

#### 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 |  |

| Mounting Type: Surface                  |
|---|
| Mounting Location: Wall                 |
| Subcategory: On/Off Switch              |
| PHYSICAL                                |
| Shape: Cylinder                         |
| Diameter (mm): 40                       |
| Diameter (in): 1 % 16                   |
| Length (mm): 65                         |
| Length (in): 2 % 16                     |
| Height (mm): 100                        |
| Height (in): 3 15/16                    |
| Extension (mm): 78                      |
| Extension (in): 3 ½                     |
| Light Distribution: Adjustable / Direct |
| Fixture Finish: MWL / MBQ               |
| Fixture Material: Extruded Aluminum     |
| TI TOTAL CALL                           |

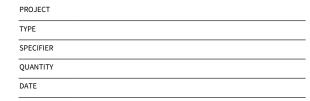
| ELECTRICAL                              |  |
|---|--|
| Lamp Type: LED                          |  |
| Input Wattage (W): 5                    |  |
| Dimming: Electronic Low Voltage Dimming |  |
| Input Voltage (V): 120Vac Direct Line   |  |
| LED                                     |  |
| Number of 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°

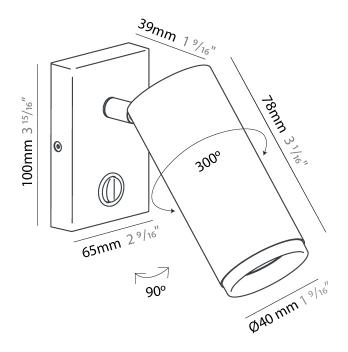
#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP20





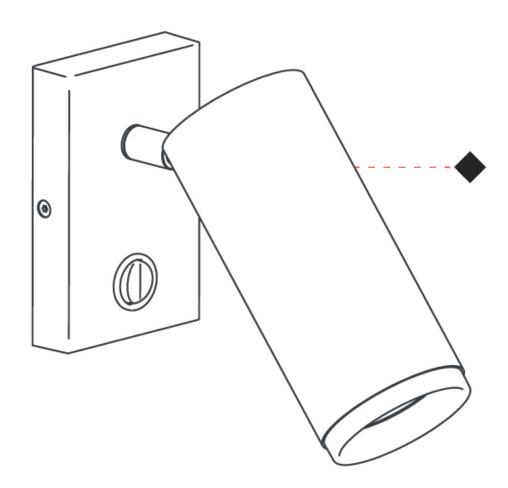






D93203R9-

| PROJECT   |   |
|-----------|---|
| ТҮРЕ      |   |
| SPECIFIER | _ |
| QUANTITY  |   |
| DATE      |   |





# **ZANEEN**®

# **HAUL - WALL SURFACE**

#### D93243-

base number

Finish Options

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#### GENERAL

| Series: Haul                           |  |
|--|--|
| Subseries: Haul - Wall                 |  |
| Brand: Milan                           |  |
| Division: Design                       |  |
| Mounting Type: Surface                 |  |
| Mounting Location: Wall                |  |
| Code and a composition of the constant |  |

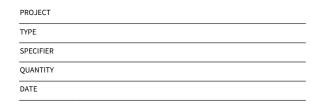
| Mounting Location: Wall                       |
|---|
| Subcategory: On/Off Switch                    |
| PHYSICAL                                      |
| Shape: Cylinder                               |
| Diameter (mm): 55                             |
| Diameter (in): 1 $^{9}\!\!/_{16}$             |
| Length (mm): 83                               |
| Length (in): 3 1/4                            |
| Height (mm): 100                              |
| Height (in): 3 15/16                          |
| Extension (mm): 120                           |
| Extension (in): 4 <sup>3</sup> / <sub>4</sub> |
| Light Distribution: Adjustable / Direct       |
| Fixture Finish: MWL / MBQ                     |
| Fixture Material: Extruded Aluminum           |
| ELECTRICAL                                    |

#### ELECTRICAL

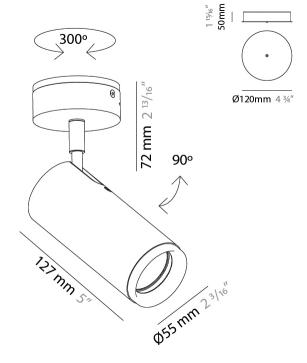
| Lamp Type: LED                          |
|---|
| Input Wattage (W): 7                    |
| Dimming: Electronic Low Voltage Dimming |
| Input Voltage (V): 120Vac Direct Line   |
| LED                                     |
| Number of LEDs: 1                       |
| Color Temperature (°K): 3000            |
| 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                                      |
|  |





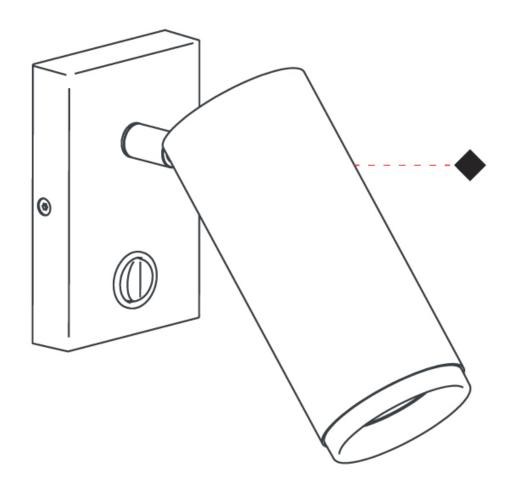






D93243-

| PROJECT   |  |
|-----------|--|
| ТҮРЕ      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |





# **ZANEEN**®

# **HAUL - WALL SURFACE**

#### D93244-

base number

Finish Options

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#### GENERAL

| Series: Haul               |  |
|----------------------------|--|
| Subseries: Haul - Wall     |  |
| Brand: Milan               |  |
| Division: Design           |  |
| Mounting Type: Surface     |  |
| Mounting Location: Wall    |  |
| Subcategory: On/Off Switch |  |

#### PHYSICAL

| PHISICAL                                      |
|---|
| Shape: Cylinder                               |
| Diameter (mm): 40                             |
| Diameter (in): 1 1/16                         |
| Length (mm): 85                               |
| Length (in): 3 3/8                            |
| Extension (mm): 120                           |
| Extension (in): 4 <sup>3</sup> / <sub>4</sub> |
| 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                                 |

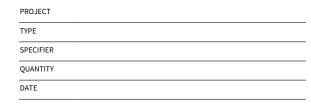
#### OPTICAL

Beam Angle: 35

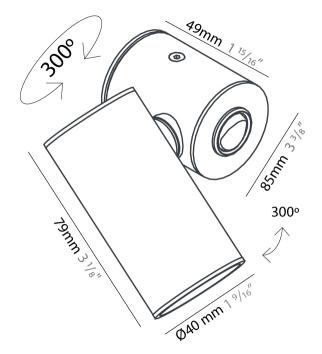
#### RATINGS AND CERTIFICATIONS

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

IP rating: IP20





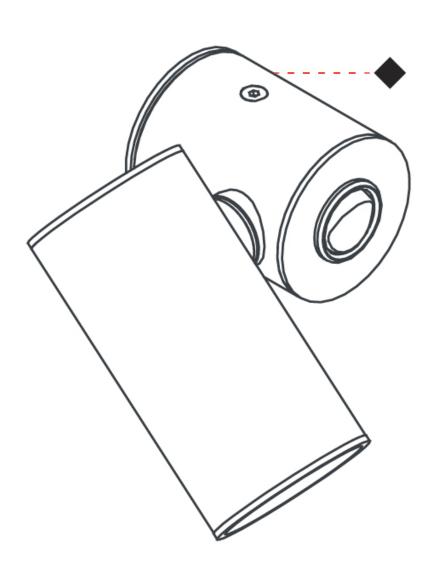






D93244-

| PROJECT   |   |
|-----------|---|
| ГҮРЕ      | _ |
| SPECIFIER | _ |
| QUANTITY  | _ |
| DATE      | _ |



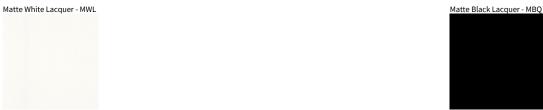




# **HAUL**

| PROJECT   |  |  |  |
|-----------|--|--|--|
| TYPE      |  |  |  |
| SPECIFIER |  |  |  |
| QUANTITY  |  |  |  |
| DATE      |  |  |  |

#### **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.





# **HAUL**

| PROJECT   |
|-----------|
| ТҮРЕ      |
| SPECIFIER |
| QUANTITY  |
| DATE      |
| QUANTITY  |

# **LEGEND**

| <u></u>       | floor-mounted  | ¥         | pivotable  | ⊛               | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+                    |
|---------------|--|-----------|--|-----------------|--|
| 7             | wall and ceiling: recessed and surface mounted               | S         | 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                                    | In-sec          | fixture with natural vivid LED (upon request)  |
| Y             | omni-directional light distribution                          | <b>←…</b> | length of suspension cable                                   | CRI             | color rendering index  |
|               | 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   |
| A             | 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                          | 30              | walk on  |
| Z)            | square wall or ceiling cut-out                               |           | free individual colors 01-29                                 | <b>9</b>        | drive on   |
| 4             | the supplied jig specifies the cutout dimensions             | 0         | individual colors: 00 (free of charge), 01-25 (extra charge) | DSC             | Dark Sky Compliance  |
| <b>□</b> *,*  | minimum distance (meters) lamp - object                      | <b>♦</b>  | 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   | lack      | luminaire part to be colored (F2)                            |                 | lamp protected against explosion   |
| <u></u>       | ceiling thickness in mm                                      |           | luminaire part to be colored (F3)                            | (A)             | blown glass using traditional methods by master glass blower                                   |
| 1             | ceiling thickness selection                                  |           | luminaire part to be colored (F4)                            | <b>(</b> )      | acoustic material  |
|               | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)    |           | luminaire part to be colored (F5)                            |                 | protection class I, protection insulation  |
| <u>جه</u>     | included or excluded LED driver/transformer/<br>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   | 0         | direct diffuser  | շ <b>(Մ</b> ) տ | UL Certified to UL and CSA Standards   |
|               | remote control   | 0         | ball-proof (upon request)                                    | <b>(1)</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<br>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)   |
|-------------|---|
| <b>ІКОЗ</b> | 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