HAUL 1 LIGHT SURFACE

D92102R9-

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

Number of LEDs: 1

CRI: >90 CRI Lamp Life (hrs): 50000

OPTICAL Beam Angle: 35

IP rating: IP20

Color Temperature (°K): 3000 Max. Delivered Lumen (lm): 500

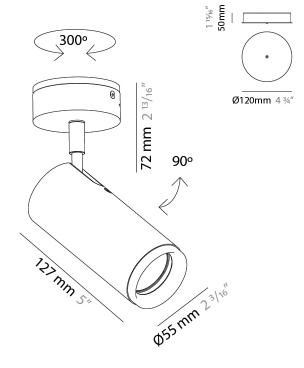
Adjustability: Rotational 300°; Tilt 90° **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

Series: Haul
Subseries: Haul 1 Light
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Cylinder
Diameter (mm): 55
Diameter (in): $2\frac{3}{16}$
Height (mm): 127
Height (in): 5
Max. Overall Height (mm): 199
Max. Overall Height (in): 7 ¹³ / ₁₆
Extension (mm): 72
Extension (in): 2 ¹³ / ₁₆
Light Distribution: Adjustable / Direct
Fixture Finish: MWL / MBQ
Fixture Material: Extruded Aluminum
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 5
Dimming: Electronic Low Voltage Dimming
Input Voltage (V): 120Vac Direct Line
LED

PROJECT TYPE SPECIFIER QUANTITY DATE





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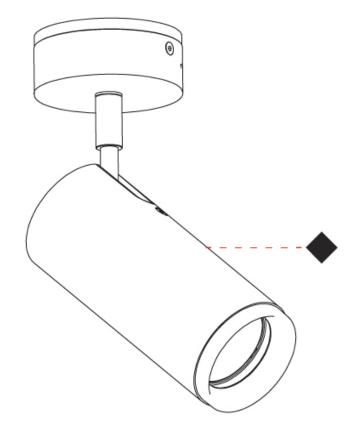
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

HAUL 1 LIGHT SURFACE

D92102R9-

PROJECT

PROJECT			
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QUANTITY			
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HAUL - CEILING SURFACE

Finish

D92105R9-

base number

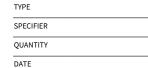
Options

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: Haul
Subseries: Haul - Ceiling
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Cylinder
Diameter (mm): 40
Diameter (in): 1 %
Height (mm): 153
Height (in): 6
Light Distribution: Direct
Fixture Finish: MWL / MBQ
Fixture Material: Extruded Aluminum
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 5
Dimming: Electronic Low Voltage Dimming



LED

Number of LEDs: 1

Color Temperature (°K): 3000	
Max. Delivered Lumen (lm): 500	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

OPTICAL

Beam Angle: 35

RATINGS AND CERTIFICATIONS

Input Voltage (V): 120Vac Direct Line

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





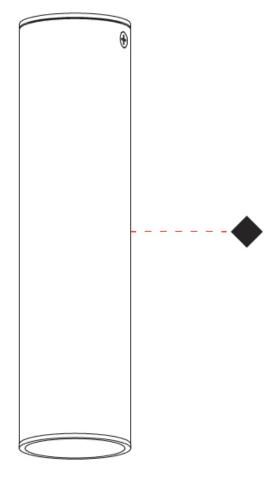
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HAUL - CEILING SURFACE

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HAUL - CEILING SURFACE

D92247-

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

Carles Haul	
Series: Haul	
Subseries: Haul - Ceiling	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Spots	
PHYSICAL	
Shape: Cylinder	
Diameter (mm): 40	
Diameter (in): 1 ⁹ / ₁₆	
Length (mm): 98	
Length (in): $3\frac{7}{18}$	
Height (mm): 160	
Height (in): 6 ⁵ / ₁₆	
Light Distribution: Adjustable / Direct	
Fixture Finish: MWL / MBQ	
Fixture Material: Extruded Aluminum	
ELECTRICAL	
Lamp Type: LED	
lanut Mattana (M), F	

LED

Number of LEDs: 1
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 500
CRI: >90 CRI
Lamp Life (hrs): 50000
OPTICAL

Beam Angle: 35

Adjustability: Rotational 300°; Tilt 90°

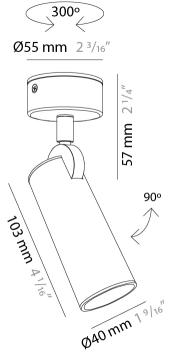
RATINGS AND CERTIFICATIONS

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



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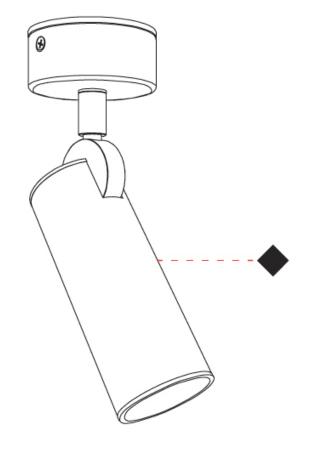
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HAUL - CEILING SURFACE

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HAUL - CEILING SURFACE

D92248-

base number Finish Options

Dimming: Non-Dimmable Driver Included: Yes Driver Location: External Input Voltage (V): 120 Constant Current (MA): 200

LED

Number of LEDs: 1 Color Temperature (°K): 3000 Max. Delivered Lumen (lm): 500

CRI: >90 CRI Lamp Life (hrs): 50000

OPTICAL

Beam Angle: 35

IP rating: IP20

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

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 #

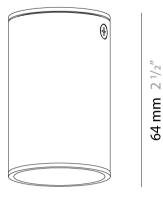
GENERAL

Series: Haul	
Subseries: Haul - Ceiling	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Cylinder	
Diameter (mm): 40	
Diameter (in): 1 ⁹ / ₁₆	
Height (mm): 64	
Height (in): $2\frac{1}{2}$	
Light Distribution: Direct	
Fixture Finish: MWL / MBQ	
Fixture Material: Extruded Aluminum	
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 6	

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Ø40 mm 1 9/16"

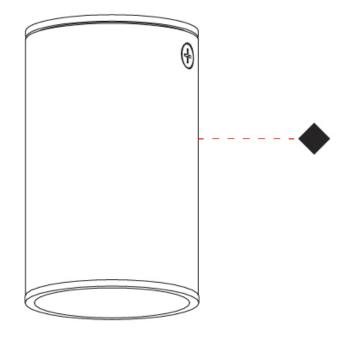
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HAUL - CEILING SURFACE

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HAUL - WALL SURFACE

D93203R9-

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: Haul
Subseries: Haul - Wall
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: On/Off Switch
PHYSICAL
Shape: Cylinder
Diameter (mm): 40
Diameter (in): 1 ⁹ / ₁₆
Length (mm): 65
Length (in): 2 ⁹ / ₁₆
Height (mm): 100
Height (in): 3 ¹⁵ / ₁₆
Extension (mm): 78
Extension (in): 3 ¹ / ₁₆
Light Distribution: Adjustable / Direct
Fixture Finish: MWL / MBQ
Fixture Material: Extruded Aluminum
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 5
Dimming: Electronic Low Voltage Dimming
Input Voltage (V): 120Vac Direct Line

LED

OPTICAL			
Lamp Life (hrs)	: 50000		
CRI: >90 CRI			
Max. Delivered	Lumen (lm): 500		
Color Tempera	ture (°K): 3000		
Number of LED	s: 1		

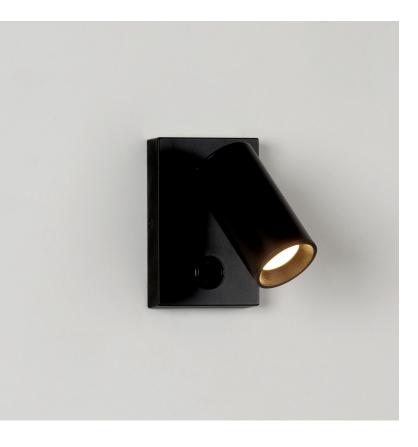
Beam Angle: 35

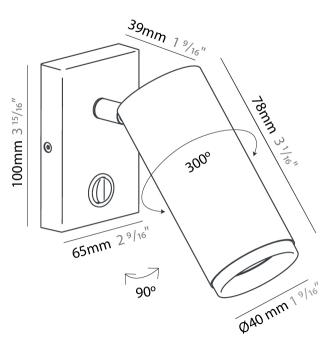
Deannin	5,0,00
Adjustab	lity: Rotational 300°; Tilt 90°

RATINGS AND CERTIFICATIONS

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

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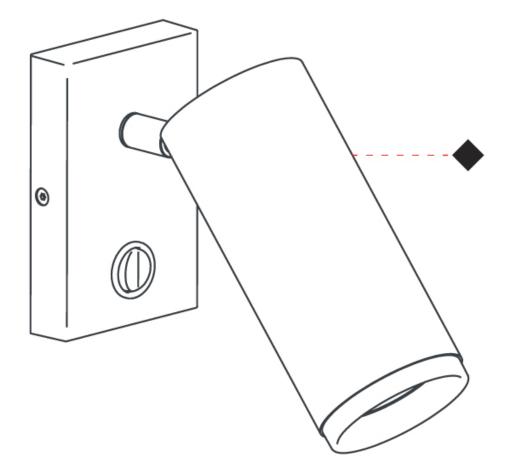


HAUL - WALL SURFACE

D93203R9-

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HAUL - WALL SURFACE

D93244-

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: Haul
Subseries: Haul - Wall
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: On/Off Switch
PHYSICAL
Shape: Cylinder
Diameter (mm): 40
Diameter (in): 1 % 16
Length (mm): 85
Length (in): $3\frac{3}{8}$
Extension (mm): 120
Extension (in): 4 ³ / ₄
Light Distribution: Adjustable / Direct
Fixture Finish: MWL / MBQ
Fixture Material: Extruded Aluminum

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 5
Dimming: Electronic Low Voltage Dimming
Input Voltage (V): 120Vac Direct Line

LED

Number of LEDs: 1
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 500
CRI: >90 CRI
Lamp Life (hrs): 50000
OPTICAL

Beam Angle: 35

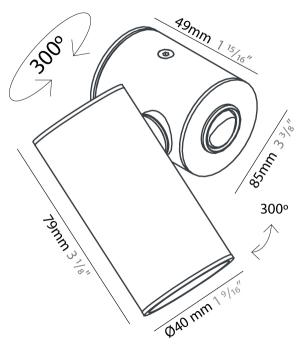
RATINGS AND CERTIFICATIONS

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

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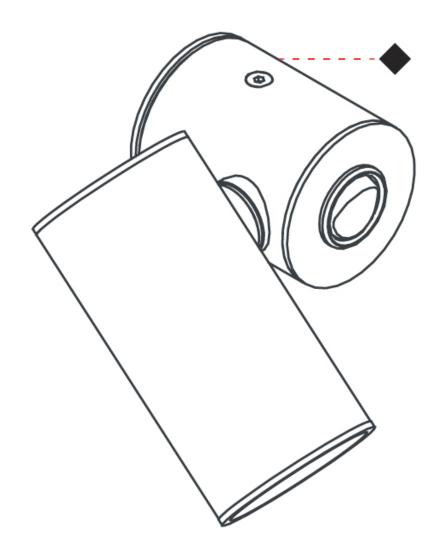


HAUL - WALL SURFACE

D93244-

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HAUL COLOR FINISH CHART

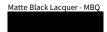
PROJECT

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Fixture Finish

Matte White Lacquer - MWL





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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HAUL

PROJECT

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TYPE SPECIFIER

QUANTITY

DATE

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	K	illuminate tilted	0	rechargeable battery powered
\rightarrow	wall-mounted	T	color of suspension cable		fixture with natural vivid LED (upon request)
Y	omni-directional light distribution		length of suspension cable		color rendering index
À	direct light distribution	Δ	reflector degree selection	°К)	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
$\mathbf{\mathbf{x}}$	indirect light distribution	Å	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	€¢∘	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	\odot	integrated shine ring with diffuser		walk on
5	square wall or ceiling cut-out	Ū.	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 SC	Dark Sky Compliance
(+,+)	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
1	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)	(ه)	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
স	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
シ リ	sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
()	remote control	$\boldsymbol{\Theta}$	ball-proof (upon request)	<u>ج</u>	CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	(\mathbb{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
1965	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)
К10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)