## **HALOS SURFACE**

## D93247

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**

<b>4-11-10-1</b>	
Series: Halos	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	

mounting Location Tract
PHYSICAL
Shape: Round
Diameter (mm): 200
Diameter (in): 7 1/8
Height (mm): 200
Depth (mm): 58
Height (in): 7 1/8
Depth (in): 2 <sup>5</sup> / <sub>16</sub>
Light Distribution: Omnidirectional
Weight (kg): 0.5
Weight (lbs): 0.999
Diffuser: Satin Glass
Fixture Finish: MBQ
Fixture Material: Glass / Metal

#### ELECTRICAL

	LELGTRIGAL
	Lamp Type: LED
	Input Wattage (W): 9.6
	Dimming: Electronic Low Voltage Dimming
	Input Voltage (V): 120Vac Direct Line

## LED

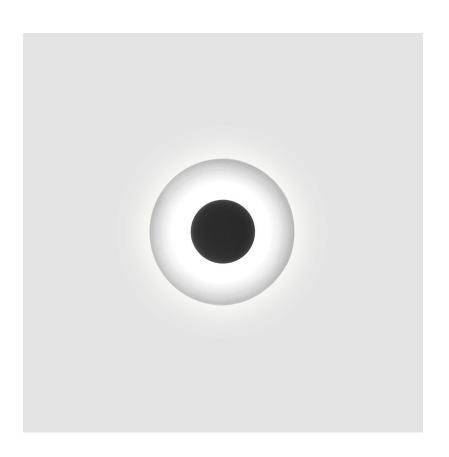
Color Temperature (°K): 3000	
Max. Delivered Lumen (lm): 893	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

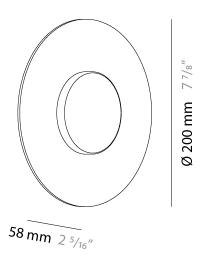
### OPTICAL

## RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
IP rating: IP20





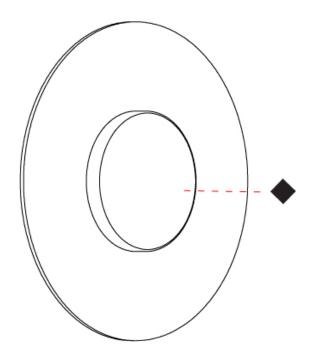






**HALOS SURFACE** 

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## **HALOS SURFACE**

## D93248

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: Halos	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	

Mounting Location: Watt
PHYSICAL
Shape: Round
Diameter (mm): 365
Diameter (in): 14 <sup>3</sup> / <sub>8</sub>
Height (mm): 365
Depth (mm): 63
Height (in): 14 <sup>3</sup> / <sub>8</sub>
Depth (in): 2 ½
Light Distribution: Omnidirectional
Weight (kg): 2.0
Weight (lbs): 4.499
Diffuser: Satin Glass
Fixture Finish: MBQ
Fixture Material: Glass / Metal

#### ELECTRICAL

2220111012
Lamp Type: LED
Input Wattage (W): 9.6
Dimming: Electronic Low Voltage Dimming
Input Voltage (V): 120Vac Direct Line

## LED

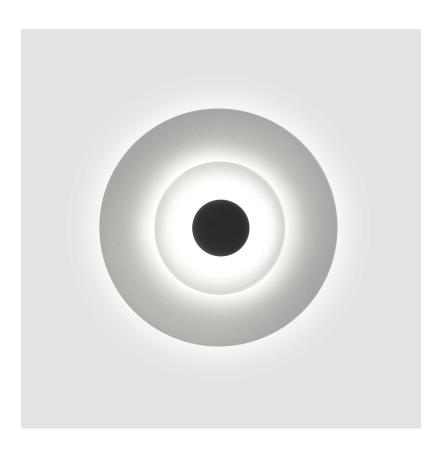
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 893	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

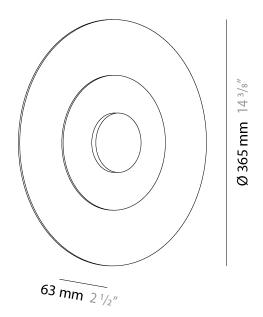
#### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

Certified By: CSA Certified to UL and CSA Standards	
IP rating: IP20	





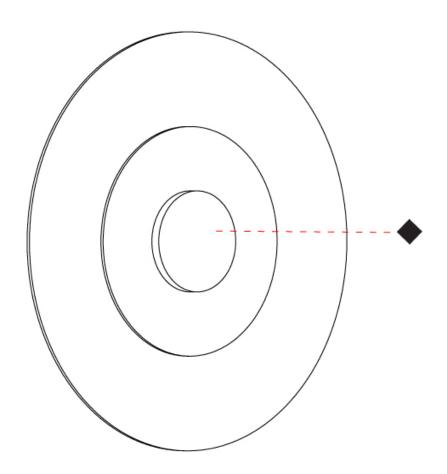






**HALOS SURFACE** 

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## **HALOS PORTABLE**

#### D94051

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

	CENERAL
	Series: Halos
	Brand: Milan
	Division: Design
	Mounting Type: Portable
	Mounting Location: Table
	Subcategory: Table

Mounting Location: Table
Subcategory: Table
PHYSICAL
Shape: Round
Diameter (mm): 365
Diameter (in): 14 <sup>3</sup> / <sub>8</sub>
Height (mm): 365
Depth (mm): 98
Height (in): 14 3/8
Depth (in): $3\frac{7}{8}$
Light Distribution: Omnidirectional
Weight (kg): 1.8
Weight (lbs): 3.999
Diffuser: Satin Glass
Fixture Finish: MBQ
Fixture Material: Glass / Metal

#### ELECTRICAL

ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 9.6	
Dimming: Electronic Low Voltage Dimming	
Input Voltage (V): 120Vac Direct Line	

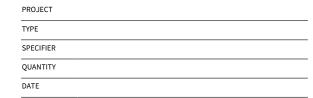
#### LED

Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 893	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

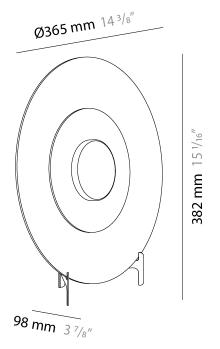
#### OPTICAL

## RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
IP rating: IP20





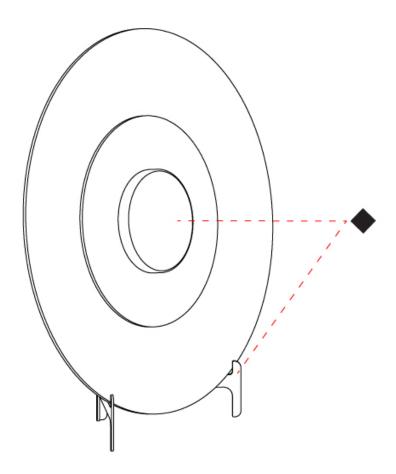






**HALOS PORTABLE** 

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## **HALOS PORTABLE**

#### D94052

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

GENERAL
Series: Halos
Brand: Milan
Division: Design
Mounting Type: Portable
Mounting Location: Floor
Subcategory: Floor

PHYSICAL
Shape: Round
Diameter (mm): 365
Diameter (in): 14 <sup>3</sup> / <sub>8</sub>
Height (mm): 1702
Height (in): 67
Light Distribution: Omnidirectional
Weight (kg): 3.7
Weight (lbs): 7.999
Diffuser: Satin Glass
Fixture Finish: MBQ
Fixture Material: Glass / Metal

#### **ELECTRICAL**

Lamp Type: LED	
Input Wattage (W): 9.6	
Input Voltage (V): 120Vac Direct Line	

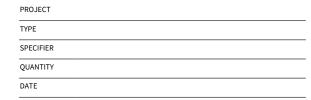
#### LED

Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 893	
CRI: >90 CRI	

## OPTICAL

#### **RATINGS AND CERTIFICATIONS**

Certified By: CSA Certified to UL and CSA Standards	
IP rating: IP20	





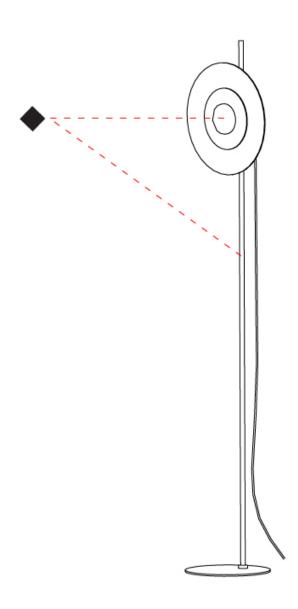






## **HALOS PORTABLE**

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## **HALOS**

COLOR FINISH CHART

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#### **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.





## **HALOS**

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## **LEGEND**

		1			
<u></u>	floor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
$\uparrow$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable		fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	<b></b>	length of suspension cable	CRI	color rendering index
À	direct light distribution		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
Ā	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
Z)	square wall or ceiling cut-out		free individual colors 01-29	<b>②</b>	drive on
<b>€</b> €	the supplied jig specifies the cutout dimensions	Ĉ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
<b>□</b> **	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
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> ⑨	100
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		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
8	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
<b>9</b>	sensor	O	direct diffuser	շ <b>(</b> Մ) սո	UL Certified to UL and CSA Standards
	remote control	(1)	ball-proof (upon request)	<b>(II</b> )	CSA Certified to UL and CSA Standards
J	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)		
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)		
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) $$		
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