## **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

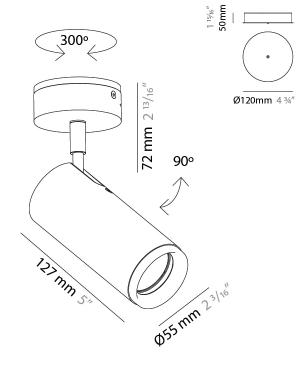
Adjustability: Rotational 300°; Tilt 90° **RATINGS AND CERTIFICATIONS** 

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 <sup>3</sup> / <sub>16</sub>
Height (mm): 127
Height (in): 5
Max. Overall Height (mm): 199
Max. Overall Height (in): 7 <sup>13</sup> / <sub>16</sub>
Extension (mm): 72
Extension (in): 2 <sup>13</sup> / <sub>16</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

### PROJECT TYPE SPECIFIER QUANTITY DATE





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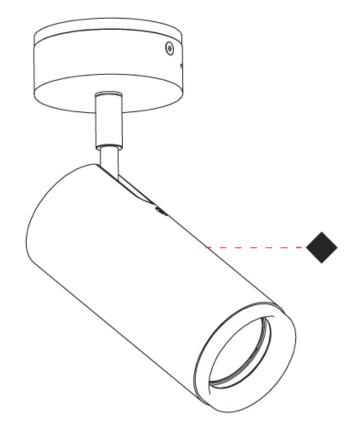
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HAUL 1 LIGHT SURFACE

D92102R9-

PROJECT

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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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 %_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 . . . Νι..

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

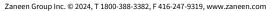
Certified By: Certified for North American Standards IP rating: IP20



DATE			
QUANTITY			
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TYPE			
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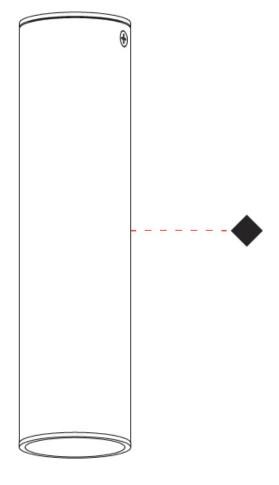




## **HAUL - CEILING SURFACE**

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# **HAUL 3 LIGHT SURFACE**

### D92109R9-

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

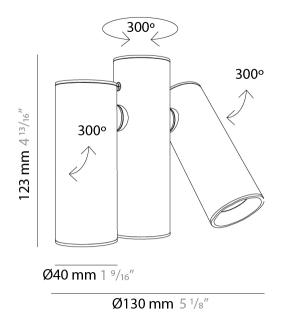
Series: Haul
Subseries: Haul 3 Light
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Cylinder
Length (mm): 130
Length (in): 5 $\frac{1}{8}$
Width (mm): 40
Width (in): 1 <sup>9</sup> / <sub>16</sub>
Height (mm): 123
Height (in): 4 <sup>13</sup> / <sub>16</sub>
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°
DATINGS AND CERTIFICATIONS

#### **RATINGS AND CERTIFICATIONS**

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

PROJECT	
ТҮРЕ	
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QUANTITY	
DATE	



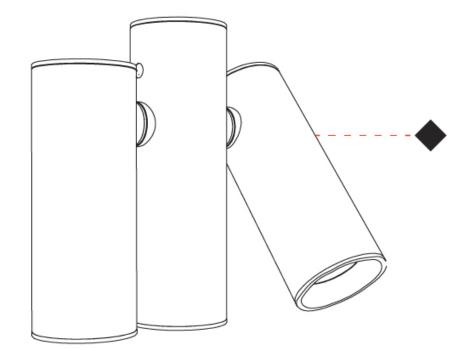


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**HAUL 3 LIGHT SURFACE** 

D92109R9-

PROJECT
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Page 6/24



# **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

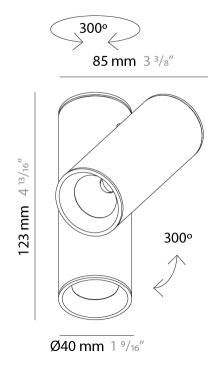
Series: Haul
Subseries: Haul 2 Light
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Spots
PHYSICAL
Shape: Cylinder
Diameter (mm): 40
Diameter (in): 1 <sup>9</sup> / <sub>16</sub>
Width (mm): 85
Width (in): 3 <sup>3</sup> / <sub>8</sub>
Height (mm): 80
Height (in): 4 <sup>7</sup> / <sub>8</sub>
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	

PROJECT			
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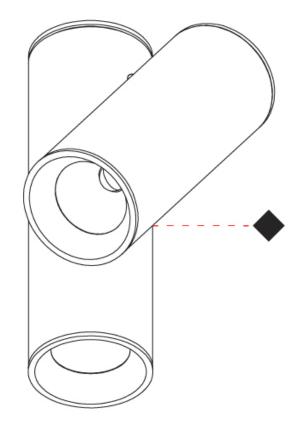
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# HAUL 2 LIGHT SURFACE

D92192R9-

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TYPE			
SPECIFIER			
QUANTITY			
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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 <sup>9</sup> / <sub>16</sub>	
Length (mm): 98	
Length (in): $3\frac{7}{18}$	
Height (mm): 160	
Height (in): 6 <sup>5</sup> / <sub>16</sub>	
Light Distribution: Adjustable / Direct	
Fixture Finish: MWL / MBQ	
Fixture Material: Extruded Aluminum	
ELECTRICAL	
Lamp Type: LED	
lanut Mattana (M), F	

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°

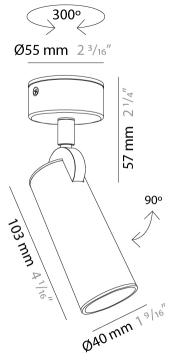
#### **RATINGS AND CERTIFICATIONS**

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IP rating: IP20	



TYPE SPECIFIER QUANTITY DATE





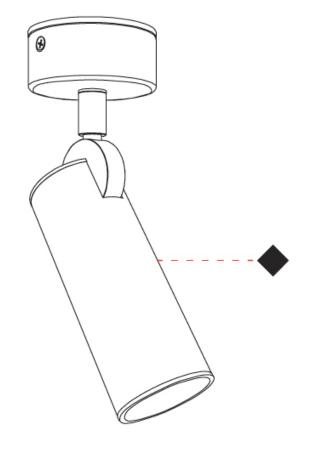
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**HAUL - CEILING SURFACE** 

D92247-

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QUANTITY	
DATE	



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# **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 <sup>3</sup> / <sub>16</sub>
Height (mm): 93
Height (in): 3 <sup>11</sup> / <sub>16</sub>
Light Distribution: Direct
Fixture Finish: MWL / MBQ
Fixture Material: Extruded Aluminum
ELECTRICAL

.amp Type: LED	
nput Wattage (W): 7	
Dimming: Electronic Low Voltage Dimming	
nput Voltage (V): 120Vac Direct Line	

### LED

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

### Beam Angle: 35

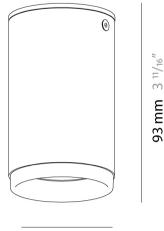
RATINGS AND CERTIFICATIONS

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



PROJECT			
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QUANTITY			
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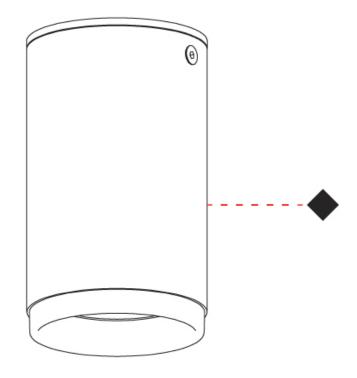


Ø55 mm 2 3/16"

### **HAUL - CEILING SURFACE**

D92249-

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QUANTITY			
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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 <sup>1</sup> / <sub>4</sub>
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

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

### Beam Angle: 35

**RATINGS AND CERTIFICATIONS** 

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



PROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE





Ø55 mm 2 3/16"

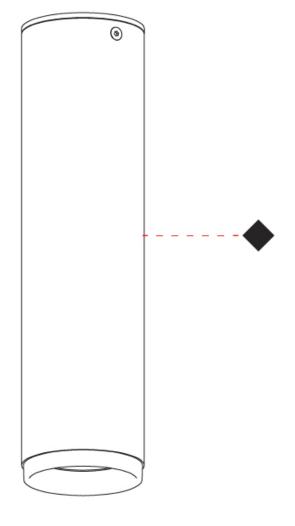


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## **HAUL - CEILING SURFACE**

D92250-

DATE			
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### HAUL TRACK

### D96070-

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
Brand: Milan
Division: Design
Mounting Type: Track
Mounting Location: Ceiling
Subcategory: Spots
PHYSICAL
Shape: Cylinder
Diameter (mm): 40
Diameter (in): 1 <sup>9</sup> / <sub>16</sub>
Height (mm): 203
Height (in): 8
Max. Overall Height (mm): 1300
Max. Overall Height (in): 51 $\frac{3}{16}$
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
Reflector°: 35

Beam Angle: 35

#### RATINGS AND CERTIFICATIONS

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



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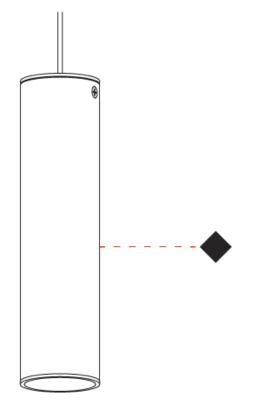


HAUL TRACK

D96070-

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### **HAUL TRACK**

#### D96071-

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
Brand: Milan
Division: Design
Mounting Type: Track
Mounting Location: Ceiling
Subcategory: Spots
PHYSICAL
Shape: Cylinder
Diameter (mm): 55
Diameter (in): 2 <sup>3</sup> / <sub>16</sub>
Height (mm): 203
Height (in): 8
Max. Overall Height (mm): 1300
Max. Overall Height (in): 51 $\frac{3}{16}$
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): 665
CRI: >90 CRI
Lamp Life (hrs): 50000
OPTICAL

Reflector°: 35

Beam Angle: 35

### **RATINGS AND CERTIFICATIONS**

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



PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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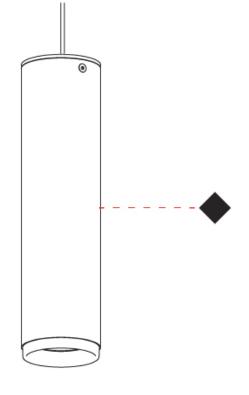


HAUL TRACK

D96071-

PROJECT

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SPECIFIER
QUANTITY
DATE



### **HAUL TRACK**

### D96072-

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

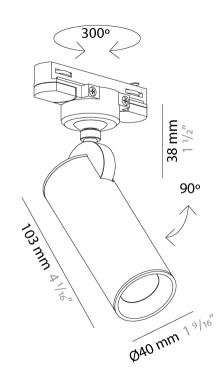
Series: Haul	
Brand: Milan	
Division: Design	
Mounting Type: Track	
Mounting Location: Ceiling	
Subcategory: Spots	
PHYSICAL	
Shape: Cylinder	
Diameter (mm): 40	
Diameter (in): 1 <sup>9</sup> / <sub>16</sub>	
Height (mm): 203	
Height (in): 8	
Max. Overall Height (mm): 1300	
Max. Overall Height (in): 51 <sup>3</sup> / <sub>16</sub>	
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	
Color Temperature (°K): 3000	
Max. Delivered Lumen (lm): 500	
CRI: >90 CRI	
Lamp Life (hrs): 50000	
OPTICAL	
Reflector°: 35	
Beam Angle: 35	

#### **RATINGS AND CERTIFICATIONS**

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

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





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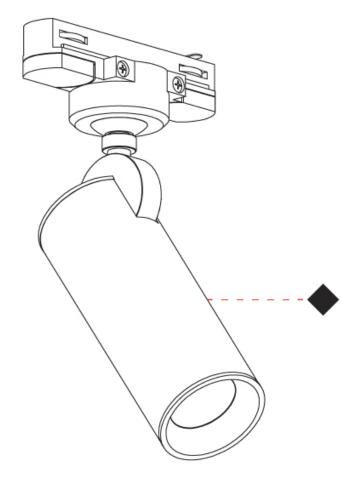


HAUL TRACK

D96072-

PROJECT

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		



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### **HAUL TRACK**

### D96073-

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
Brand: Milan
Division: Design
Mounting Type: Track
Mounting Location: Ceiling
Subcategory: Spots
PHYSICAL
Shape: Cylinder
Diameter (mm): 55
Diameter (in): 2 <sup>3</sup> / <sub>16</sub>
Height (mm): 203
Height (in): 8
Max. Overall Height (mm): 1300
Max. Overall Height (in): 51 <sup>3</sup> / <sub>16</sub>
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): 665
CRI: >90 CRI
Lamp Life (hrs): 50000
OPTICAL
Reflector°: 35

Beam Angle: 35

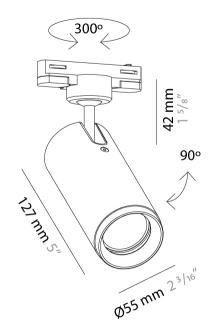
#### **RATINGS AND CERTIFICATIONS**

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



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.

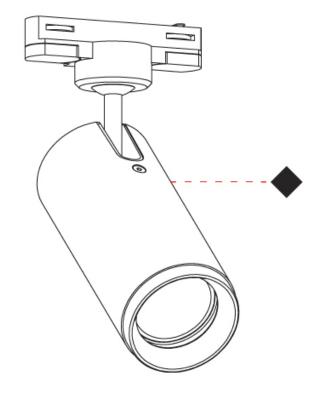


HAUL TRACK

D96073-

PROJECT

ТҮРЕ
SPECIFIER
QUANTITY
DATE



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### HAUL COLOR FINISH CHART

PROJECT

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	

#### **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.

HAUL

PROJECT

PROJEC

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	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	<del>~</del>	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	<b>°К</b>	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
$\mathbf{\mathbf{Y}}$	indirect light distribution	*	lens	₩.	efficacy (lumens per watt)
	asymmetric light distribution	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	318	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	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	<b>B</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
<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
<b>シ</b> リ	sensor	D	direct diffuser	c (UL) us	UL Certified to UL and CSA Standards
()	remote control	$\odot$	ball-proof (upon request)	SP:	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
1966	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)