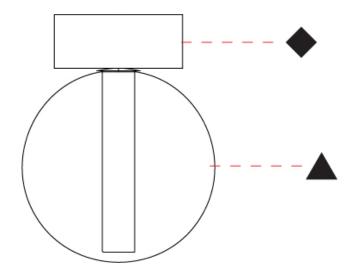
Ø180mm 7 1/16"





D142013-

PROJECT	
ТҮРЕ	_
SPECIFIER	_
QUANTITY	_
DATE	_







D143028-

base number

Options 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: Mirea	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Ambient	

Subcategory: Ambient
PHYSICAL
Shape: Sphere
Diameter (mm): 120
Diameter (in): 4 ³ / ₄
Height (mm): 370
Depth (mm): 170
Height (in): 14 1/16
- 10 2 - 11:

Depth (in): 6 11/16 Light Distribution: Omnidirectional

Weight (kg): 0.700 Weight (lbs): 1.54

Diffuser: Glass - Opal

Fixture Finish: TRA / PNK / AMB / GRN / SKB / SMK / TOB / RUB / SGD / SBZ / SBK

Holder Finish: SGD / SBZ / SBK Fixture Material: Glass / Metal

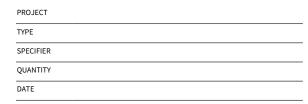
ELECTRICAL	
Lamp Type: LED Retrofit	
Bulb Included: Bulb Not Included	
Max. Wattage Per Lamp (W): 4	
Lamp Base: G9	
Input Voltage (V): 120	

LED

OPTICAL **RATINGS AND CERTIFICATIONS**

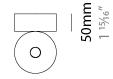
Certified By: Certified for North American Standards

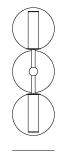
IP rating: IP20





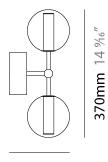
4 3/4" Ø120mm







4 3/4"



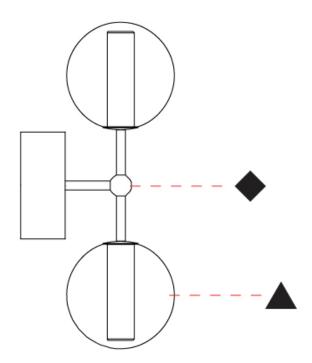
170mm 6 11/16"





D143028-

PROJECT	
ТҮРЕ	_
SPECIFIER	_
QUANTITY	_
DATE	_





ZANEEN®

MIREA SURFACE

D143029-

base number

Options 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: Mirea	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Ambient	

Mounting Location: Wall
Subcategory: Ambient
PHYSICAL
Shape: Sphere
Diameter (mm): 140
Diameter (in): 5 ½
Height (mm): 140
Depth (mm): 190
Height (in): 5 ½
Depth (in): 7 ½
Light Distribution: Omnidirectional
Weight (kg): 0.400
Weight (lbs): 0.88
5.00 al a l

Diffuser: Glass - Opal Fixture Finish: TRA / PNK / AMB / GRN / SKB / SMK / TOB / RUB / SGD /

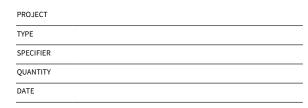
SBZ / SBK Holder Finish: SGD / SBZ / SBK Fixture Material: Glass / Metal

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

LED

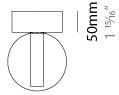
OPTICAL

RATINGS AND CERTIFICATIONS Certified By: Certified for North American Standards















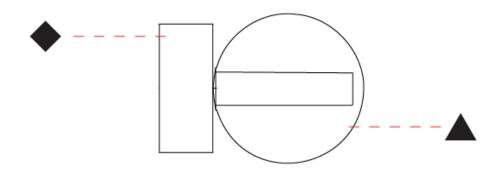
190mm 7 ½"





D143029-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	_
DATE	







D143030-

base number

Options 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: Mirea	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Ambient	

Mounting Location: Wall
Subcategory: Ambient
PHYSICAL
Shape: Sphere
Diameter (mm): 180
Diameter (in): $7\frac{1}{16}$
Height (mm): 180
Depth (mm): 230
Height (in): $7\frac{1}{16}$
Depth (in): 9 ½ 1/16
Light Distribution: Omnidirectional
Weight (kg): 0.500
Weight (lbs): 1.10
Diffuser: Glass - Opal
Fixture Finish: TRA / PNK / AMB / GRN / SKB / SMK / TOB / RUB / SGD /

SBZ / SBK

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

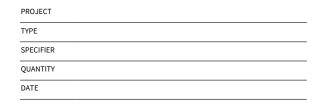
LED

OPTICAL

RATINGS AND CERTIFICATIONS

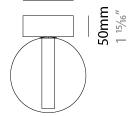
Holder Finish: SGD / SBZ / SBK Fixture Material: Glass / Metal

Certified By: Certified for North American Standards



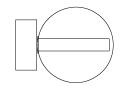












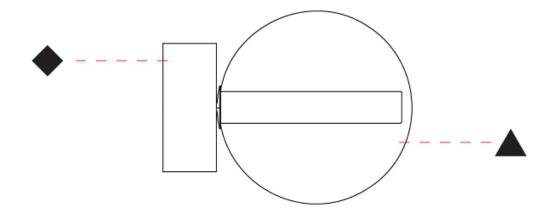
230mm 9 1/16"





D143030-

PROJECT
ТУРЕ
SPECIFIER
QUANTITY
DATE







MIREA PORTABLE

D144032-

base number

Finish Finish Options 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: Mirea	
Brand: Cangini & Tucci	
Division: Design	
Mounting Type: Portable	
Mounting Location: Table	
Subcategory: Ambient	

Subcategory: Ambient
PHYSICAL
Shape: Sphere
Diameter (mm): 180
Diameter (in): 7 ½
Height (mm): 210
Height (in): 8 1/4
Light Distribution: Omnidirectional
Weight (kg): 0.500
Weight (lbs): 1.10
Diffuser: Glass - Opal
Fixture Finish: TRA / PNK / AMB / GRN / SKB / SMK / TOB / RUB / SGD / SBZ / SBK
Holder Finish: SGD / SBZ / SBK

ELECTRICAL

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

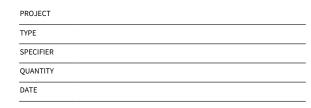
LED

OPTICAL

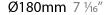
RATINGS AND CERTIFICATIONS

Fixture Material: Glass / Metal

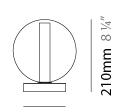
Certified By: Certified for North American Standards











Ø120mm 4 ¾"

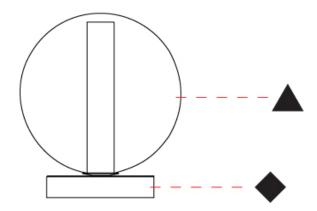




MIREA PORTABLE

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MIREA

COLOR FINISH CHART

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.





MIREA

	PROJECT
	TYPE
	SPECIFIER
	QUANTITY
	DATE
	QUANTITY

LEGEND

T		_	a 85		special LED (upon request) PGR_PGRW_tunable
<u></u>	floor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	ى	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	71-600	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	length of suspension cable	CRI	color rendering index
$\dot{\Delta}$	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
	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
ZŢ	square wall or ceiling cut-out		free individual colors 01-29	②	drive on
4	the supplied jig specifies the cutout dimensions	Ĉ	individual colors: 00 (free of charge), 01-25 (extra charge)	OSC	Dark Sky Compliance
□ •,+	minimum distance (meters) lamp - object	♦	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
<u></u>	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)	4⊚	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
8	separately switchable	\odot	indirect diffuser	. .	ETL Certified to UL and CSA Standards
9	sensor	0	direct diffuser	دول) ه	UL Certified to UL and CSA Standards
	remote control	0	ball-proof (upon request)	(II)	CSA Certified to UL and CSA Standards
J	available upon request	O	accessory	\mathbf{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

above the surface)

IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
ІКОЗ	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) $$
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