## **HALF 1 SUSPENSION**

## D91193-

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: Half
Subseries: Half 1
Brand: Milan
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Sphere
Diameter (mm): 160
Diameter (in): 6 <sup>5</sup> / <sub>16</sub>
Height (mm): 160
Height (in): $6\frac{5}{16}$
Max. Overall Height (mm): 1660
Max. Overall Height (in): 65 ⅔
Light Distribution: Omnidirectional
Diffuser: Satin Opal Acid-Etched Blown Glass
Fixture Finish: MBK / MNK
Fixture Material: Stamped Steel
Cable Details: 2000mm Black Electrical Wire and 1500mm Steel Cable
ELECTRICAL
Number of Lamps: 1
Lamp Type: LED Retrofit

Lamp Type: LED Retrofit
Lamp Shape: A15
Bulb Included: Bulb Not Included
Max. Wattage Per Lamp (W): 5.5
Lamp Base: E26
Input Voltage (V): 120
Upon Request: 277Vac / GU24

## LED

OPTICAL

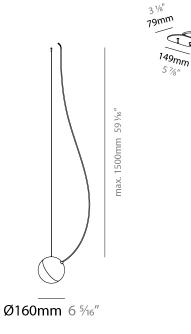
### RATINGS AND CERTIFICATIONS

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



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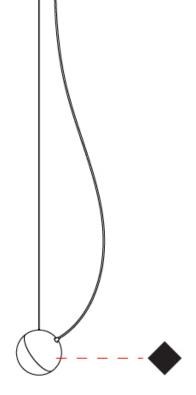


**HALF 1 SUSPENSION** 

D91193-

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## **HALF 3 SUSPENSION**

## D91194-

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: Half
Subseries: Half 3
Brand: Milan
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Sphere
Diameter (mm): 600
Diameter (in): 23 $\frac{5}{8}$
Height (mm): 160
Height (in): 6 <sup>5</sup> / <sub>16"</sub>
Max. Overall Height (mm): 1660
Max. Overall Height (in): 65 ⅔
Light Distribution: Omnidirectional
Diffuser: Satin Opal Acid-Etched Blown Glass
Fixture Finish: MBK / MNK
Fixture Material: Stamped Steel
Cable Details: 2000mm Black Electrical Wire and 1500mm Steel Cable
ELECTRICAL
Number of Lamps: 3
Lamp Type: LED Retrofit
Lamp Shape: A15

Bulb Included: Bulb Not Included Max. Wattage Per Lamp (W): 5.5 Lamp Base: E26 Input Voltage (V): 120 Upon Request: 277Vac / GU24

LED

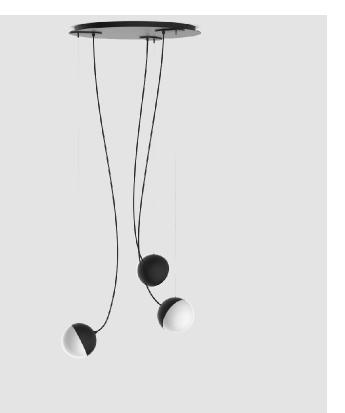
#### OPTICAL

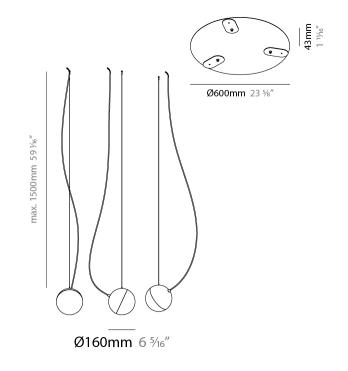
### RATINGS AND CERTIFICATIONS

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

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PROJECT			





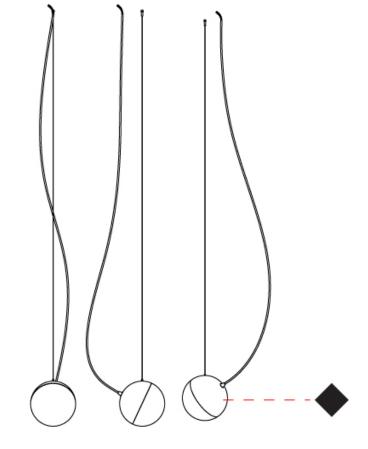


**HALF 3 SUSPENSION** 

D91194-

PROJECT

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# ZANEEN.

## **HALF 5 SUSPENSION**

## D91195-

base number Finish Options

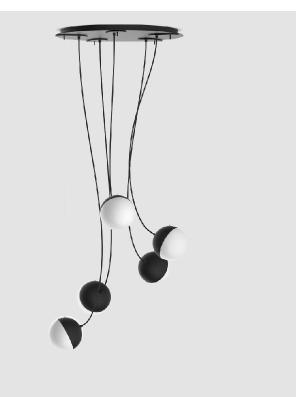
1. To build a product code in our configurator select the specify button on the base model # product page

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 #

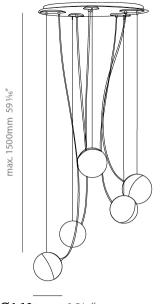
## GENERAL

Series: Half
Subseries: Half 5
Brand: Milan
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Sphere
Diameter (mm): 600
Diameter (in): 23 <sup>5</sup> / <sub>8</sub>
Height (mm): 160
Height (in): 6 <sup>5</sup> / <sub>16"</sub>
Max. Overall Height (mm): 1660
Max. Overall Height (in): 65 $\frac{3}{8}$
Light Distribution: Omnidirectional
Diffuser: Satin Opal Acid-Etched Blown Glass
Fixture Finish: MBK / MNK
Fixture Material: Stamped Steel
Cable Details: 2000mm Black Electrical Wire and 1500mm Steel Cable
ELECTRICAL
Number of Lamps: 5
Lamp Type: LED Retrofit
Lamp Shape: A15
Bulb Included: Bulb Not Included

PROJECT TYPE SPECIFIER QUANTITY



DATE





Ø600mm 23 5%"

LED OPTICAL

Lamp Base: E26 Input Voltage (V): 120 Upon Request: 277Vac / GU24

#### RATINGS AND CERTIFICATIONS

Max. Wattage Per Lamp (W): 5.5

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

Ø160mm 6 5/16"

D

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In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

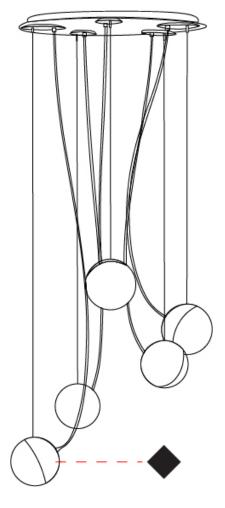


**HALF 5 SUSPENSION** 

D91195-

PROJECT

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## **HALF 1 SURFACE**

### D93236-

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: Half
Subseries: Half 1
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Ambient
PHYSICAL
Shape: Sphere
Diameter (mm): 160
Diameter (in): 6 <sup>5</sup> / <sub>16</sub>
Height (mm): 160
Height (in): 6 <sup>5</sup> / <sub>16</sub>
Light Distribution: Omnidirectional
Diffuser: Satin Opal Acid-Etched Blown Glass
Fixture Finish: MBK / MNK
Fixture Material: Stamped Steel
Cable Details: 3000mm Black Electrical Wire
ELECTRICAL
Number of Lamps: 1
Lamp Type: LED Retrofit
Lamp Shape: A15
Bulb Included: Bulb Not Included

Max. Wattage Per Lamp (W): 5.5 Lamp Base: E26 Input Voltage (V): 120 Upon Request: 277Vac / GU24

### LED

OPTICAL

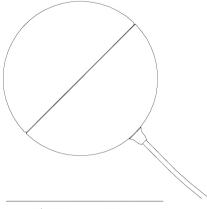
#### **RATINGS AND CERTIFICATIONS**

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



PROJECT			
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Ø 160mm 6 5/16"

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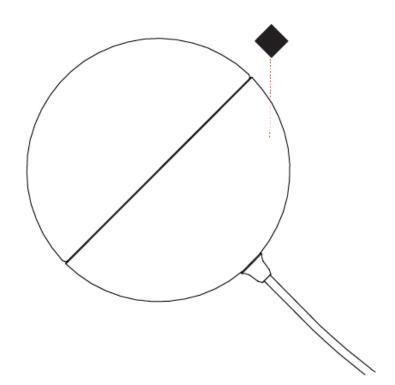


HALF 1 SURFACE

D93236-

PROJECT

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## **HALF 2 SURFACE**

## D93237-

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: Half
Subseries: Half 2
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Ambient
PHYSICAL
Shape: Sphere
Diameter (mm): 320
Diameter (in): 12 <sup>5</sup> / <sub>8</sub>
Height (mm): 160
Height (in): 6 <sup>5</sup> / <sub>16</sub>
Light Distribution: Omnidirectional
Diffuser: Satin Opal Acid-Etched Blown Glass
Fixture Finish: MBK / MNK
Fixture Material: Stamped Steel
Cable Details: 3000mm Black Electrical Wire
ELECTRICAL
Number of Lamps: 2
Lamp Type: LED Retrofit
Lamp Shape: A15
Bulb Included: Bulb Not Included



## Upon Request: 277Vac / GU24

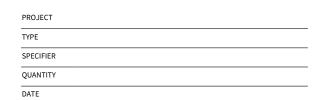
Input Voltage (V): 120

LED

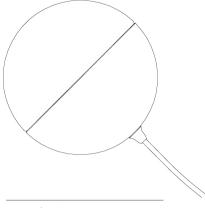
#### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

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







Ø 160mm 6 5/16"

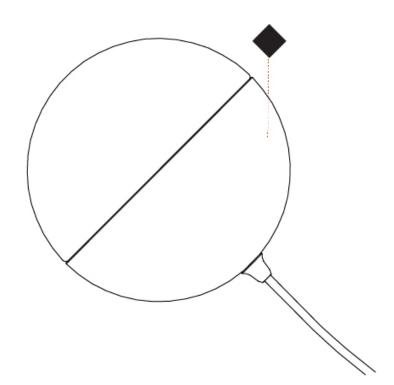
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HALF 2 SURFACE

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## **HALF 1 PORTABLE**

### D94036-

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: Half
Subseries: Half 1
Brand: Milan
Division: Design
Mounting Type: Portable
Mounting Location: Table
Subcategory: Ambient
PHYSICAL
Shape: Sphere
Diameter (mm): 160
Diameter (in): 6 <sup>5</sup> / <sub>16</sub>
Height (mm): 270
Height (in): 10 <sup>5</sup> / <sub>8</sub>
Light Distribution: Omnidirectional
Diffuser: Satin Opal Acid-Etched Blown Glass
Fixture Finish: MBK / MNK
Holder Finish: Ash
Fixture Material: Stamped Steel
Cable Details: 3000mm Black Electrical Wire
Upon Request: Bolt Down
ELECTRICAL
Number of Lamps: 1
Lamp Type: LED Retrofit

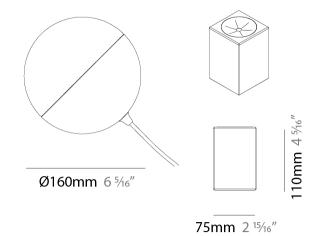
Number of Lamps: 1	
Lamp Type: LED Retrofit	
Lamp Shape: A19	
Bulb Included: Bulb Not Included	
Max. Wattage Per Lamp (W): 5.5	
Lamp Base: E26	
Input Voltage (V): 120	
Upon Request: 277Vac / GU24	

#### LED

OPTICAL

#### **RATINGS AND CERTIFICATIONS**

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



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QUANTITY		
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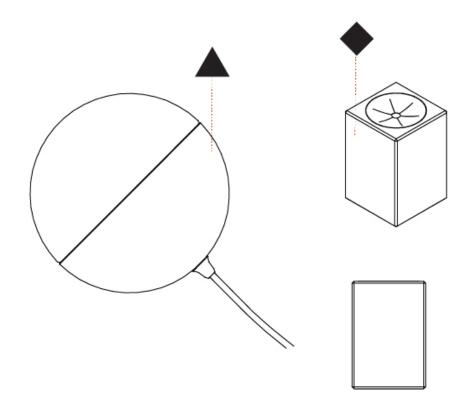


HALF 1 PORTABLE

D94036-

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# ZANEEN.

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## **HALF 2 PORTABLE**

#### D94038-

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: Half
Subseries: Half 2
Brand: Milan
Division: Design
Mounting Type: Portable
Mounting Location: Floor
Subcategory: Ambient
PHYSICAL
Shape: Sphere
Diameter (mm): 280
Diameter (in): 11
Height (mm): 1698
Height (in): 66 <sup>7</sup> / <sub>8</sub>
Light Distribution: Omnidirectional
Diffuser: Satin Opal Acid-Etched Blown Glass
Fixture Finish: MBK / MNK
Holder Finish: MBK / MNK
Fixture Material: Stamped Steel
Cable Details: 3000mm Black Electrical Wire
Upon Request: Bolt Down
ELECTRICAL
Number of Lamps: 2

Number of Europs. 2
Lamp Type: LED Retrofit
Lamp Shape: A19
Bulb Included: Bulb Not Included
Max. Wattage Per Lamp (W): 5.5
Lamp Base: E26
Input Voltage (V): 120
Upon Request: 277Vac / GU24

### LED

OPTICAL

#### RATINGS AND CERTIFICATIONS

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

## TYPE SPECIFIER QUANTITY DATE

PROJECT

1698mm 66 7/8" Ø160mm 6 5/16" Ø280mm 11"

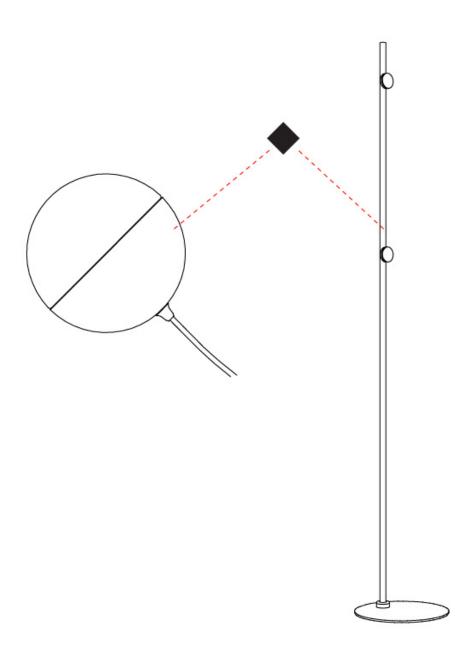


HALF 2 PORTABLE

D94038-

PROJECT

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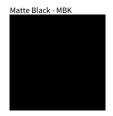


## HALF COLOR FINISH CHART

PROJECT

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

#### **Fixture Finish**





#### **Holder Finish**

Matte Black - MBK





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.

HALF

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## LEGEND

		_		_	
_↓_	floor-mounted	¥	pivotable	$\circledast$	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
$\overline{}$	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
$\uparrow$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	Ø	rechargeable battery powered
$\rightarrow$	wall-mounted	T	color of suspension cable	1111 1140	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution		length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	<b>°K</b>	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	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
$\mathbf{X}$	aura light distribution	0	shine ring	3	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	ů).	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
[↓	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)	۲	luminaire part to be colored (F5)		protection class I, protection insulation
<b>~</b>	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
Y	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)	œ.	CSA Certified to UL and CSA Standards
2	available upon request	U	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)