



**Helios 1 - LED Tracklight.** Well-balanced, versatile and attractive is the simplest way to describe Senso Helios. With the variety of choices for accessories, technology and light sources the Helios is the perfect choice when stylish track options are required by your design.

## Ordering Code

Fixture	1	2	3	4	5	6	7	8	9
Driver	1	2	3	4					

## Product Specifications

**SAMPLE:** Fixture 855 - A90 - 618 - 30 - 30 - 00 - 02 - 08 - 03 | Driver STD - 120 - A90 - 30

1 - Model	2 - LED	3 - Optic	4 - CCT	5 - Lumen	6 - Accessory	7 - Finish
855 · Helios 1 One Circuit	A90 · 93+ CRI Accuracy	618 · 18° 630 · 30° 645 · 45° 660 · 60°	25 · 2500K 27 · 2700K 30 · 3000K 35 · 3500K 40 · 4000K 65 · 6500K	07 · 700 (7.5W) 10 · 1000 (10.2W) 15 · 1500 (16.4W) 20 · 2000 (22W) 30 · 3000 (33.7W) 40 · 4000	00 · No Accessory BD · Barndoar HO · Honeycomb <sup>*2</sup>	01 · White 02 · Black 08 · Silver XX · Custom
856 · Helios 1 Two Circuit						
858 · Helios 1 <sup>1</sup> Three Circuit						

8 - Baffle Color	9 - Acrylic Ring	1 - Driver	Dim Level	2 - Voltage	3 - LED	4 - Lumen
01 · White	Standard	Specialized	STD · Non Dimming	N/A	120 · 120V	Same as Fixture
02 · Black	01 · White	03 · Red	LCS · 0 - 10 Volt Protocol	1%	277 · 277V	Same as Fixture
08 · Silver	02 · Black	04 · Blue	DIM · Phase <sup>*1</sup>	1%		
XX · Custom	07 · Clear	05 · Yellow				
	09 · Bronze					
	10 · Frosted					
	XX · None <sup>*2</sup>					

<sup>\*1</sup> 120V only

<sup>\*2</sup> No acrylic ring with honeycomb

## Accessories

### Barn-door

- Limits the glare and allows you to control the direction of the light beam
- Fixed to the front ring by bending tabs
- Flaps can be adjusted and lock in place

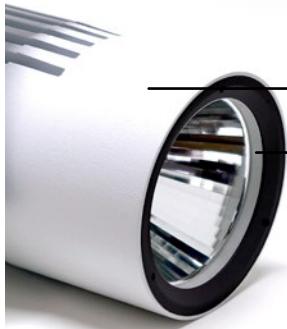


### Honeycomb Mesh

- 95% open area with 45° cut-off
- Made from cold-rolled steel
- Black polymer coating with eggshell finish



### Fixture, Baffle and Ring

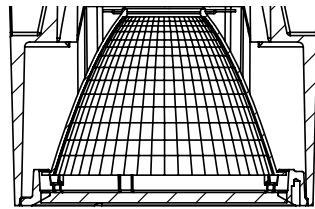


Helios 1 has 3 components which can be configured in different colors.

- Fixture finish
- Baffle
- Acrylic ring

## Reflector

Senso metal spun faceted reflectors are specifically designed to retain as much light as possible. This results in a more power efficient fixture with a higher delivered lumen.



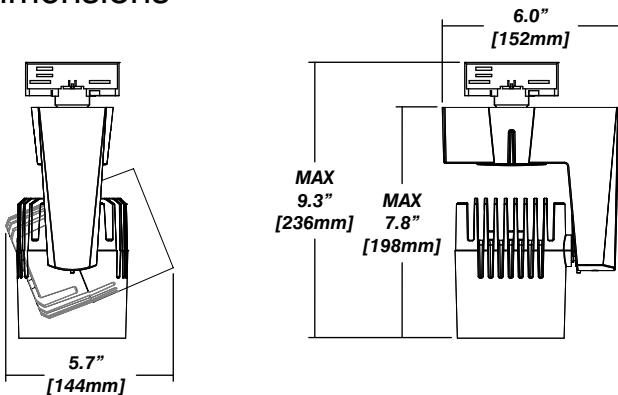
## General

- 350° + rotation
- 0° to 130° tilt and lock
- Includes track adapter (Available in 2 circuits)
- Contact us for track compatibility

## Construction / Finish

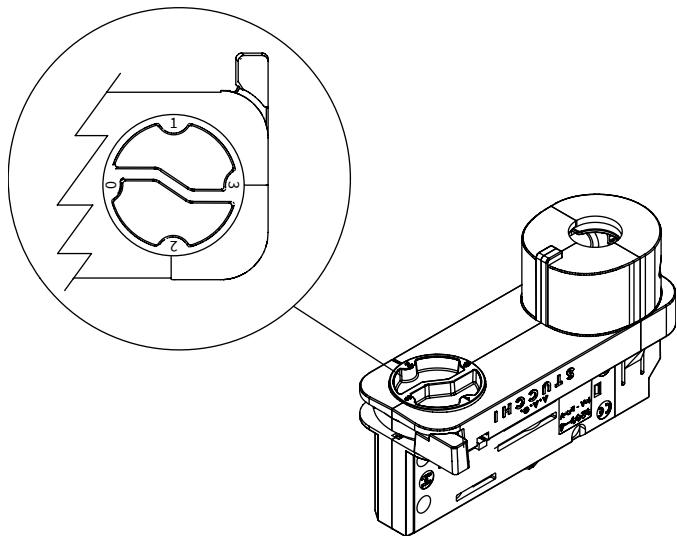
- Cast aluminum
- High quality satin powder coat finish in Senso specific colors
- Made in Canada
- Weight 1.3 kg [2.8 lbs]

## Dimensions



## 1 / 2 / 3 Circuit Switch

When the track is connected to a two or three-circuit system, it is possible to select the phase (L1, L2 or L3) of each luminaire in your system using the selector under the adapter.



SENSO's in-house photometric testing ensures that our lighting design can match your needs precisely. Our Goniophotometer and testing lab produces on-demand photometry files based on any specified fixture, including LM-79 Test reports, IES Files, and CRI/CCT measurements. See SENSOlighting.com for more information.

*\*Full photometric Reports and IES files available for every configuration*

## LED Module Performance

**Output:** Up to 107 lumen/Watt

**Efficacy:** Color consistency within a 3-MacAdam Ellipse

**CCT:** 2500K - 6500K

**Color Rendering:** 93+ CRI

**Min. R Values:** R<sup>9</sup>- 60 R<sup>f</sup>- 90 R<sup>g</sup>- 100

## Driver and Power Consumption

**Dimming:** 1% dimming standard

**Ripple:** Industry leading Low ripple

**Efficiency:** Power Factor >0.9

Efficiency over 85%

Class 2 output for safety

**Installation:** Fixture Mounted

Lumen Option	700lm	1000lm	1500lm	2000lm	3000lm	4000lm
Fixture Wattage	6.5W	9.3W	12.5W	20.2W	32.7W	34.2W
Delivered Lumen	656lm	1035lm	1347lm	1917lm	2741lm	

## Color Metrics

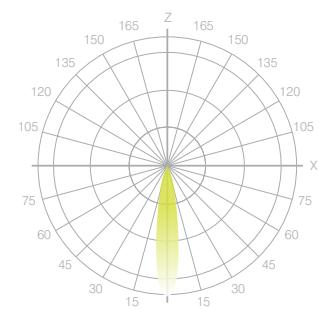
### TM 30-15

Our clients deserve the best information possible about their lighting choices. That's why SENO has invested in the Illuminating Engineering Society (IES) TM 30-15, a new system that measures an LED light source's color rendering properties. Using SENO's state-of-the-art goniophotometer, this method identifies the optimal light source for your project and helps evaluate the trade-offs between efficacy and color rendering. SENO can provide TM 30-15 data for all of our products.

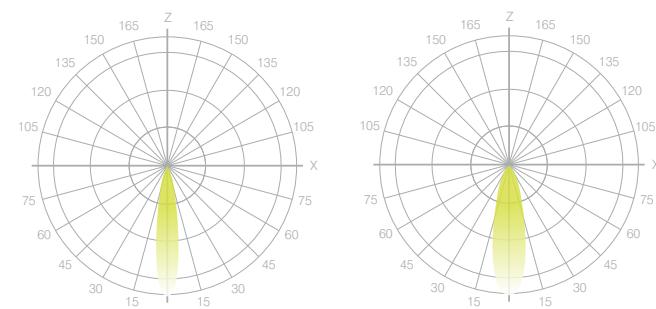
*\*Full Color Metric Info Available at SENSOlighting.com*

## Helios 1 Light Distribution

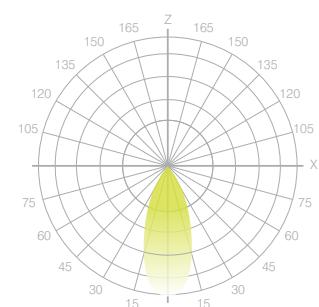
18 Degree



30 Degree



45 Degree



60 Degree

