

# LINEAR-SENIOR

## SENIOR MAGNETIC TRACK HEAD SPECIFICATIONS



Job Information	
Project Name	
Type	
Location	
Quantity	
Date	

### OVERVIEW

- Uniform lighting
- Plug and play arrangement in magnetic track
- 60W to 200W noise-free and flicker-free drivers, TRIAC/120V, DALI, or 1-10V/100-277V
- True color – 90 CRI, produces outstanding illumination

### DESCRIPTION

This track head offers soft and uniform lighting, thanks to its polycarbonate diffuser lens, which helps reduce harsh shadows and glare. It's perfect for ambient lighting in settings where visual comfort is important. Ideal for illuminating large spaces and creating an even light distribution. The magnetic base enables easy installation and repositioning along the track without the need for tools or screws, allowing for simple adjustments to the lighting setup as needed. The 90 CRI option produces outstanding illumination with tight chromaticity specification and color binning processes, ensuring CRI and CCT consistency. This magnetic track head can be used in various settings, including residential, commercial, and office spaces.

### PERFORMANCE

<b>MODEL NAME</b>	LINEAR-08	LINEAR-16	LINEAR-32	LINEAR-64	LINEAR-96
<b>POWER CONSUMPTION(±10%)</b>	4 W	7 W	13 W	26 W	39 W
<b>INPUT VOLTAGE</b>	24 VDC				
<b>LUMINOUS FLUX (±10%)</b>	225 LM	490 LM	895 LM	1720 LM	2550 LM
<b>EFFICACY(4000K RA80)</b>	56 LM/W	70 LM/W	69 LM/W	66 LM/W	65 LM/W
<b>DIMMING</b>	TRIAC/0-10V/DALI				
<b>CCT</b>	2700K/3000K/3500K/4000K/5000K				
<b>CRI</b>	80/90				
<b>BEAM ANGLE</b>	DIFFUSE	DIFFUSE	DIFFUSE	DIFFUSE	DIFFUSE
<b>FINISH</b>	POWDER COATING				
<b>FIXTURE COLOR</b>	SANDY BLACK/SANDY WHITE				
<b>IP RATING</b>	IP20				
<b>OPERATING TEMPERATURE</b>	-30°C TO + 50°C(-22°F TO 122°F)				
<b>LIFESPAN OF LED @TA=25°C</b>	L80 50000 HRS				
<b>WARRANTY</b>	3 YEARS				
<b>APPLICATIONS</b>	INDOORS				

### PRODUCT ORDERING GUIDE

EXAMPLE: LINEAR-16-D-2700-90-V-B

SERIES	BEAM ANGLE	CCT	CRI	DIMMING	FINISH
LINEAR-08	D: DIFFUSE	2700	80	T: TRIAC	W: SANDY WHITE
LINEAR-16		3000	90	V: 0-10V	B: SANDY BLACK
LINEAR-32		3500		D: DALI	
LINEAR-64		4000			
LINEAR-96		5000			

### FEATURES

#### ► Optics

Diffused lens makes it ideal for uniform ambient lighting.

#### ► Electrical

Voltage 24 VDC  
THD <20%  
Power Factor >0.9

#### ► Environment & Certifications

cETL listed for dry locations

#### ► Warranty

3 years limited warranty

#### ► Chip

Powered by Osram high efficiency COB LED chip.

#### ► Finish

The powder-coated finish ensures a uniform appearance, offering long-term durability and superior aesthetics.

#### ► Housing Material

Die-cast aluminum housing ensures durability and efficiency, with heat resistance polycarbonate lens.

#### ► LED System

CRI With a choice of 80 or 90 color rendering index (CRI), this product delivers outstanding illumination, featuring tight chromatically specifications and a precise color binning process to ensure consistency in CRI and CCT.

CCT Available in 2700K, 3000K, 3500K, 4000K, 5000K, with excellent color consistency.

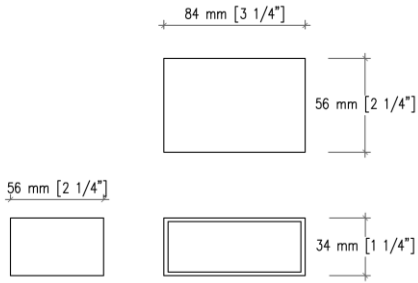
#### ► Mounting

Magnetic track installation allows easy plug and play rearrangement.

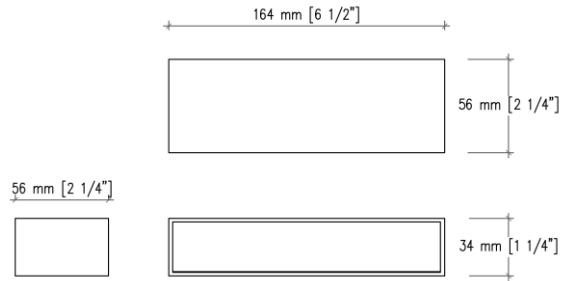
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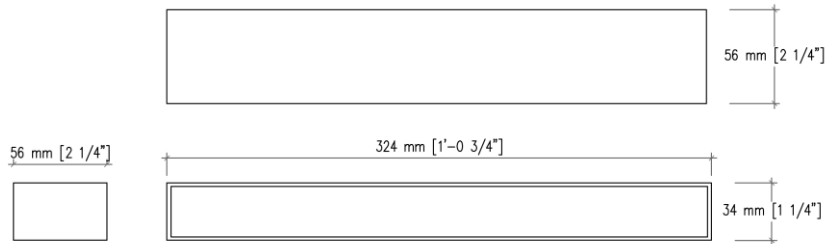
### LINEAR-08 DIMENSIONS



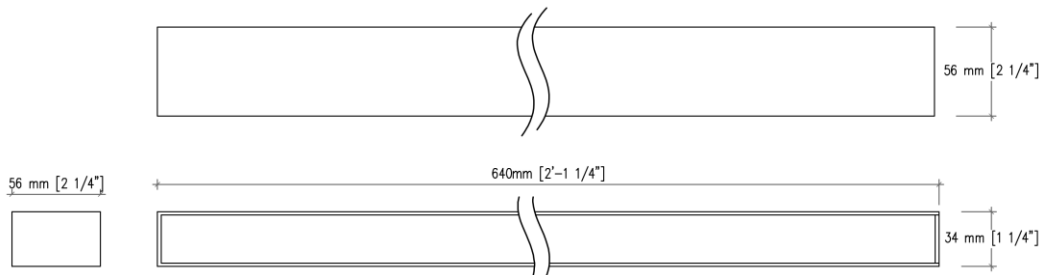
### LINEAR-16 DIMENSIONS



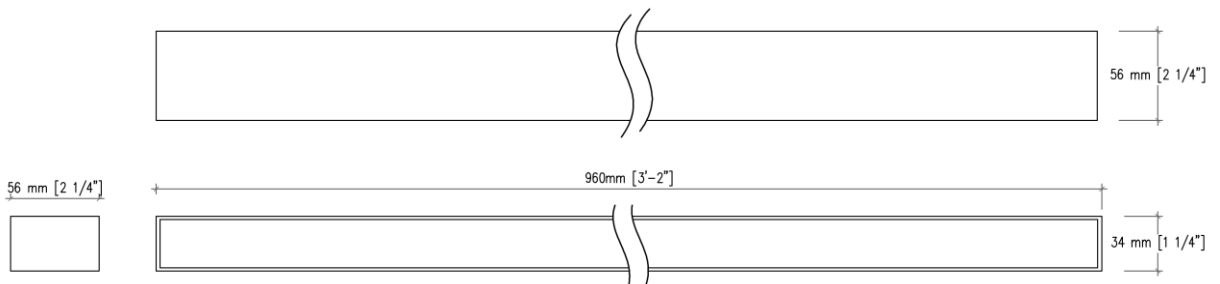
### LINEAR-32 DIMENSIONS



### LINEAR-64 DIMENSIONS



### LINEAR-96 DIMENSIONS



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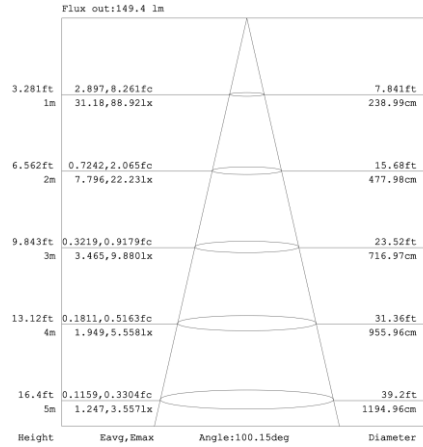
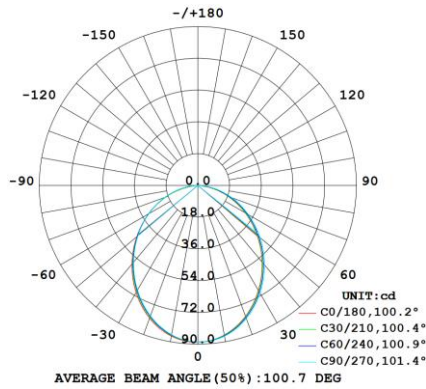
## SENIOR MAGNETIC TRACK HEAD SPECIFICATIONS

### PHOTOMETRIC DIAGRAM, 3000K, 90Ra

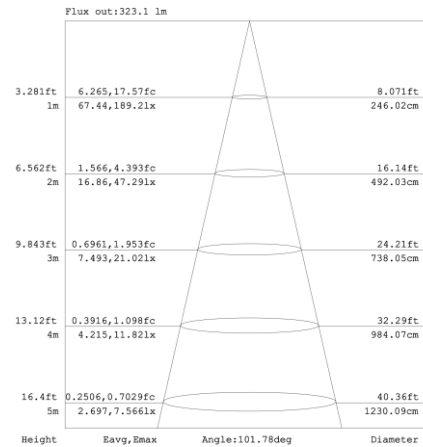
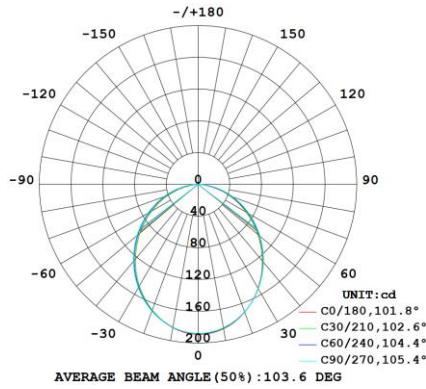
#### Polar Candela Distribution

#### Beam Details

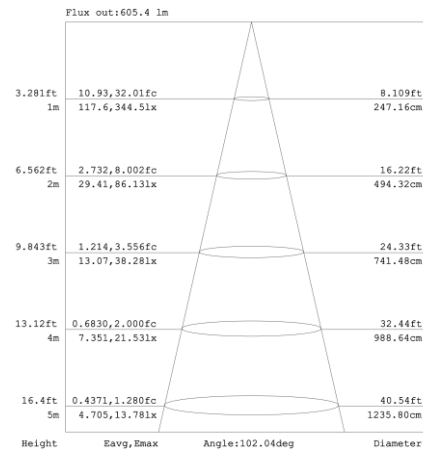
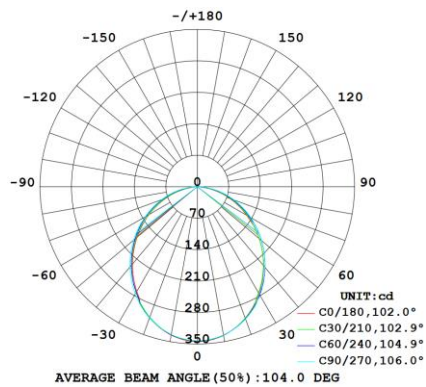
##### LINEAR-08



##### LINEAR-16



##### LINEAR-32



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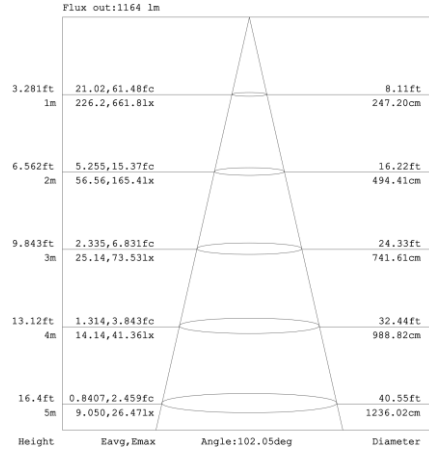
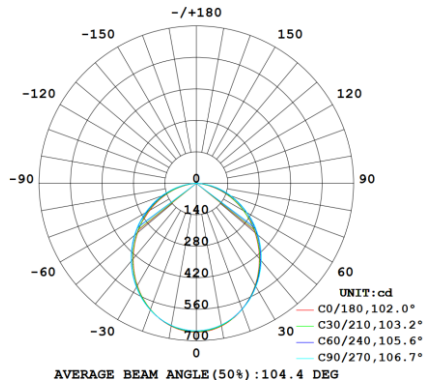
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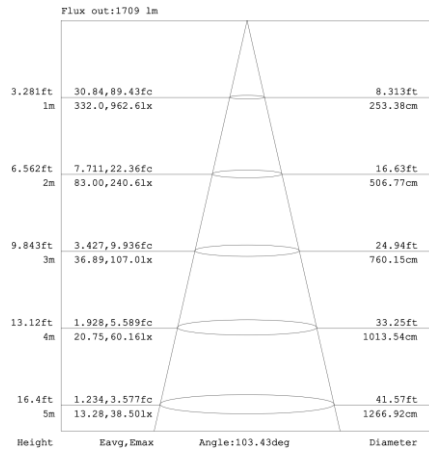
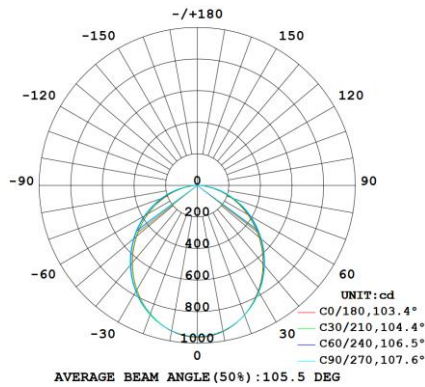
#### Polar Candela Distribution

#### Beam Details

#### LINEAR-64



#### LINEAR-96



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