# ZANEEN®

# 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**

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 $\frac{13}{16}$
Extension (mm): 72
Extension (in): 2 $\frac{13}{16}$
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**

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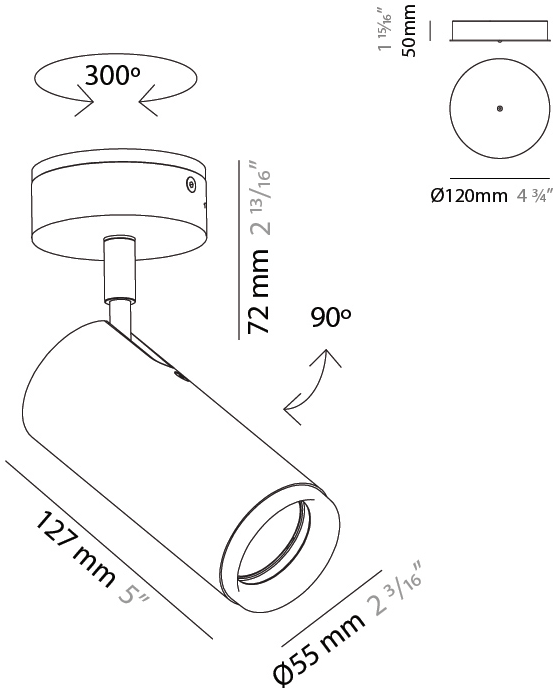CRI: >90 CRI
Lamp Life (hrs): 50000

**OPTICAL**

Beam Angle: 35
Adjustability: Rotational 300°; Tilt 90°

**RATINGS AND CERTIFICATIONS**

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





300°

90°

72 mm 2 $\frac{13}{16}$″

127 mm 5″

Ø55 mm 2 $\frac{3}{16}$″

1 $\frac{15}{16}$″ 50mm

Ø120mm 4 $\frac{3}{4}$″

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## HAUL 1 LIGHT SURFACE

D92102R9-

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May 21, 2024, 9:22 pm

# ZANEEN®

## HAUL - CEILING SURFACE

## D92105R9-_____

base number    Finish
Options

*1.To build a product code in our configurator select the specify button on the base model # product page*
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### 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): 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
Input Voltage (V): 120Vac Direct Line

### LED

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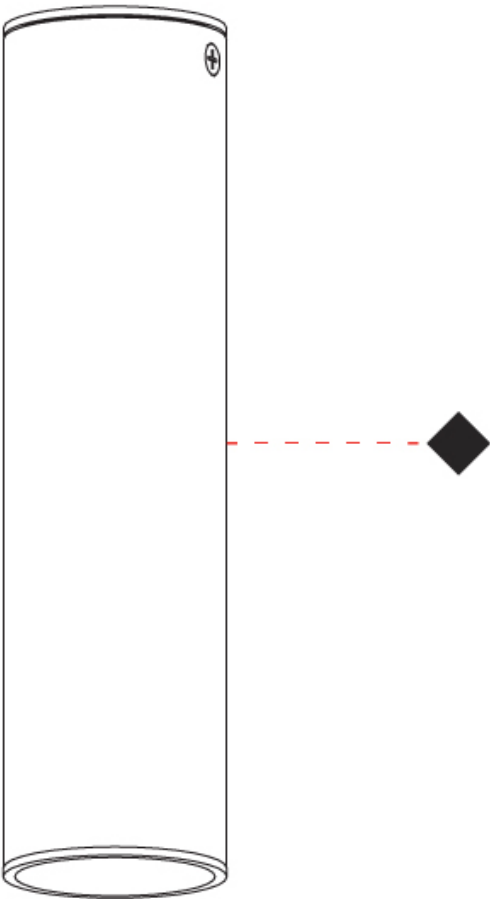CRI: >90 CRI
Lamp Life (hrs): 50000

### OPTICAL

Beam Angle: 35

### RATINGS AND CERTIFICATIONS

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

153 mm  6"

Ø40 mm  1 9/16"

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# ZANEEN®

## HAUL - CEILING SURFACE

D92105R9-

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# ZANEEN®

## HAUL 3 LIGHT SURFACE

### D92109R9-_____

base number | Finish Options

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*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 3 Light
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Downlight

**PHYSICAL**

Shape: Cylinder
Length (mm): 130
Length (in): 5 $\frac{1}{8}$
Width (mm): 40
Width (in): 1 $\frac{9}{16}$
Height (mm): 123
Height (in): 4 $\frac{13}{16}$
Light Distribution: Adjustable / Direct
Fixture Finish: MWL / MBQ
Fixture Material: Extruded Aluminum

**ELECTRICAL**

Lamp Type: LED
Input Wattage (W): 15
Total Output Wattage (W): 12
Dimming: Electronic Low Voltage Dimming
Input Voltage (V): 120Vac Direct Line

**LED**

Number of LEDs: 3
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 1500
CRI: >90 CRI
Lamp Life (hrs): 50000

**OPTICAL**

Beam Angle: 35
Adjustability: Rotational; Tilt 300°

**RATINGS AND CERTIFICATIONS**

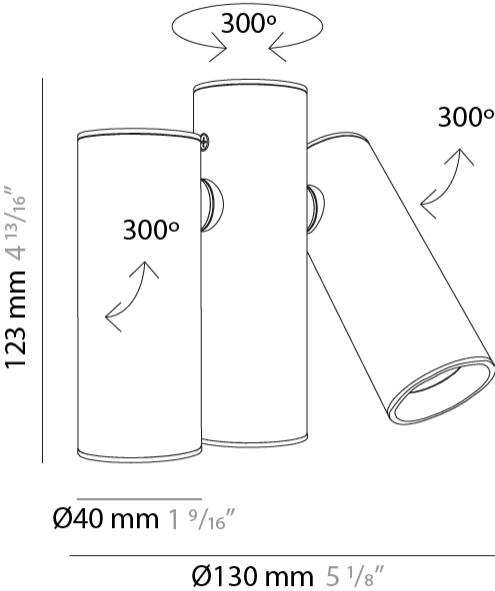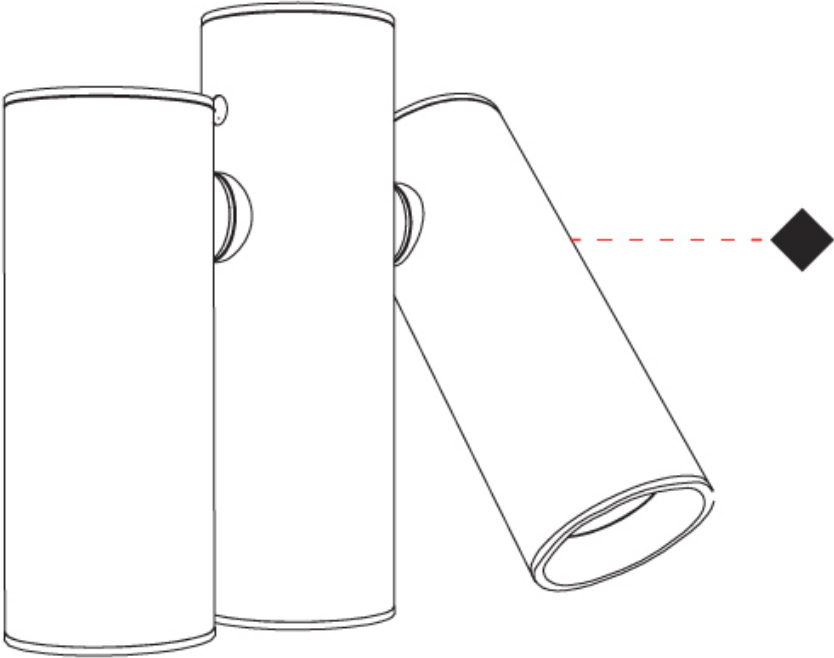Certified By: Certified for North American Standards
IP rating: IP20





300°

123 mm 4 $\frac{13}{16}$"

300°

300°

Ø40 mm 1 $\frac{9}{16}$"

Ø130 mm 5 $\frac{1}{8}$"

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# ZANEEN®

**HAUL 3 LIGHT** SURFACE

D92109R9-

D

May 21, 2024, 9:22 pm

# ZANEEN®

## HAUL 2 LIGHT SURFACE

### D92192R9-_____

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 2 Light
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Spots

**PHYSICAL**

Shape: Cylinder
Diameter (mm): 40
Diameter (in): $1\frac{9}{16}$
Width (mm): 85
Width (in): $3\frac{3}{8}$
Height (mm): 80
Height (in): $4\frac{7}{8}$
Light Distribution: Adjustable / Direct
Fixture Finish: MWL / MBQ
Fixture Material: Extruded Aluminum

**ELECTRICAL**

Lamp Type: LED
Input Wattage (W): 10
Total Output Wattage (W): 8
Dimming: Electronic Low Voltage Dimming
Input Voltage (V): 120Vac Direct Line

**LED**

Number of LEDs: 2
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 1000
CRI: >90 CRI
Lamp Life (hrs): 50000

**OPTICAL**

Beam Angle: 35
Adjustability: Rotational; Tilt 300°

**RATINGS AND CERTIFICATIONS**

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

300°

85 mm   $3\frac{3}{8}''$

123 mm   $4\frac{13}{16}''$

300°

Ø40 mm   $1\frac{9}{16}''$

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# ZANEEN®

## HAUL 2 LIGHT SURFACE

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# ZANEEN®

## 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**

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 $\frac{9}{16}$
Length (mm): 98
Length (in): 3 $\frac{7}{18}$
Height (mm): 160
Height (in): 6 $\frac{5}{16}$
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**

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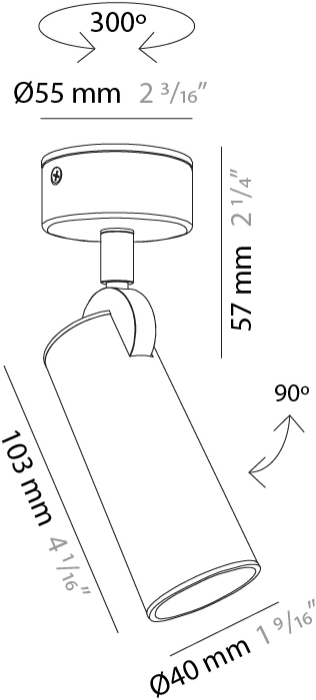Max. Delivered Lumen (lm): 500
CRI: >90 CRI
Lamp Life (hrs): 50000

**OPTICAL**

Beam Angle: 35
Adjustability: Rotational 300°; Tilt 90°

**RATINGS AND CERTIFICATIONS**

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



300°
Ø55 mm   2 $\frac{3}{16}$"

57 mm   2 $\frac{1}{4}$"

90°

103 mm   4 $\frac{1}{16}$"

Ø40 mm   1 $\frac{9}{16}$"

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May 21, 2024, 9:22 pm

# ZANEEN®

## HAUL - CEILING SURFACE

D92247-

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May 21, 2024, 9:22 pm

# ZANEEN®

## HAUL - CEILING SURFACE

### D92249-

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 - Ceiling
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Downlight

**PHYSICAL**

Shape: Cylinder
Diameter (mm): 55
Diameter (in): 2 3/16
Height (mm): 93
Height (in): 3 11/16
Light Distribution: Direct
Fixture Finish: MWL / MBQ
Fixture Material: Extruded Aluminum

**ELECTRICAL**

Lamp Type: LED
Input Wattage (W): 7
Dimming: Electronic Low Voltage Dimming
Input Voltage (V): 120Vac Direct Line

**LED**

Number of LEDs: 1
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 655
CRI: >90 CRI
Lamp Life (hrs): 50000

**OPTICAL**

Beam Angle: 35

**RATINGS AND CERTIFICATIONS**

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IP rating: IP20





93 mm   3 11/16"

Ø55 mm   2 3/16"

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## HAUL - CEILING SURFACE

D92249-

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## HAUL - CEILING SURFACE

### D92250-

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 - Ceiling
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): 210
Height (in): 8 $\frac{1}{4}$
Light Distribution: Direct
Fixture Finish: MWL / MBQ
Fixture Material: Extruded Aluminum

**ELECTRICAL**

Lamp Type: LED
Input Wattage (W): 7
Dimming: Electronic Low Voltage Dimming
Input Voltage (V): 120Vac Direct Line

**LED**

Number of LEDs: 1
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 655
CRI: >90 CRI
Lamp Life (hrs): 50000

**OPTICAL**

Beam Angle: 35

**RATINGS AND CERTIFICATIONS**

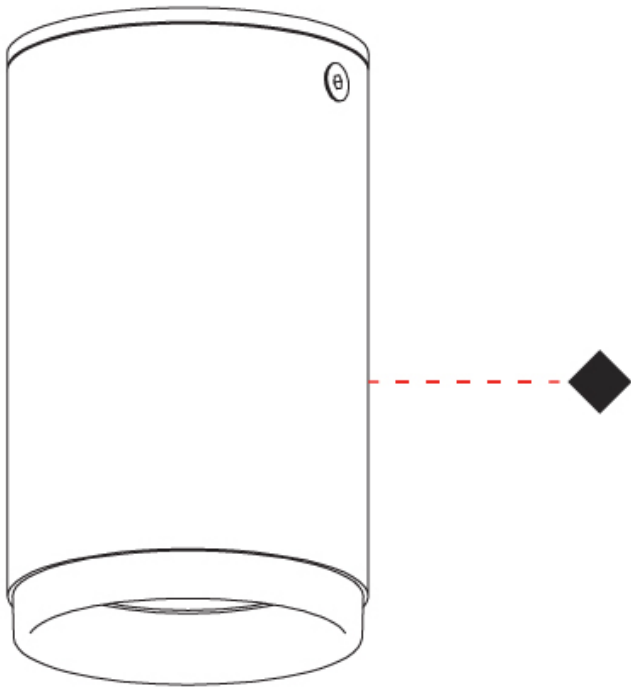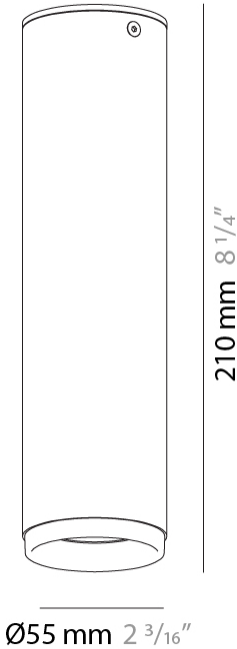Certified By: Certified for North American Standards
IP rating: IP20

210 mm 8 $\frac{1}{4}$"

Ø55 mm 2 $\frac{3}{16}$"

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## HAUL - CEILING SURFACE

### D92250-

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# ZANEEN®

## HAUL - WALL SURFACE

### D93136R9-_____

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: Up/Down Light

### PHYSICAL

Shape: Cylinder
Diameter (mm): 40
Diameter (in): 1 9/16
Height (mm): 153
Height (in): 6
Extension (mm): 61
Extension (in): 2 3/8
Light Distribution: Direct / Indirect
Fixture Finish: MWL / MBQ
Fixture Material: Extruded Aluminum

### ELECTRICAL

Lamp Type: LED
Input Wattage (W): 10
Dimming: Electronic Low Voltage Dimming
Input Voltage (V): 120Vac Direct Line

### LED

Number of LEDs: 2
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 1000
CRI: >90 CRI
Lamp Life (hrs): 50000

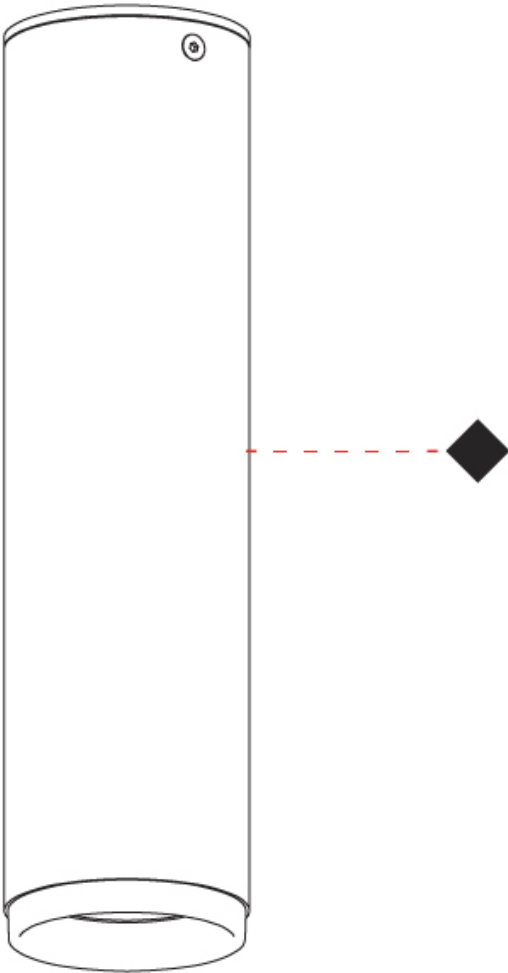### OPTICAL

Beam Angle: 35
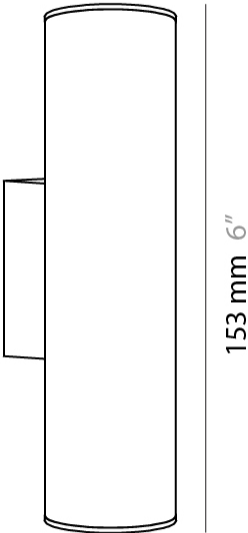
### RATINGS AND CERTIFICATIONS

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

61 mm  2 3/8"

153 mm  6"

Ø40 mm  1 9/16"

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# ZANEEN®

## HAUL - WALL SURFACE

D93136R9-

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May 21, 2024, 9:22 pm

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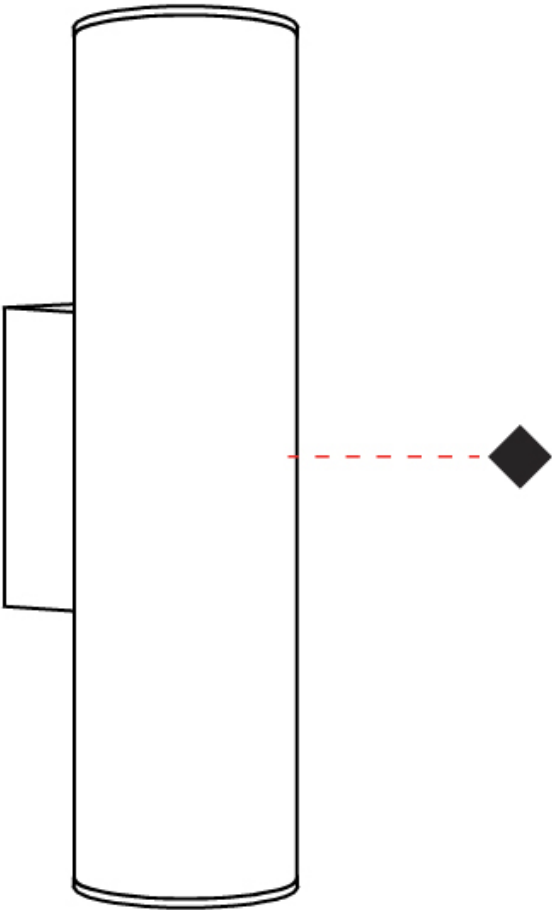
# HAUL - WALL SURFACE

## 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): $1 \frac{9}{16}$
Length (mm): 65
Length (in): $2 \frac{9}{16}$
Height (mm): 100
Height (in): $3 \frac{15}{16}$
Extension (mm): 78
Extension (in): $3 \frac{1}{16}$
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**

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
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## HAUL - WALL SURFACE

D93203R9-

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# ZANEEN®
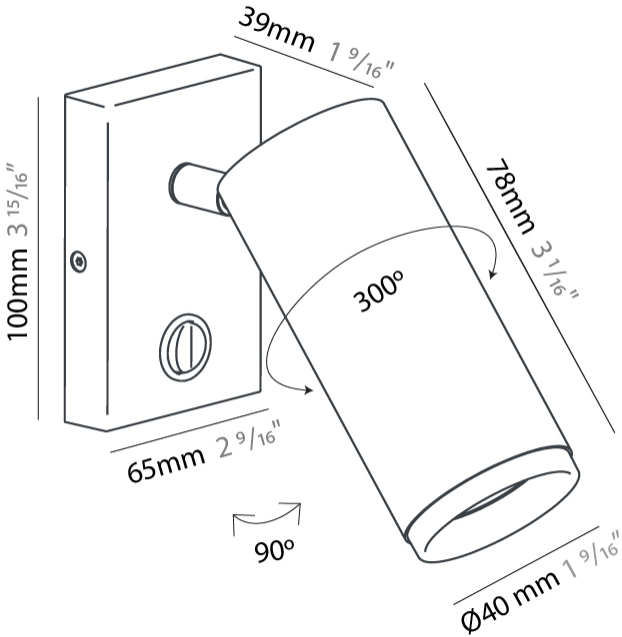
## HAUL - WALL SURFACE

## D93243-_____

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): 55
Diameter (in): 1 $\frac{9}{16}$
Length (mm): 83
Length (in): 3 $\frac{1}{4}$
Height (mm): 100
Height (in): 3 $\frac{15}{16}$
Extension (mm): 120
Extension (in): 4 $\frac{3}{4}$
Light Distribution: Adjustable / Direct
Fixture Finish: MWL / MBQ
Fixture Material: Extruded Aluminum

**ELECTRICAL**

Lamp Type: LED
Input Wattage (W): 7
Dimming: Electronic Low Voltage Dimming
Input Voltage (V): 120Vac Direct Line

**LED**

Number of LEDs: 1
Color Temperature (°K): 3000
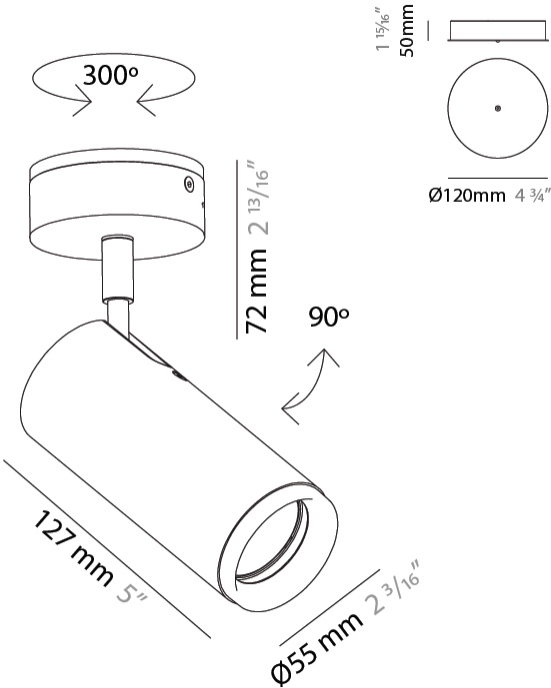Max. Delivered Lumen (lm): 665
CRI: >90 CRI
Lamp Life (hrs): 50000

**OPTICAL**

Beam Angle: 35

**RATINGS AND CERTIFICATIONS**

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





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## HAUL - WALL SURFACE

D93243-

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# ZANEEN®

# 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 $\frac{9}{16}$
Length (mm): 85
Length (in): 3 $\frac{3}{8}$
Extension (mm): 120
Extension (in): 4 $\frac{3}{4}$
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
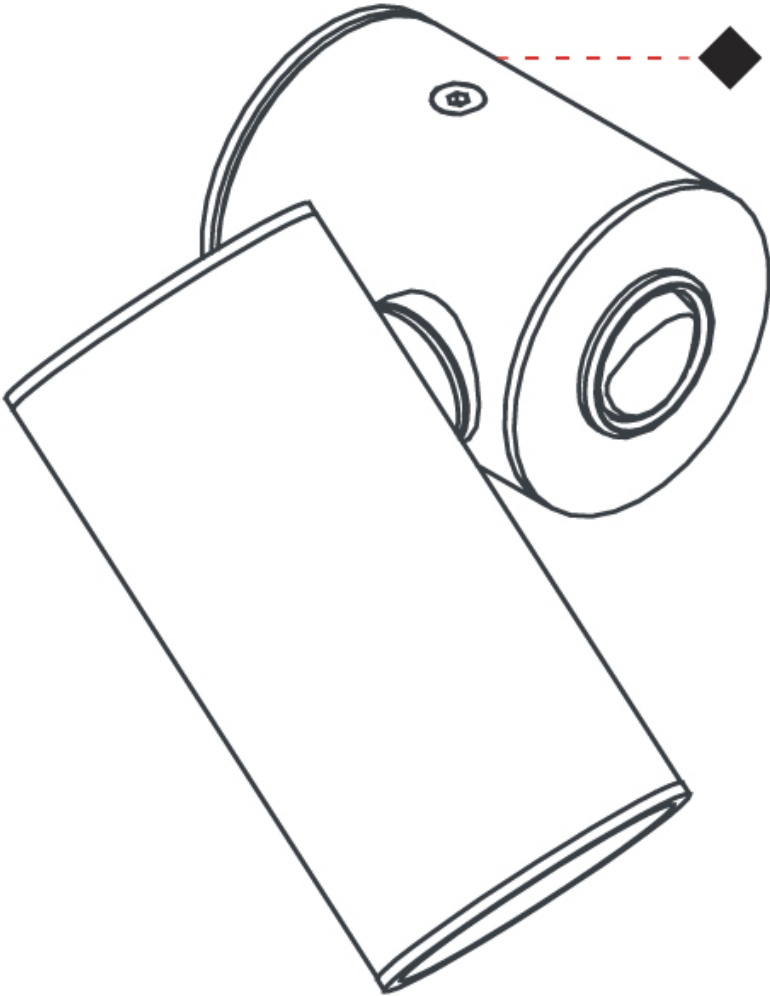CRI: >90 CRI
Lamp Life (hrs): 50000

### OPTICAL

Beam Angle: 35

### RATINGS AND CERTIFICATIONS

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





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# ZANEEN®

## HAUL - WALL SURFACE

D93244-

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# ZANEEN®

## HAUL
**COLOR FINISH CHART**

**Fixture Finish**

Matte White Lacquer - MWL

Matte Black Lacquer - MBQ

**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®

## HAUL

## LEGEND

| | | | | | |
|---|---|---|---|---|---|
| ↓ | floor-mounted | ⧖ | pivotable | ✳ | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ |
| ↗ | wall and ceiling: recessed and surface mounted | ↻ | rotating | ☼ | warm dim / natural dimming LED |
| ↑ | ceiling-mounted and wall-mounted | ⤢ | illuminate tilted | 🔋 | rechargeable battery powered |
| → | wall-mounted | ⊥ | color of suspension cable | ▥ | fixture with natural vivid LED (upon request) |
| | omni-directional light distribution | ⬇ | length of suspension cable | CRI | color rendering index |
| | direct light distribution | ⌂ | reflector degree selection | °K | color temperature |
| | direct/indirect light distribution | s\|s | super spot | LM | lumen (luminous flux) |
| | indirect light distribution | ⚖ | lens | LM/W | efficacy (lumens per watt) |
| | asymmetric light distribution | ⊗ | lens pack | UGR | Unified Glare Rating (UGR) range from 5-40 |
| | aura light distribution | ◯ | shine ring | ⚓ | marine grade (AISI 316 stainless steel) |
| | round wall or ceiling cut-out | ⊙ | integrated shine ring with diffuser | | walk on |
| | square wall or ceiling cut-out | ▮ | free individual colors 01-29 | | drive on |
| | the supplied jig specifies the cutout dimensions | ▯c | individual colors: 00 (free of charge), 01-25 (extra charge) | DSC | Dark Sky Compliance |
| | minimum distance (meters) lamp - object | ◆ | luminaire part to be colored (F1) | ♿ | 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) | ◀)) | 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 |
| | separately switchable | ⊛ | indirect diffuser | ETL | ETL Certified to UL and CSA Standards |
| | sensor | Ⓓ | direct diffuser | UL | UL Certified to UL and CSA Standards |
| | remote control | ⚽ | ball-proof (upon request) | CSA | CSA Certified to UL and CSA Standards |
| | available upon request | 📎 | accessory | Ⓩ | 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<br>protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP40 | protected against ingress of solid bodies greater than 1mm (wire)<br>no protection against the ingress of moisture |
| IP43 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against water splashed from all directions |
| IP54 | protected against limited ingress of dust (wet rooms/covered outdoor areas)<br>protected against water splashed from all directions |
| IP65 | protected against ingress of dust<br>protected against jets of water |
| IP66 | protected against ingress of dust<br>protected against powerful jets of water or heavy seas |
| IP67 | protected against ingress of dust<br>protected against immersion of water between 15cm - 1m for 30 minutes |
| IP68 | protected against ingress of dust<br>protected against immersion of water under pressure for long periods |

## IK RATING

| | |
|---|---|
| IK01 | 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) |
| 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) |
| 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) |
| 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) |
| IK10 | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface) |