

# Zero 12 Mini Track



## Body

Zero 12 is a low voltage miniature spot designed & developed for retail, showcase display, and museum lighting applications. Tiny yet mighty this ultra-miniature track spot is 12.5 x 12.5 mm in size and is compatible with anti-glare accessories such as snoot or filter with a simple magnetic fixing mechanism.

Tiltable vertically 0-90° and rotatable horizontally 330°. Zero 12 delivers high-intensity values and remains almost invisible even from a shorter distance. Available only for track installation.

## Accessories

- Snoot
- All accessories are magnet-fixed, toolless, easily replaceable. See page 20-21.

## Finish

Powder coat in black, white or gold colour.

## LED sources

High power LED chip.  
CRI > 97  
R9 > 90

## Optic

Lens.  
Beam angle: elliptical (22° x 47°) / 21° / 29°

## Driver

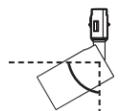
24V DC dimmable driver integrated into the track adapter. Remote power supply unit to be ordered separately. Non polarized driver fixture can be installed in both directions.

## Applications

A modern design consisting of the purpose to meet the highest requirements of the latest advanced lighting technology. Application areas: watch & jewelry showcases, retail, museums.

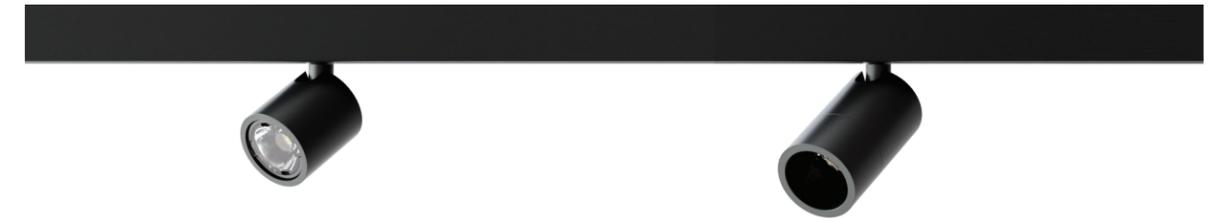


Rotatable  
Horizontally 330°

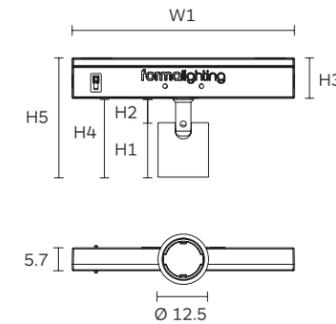


Tiltable  
Vertically  
0°-90°

# Zero 12 Mini Track

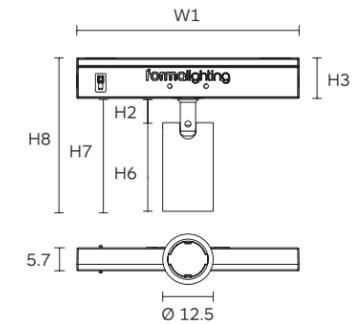


Zero 12

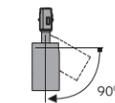


Name of Dimension	Dimension in mm
<b>W1</b>	55
<b>H1</b>	13.5
<b>H2</b>	6.1
<b>H3</b>	10
<b>H4</b>	19.6
<b>H5</b>	29.6

Zero 12 Alto



Name of Dimension	Dimension in mm
<b>W1</b>	55
<b>H2</b>	6.1
<b>H3</b>	10
<b>H6</b>	22
<b>H7</b>	28.1
<b>H8</b>	38.1



Code ordering example: **G 9 6 4 B O 1 1 - 9 7 3 0 2 1 2 4 1 0**

	Product Code	Light Source Code*	>CRI	CCT	LED Power	Nominal Lumen	Beam Angle (BA°)	Driver Options	Finish	
Zero 12	<b>G964</b>	<b>BO11</b>	High Power LED	<b>97</b>	<b>30</b> 3000K	1W	90 lm	<b>21 / 29 / EL</b>	<b>24</b> 24V No Dim	<b>10</b> ■ Black <b>11</b> □ White <b>35</b> ■ Gold
Zero 12 Alto	<b>G966</b>				<b>40</b> 4000K					

## Optical Accessories



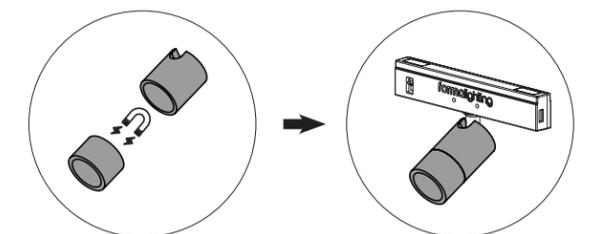
**Snoot**  
Colours 10, 11, 35

Product / Optical Accessories

Zero 12

**G2A5**

Snoot installed with Magnet fixing

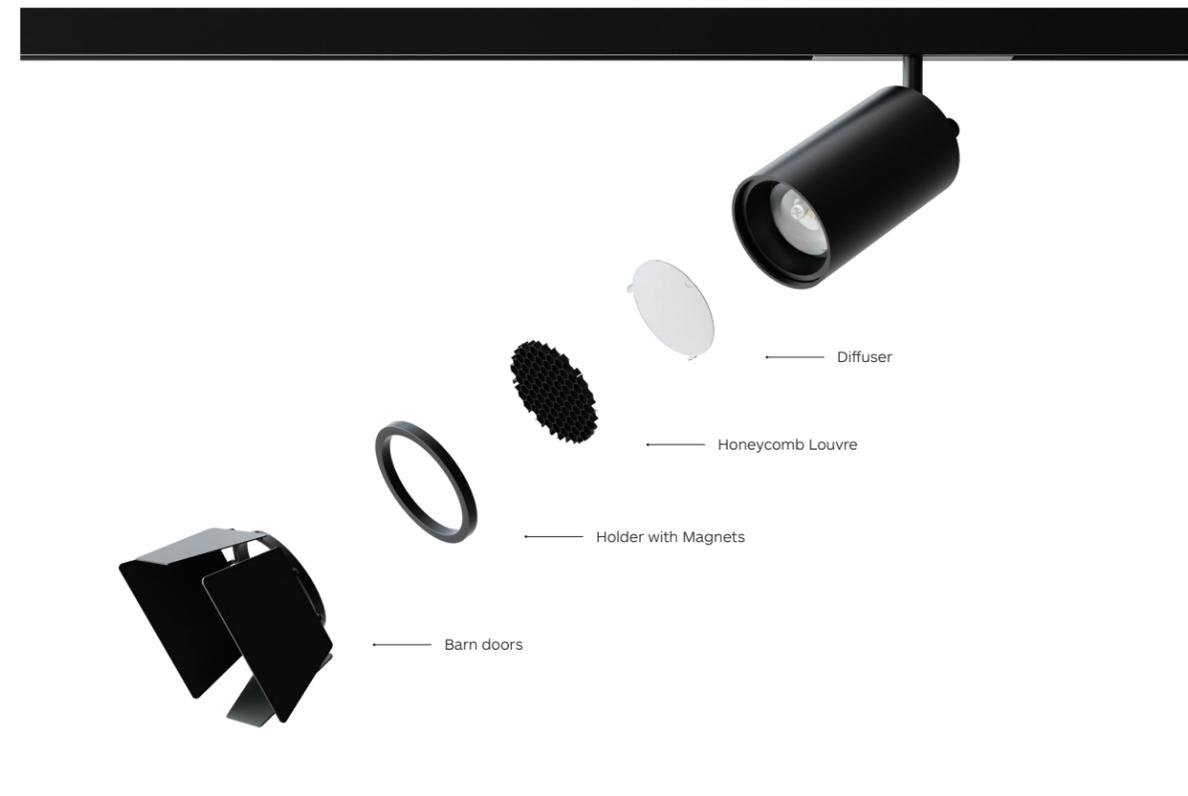


### Notes:

- \* For complete code ordering information, please see page 61.
  - \*\* For other CCT options, please contact us.
- For the most updated product information, please go to our website.  
**EL**: Elliptical Beam (22° x 47°).

# Zero 33 Mini Track

Zoom 8°-80°



## Body

Low Voltage miniature track spot with 30x30mm size, this newly innovative projector delivers extremely high-intensity values.

Zero 33 is a distinctive, fully adjustable spotlight that features an onboard beam angle adjustment (8-80°) to resolve the most complex focal points & the dimming control (1-100%) to adjust the light's intensity while remaining invisible from the short distances.

Optical accessories like flap system/ honeycomb and filters are available and easy to install by a unique magnet system.

## Accessories

Diffuser or color filter, Honeycomb, Flap System. All accessories are magnet-fixed, toolless, easily replaceable.

## Finish

Powder coat in black or white colour.

## LED sources

High power LED chip. CRI 90 or 97 Options R9>60 or 90 options

## Optic

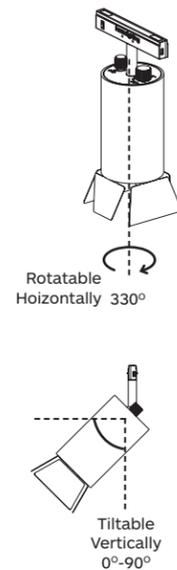
Innovative Zoom glass lens optics with beam angle range 8-80°

## Driver

DC dimmable driver integrated into the track adapter.

## Applications

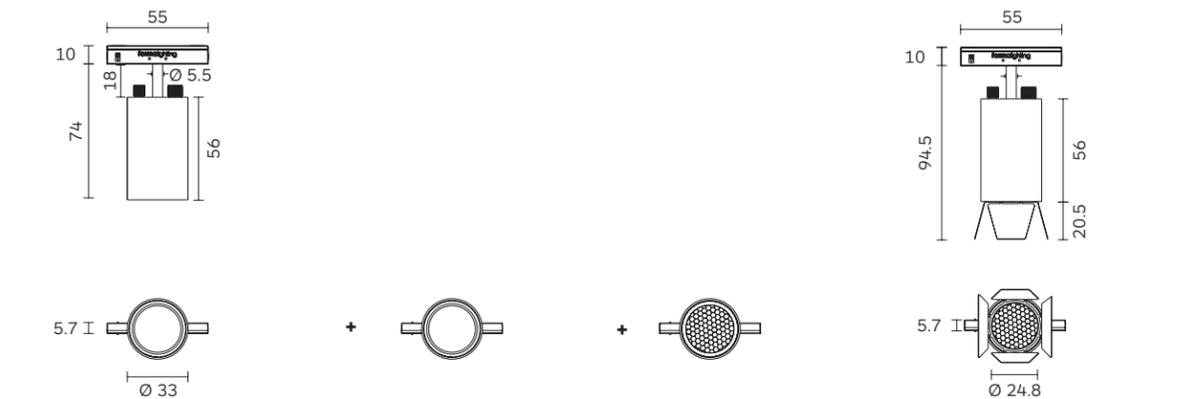
A modern design consisting of the purpose to meet the highest requirements of the latest advanced lighting technology. Application areas: watch & jewellery showcases, retail, museums, hospitality, residential, offices, lobbies.



# Zero 33 Mini Track



without Accessory      with Filter      with Honeycomb      with Honeycomb & Barn doors



Code ordering example: **G 9 6 3 B R 2 1 - 9 0 3 0 B S 2 4 1 0**

	Product Code	Light Source Code*	>CRI	CCT	LED Power	Nominal Lumen	Beam Angle (BA°)	Driver Options	Finish	
Zero 33 Mini Track	<b>G963</b>	<b>BR21</b>	High Power LED	<b>90</b>	<b>30</b> 3000K	4.5W	487 lm	<b>BS</b> (8-80°)	<b>24</b> 24V No Dim	<b>10</b> ■ Black
					<b>40</b> 4000K		538 lm	<b>2D</b> 24V Dim	<b>11</b> □ White	<b>35</b> ■ Gold

### Notes:

- \* For complete code ordering information, please see page 61.
- \*\* For other CCT options, please contact us.
- For the most updated product information, please go to our website.
- BS:** Beam shaping, Beam Angle: 8-80°.

# Zero 33 Surface

Zoom 8°-80°



## Body

Low Voltage miniature surface-mounted spotlight with 30 x 30 mm size, this newly innovative projector delivers extremely high-intensity values.

Zero is a distinctive, fully adjustable spotlight that features an onboard beam angle adjustment (8-80°) to resolve the most complex focal points & onboard dimming control (1-100%) to adjust the light's intensity while remaining invisible from the short distances.

Tiltable vertically 0-90° and rotatable horizontally 330°. Optical accessories like flap system / honeycomb and filters are available and easy to install by a unique magnet system.

## Accessories

- Diffuser or color filter
- Honeycomb
- Barn doors

All accessories are magnet-fixed, toolless, easily replaceable. See page 20-21.

## Finish

Powder coat in black, white or gold colour.

## LED sources

High power LED chip. CRI 90 or 97 Options R9>60 or 90 options

## Optic

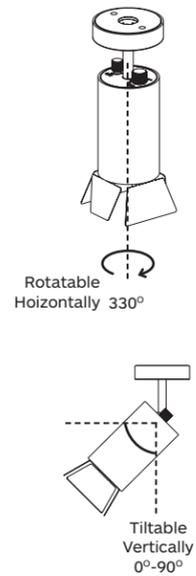
Innovative Zoom glass lens optics with beam angle range 8-80°

## Driver

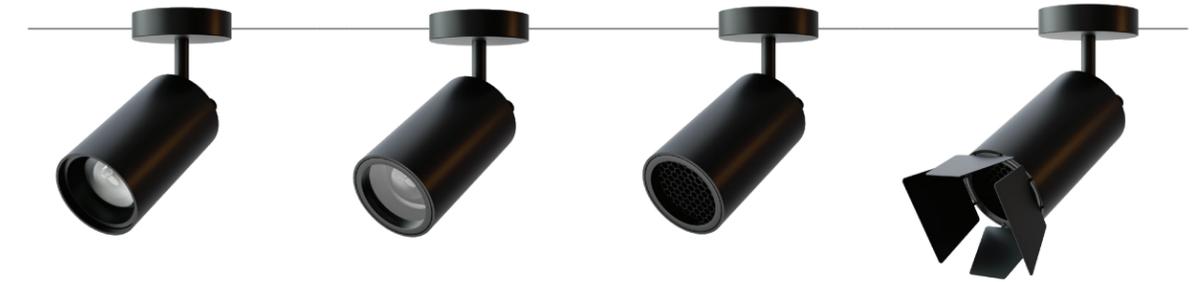
24V DC dimmable driver integrated into the track adapter. Remote power supply unit to be ordered separately.

## Applications

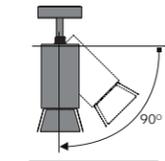
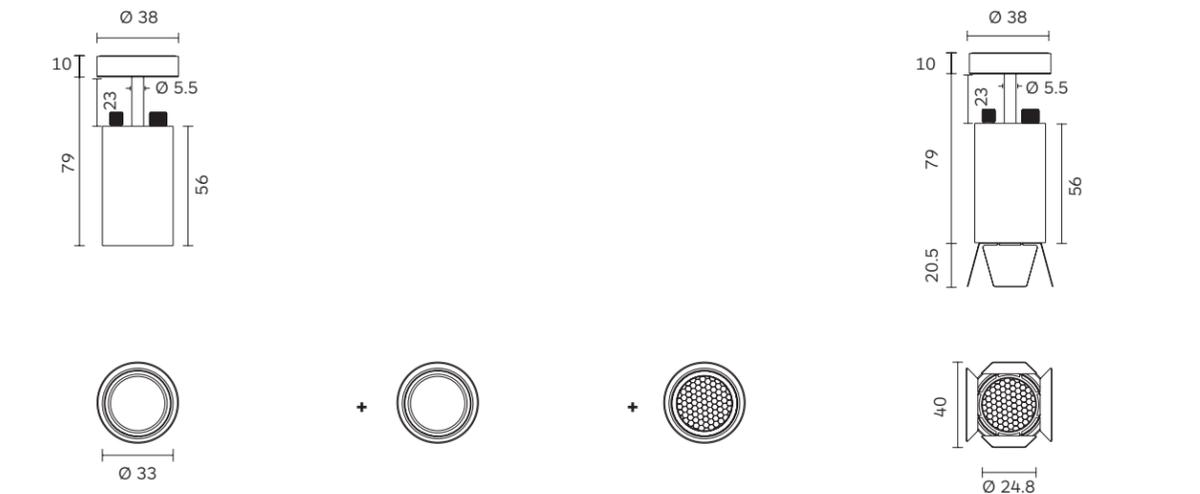
A modern design consisting of the purpose to meet the highest requirements of the latest advanced lighting technology. Application areas: watch & jewellery showcases, retail, museums, hospitality, residential, offices, lobbies.



# Zero 33 Surface



without Accessory      with Filter      with Honeycomb      with Honeycomb & Barn doors



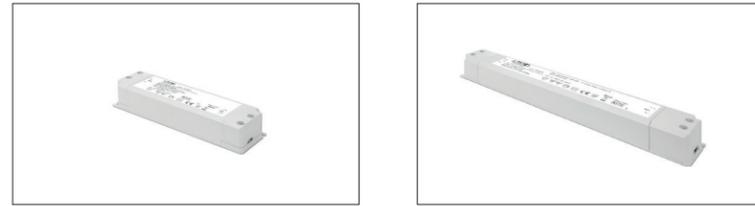
Code ordering example: **G 9 1 2 B R 2 1 - 9 0 3 0 B S 2 4 1 0**

	Product Code	Light Source Code*	>CRI	CCT	LED Power	Nominal Lumen	Beam Angle (BA°)	Driver Options	Finish	
Zero 33 Surface	<b>G912</b>	<b>BR21</b>	High Power LED	<b>90</b>	<b>30</b> 3000K	4.5W	487 lm	<b>BS</b> (8-80°)	<b>24</b> 24V No Dim	<b>10</b> ■ Black
					<b>40</b> 4000K		538 lm		<b>2D</b> 24V Dim	<b>11</b> □ White
									<b>35</b> ■ Gold	

**Notes:**  
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**BS:** Beam shaping, Beam Angle: 8-80°.

# Power Supply

## Power Supply



**Power Supply**  
IP20

**Power Supply**  
IP20

Vin = 220-240VAC 50/60Hz  
Vout = 24VDC 2.5A 60W Max.

Vin = 220-240VAC 50/60Hz  
Vout = 24VDC 5A 120W Max.

Code	G2D1	G2D2
Size	180(L) x 52(W) x 30(H)	300(L) x 40(W) x 30(H)

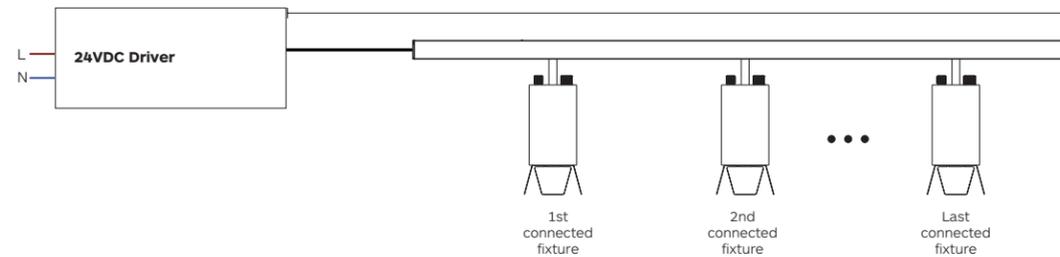


## Wiring Diagram

### Power supply for Zero Low Voltage Track

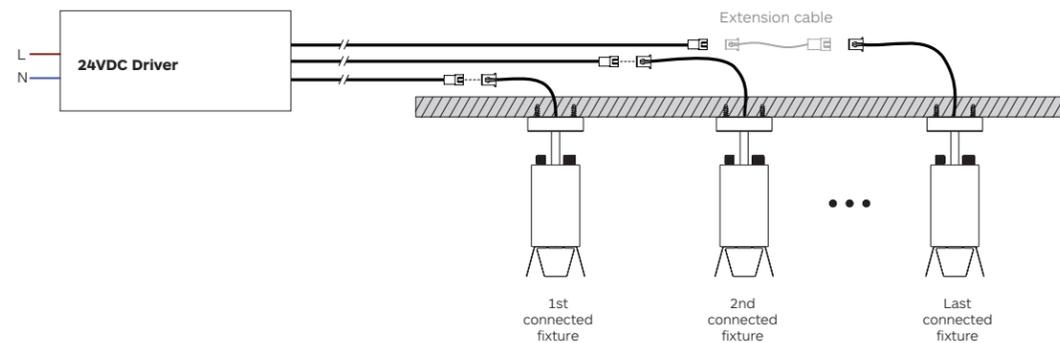
One 24VDC 60W Driver can drive 8 fixtures Max.  
One 24VDC 120W Driver can drive 16 fixtures Max.

12m Max. at 60W / 6m Max. at 120W



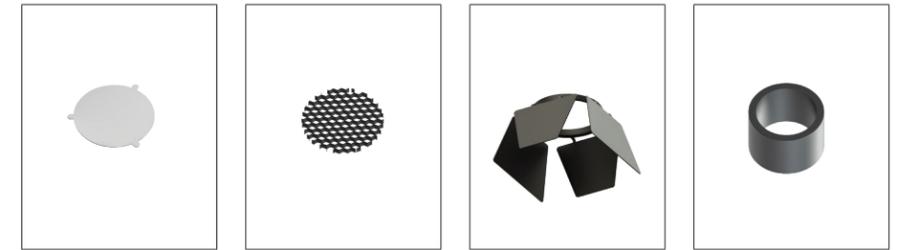
### Power supply for Zero Low Voltage Surface

One 24VDC 60W Driver can drive 8 fixtures Max.  
One 24VDC 120W Driver can drive 16 fixtures Max.



Extension cable. Art. **2D58**. 1m (if necessary).

# Optical Accessories



Product / Optical Accessories

**Filter**

**Honeycomb**

**Barn doors**

**Snoot**

Colour 10

Colours 10, 11, 35

Colours 10, 11, 35

Zero 12

/

/

/

**G2A5**

Zero 33

**G2A6**

**G2A3**

**G2A1**

/