

# FOLD - SENIOR

## SENIOR MAGNETIC TRACK HEAD SPECIFICATIONS



Job Information	
Project Name	
Type	
Location	
Quantity	
Date	

### OVERVIEW

- Plug and play arrangement in magnetic track
- Adjustable head with a 90° range of motion, allowing for versatile positioning and precise lighting control
- 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

Fold series offer various optics that ensure quality lighting. These track heads feature an adjustable head with a 90° range of motion, allowing for versatile positioning and precise lighting control suitable for various applications. 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 specifications 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

MODEL NAME	FOLD-03	FOLD-06	FOLD-08	FOLD-12	FOLD-16	FOLD-32
POWER CONSUMPTION(±10%)	4 W	8 W	4 W	16 W	8 W	16 W
INPUT VOLTAGE	24 VDC					
LUMINOUS FLUX (±10%)	385 LM	735 LM	225 LM	1435 LM	490 LM	1270 LM
EFFICACY(4000K RA80)	96 LM/W	92 LM/W	56 LM/W	90 LM/W	61 LM/W	79 LM/W
DIMMING	TRIAC/0-10V/DALI					
CCT	2700K/3000K/3500K/4000K/5000K					
CRI	80/90					
BEAM ANGLE	12°/34°/48°	12°/34°/48°	DIFFUSED	12°/34°/48°	DIFFUSED	DIFFUSED
FINISH	POWDER COATING					
FIXTURE COLOR	SANDY BLACK/SANDY WHITE					
IP RATING	IP20					
OPERATING TEMPERATURE	-30°C TO + 50°C(-22°F TO 122°F)					
LIFESPAN OF LED @TA=25°C	L80 50000 HRS					
WARRANTY	3 YEARS					
APPLICATIONS	INDOORS					

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### PRODUCT ORDERING GUIDE

EXAMPLE: FOLD-03-34-2700-90-V-B

SERIES	BEAM ANGLE	CCT	CRI	DIMMING	FINISH
FOLD-03	12°	2700	80	T: TRIAC	W: SANDY WHITE
FOLD-06	34°	3000	90	V: 0-10V	B: SANDY BLACK
FOLD-12	48°	3500		D: DALI	
		4000			
		5000			
FOLD-08	D: DIFFUSED	2700	80	T: TRIAC	W: SANDY WHITE
FOLD-16		3000	90	V: 0-10V	B: SANDY BLACK
FOLD-32		3500		D: DALI	
		4000			
		5000			

### FEATURES

#### ► Optics

Fold series offer various optics that ensure quality lighting. These track heads feature adjustable head with a 90° range of motion, which allows for versatile positioning and precise lighting control. Beam angles available in 12°, 34°, 48° or diffused.

#### ► 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.

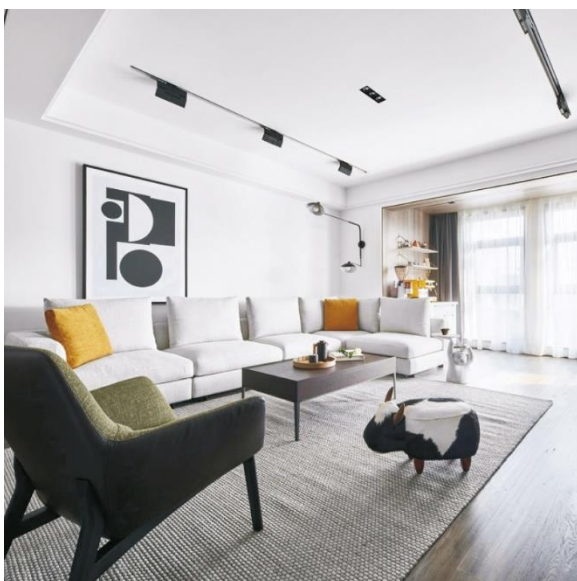
#### ► LED System

**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.

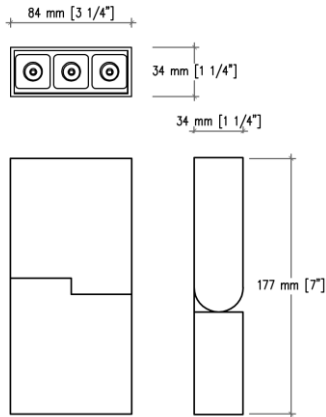


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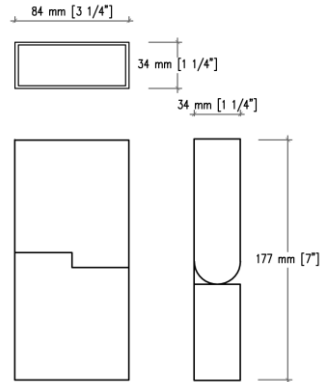
## SENIOR MAGNETIC TRACK HEAD SPECIFICATIONS

### DIMENSIONS

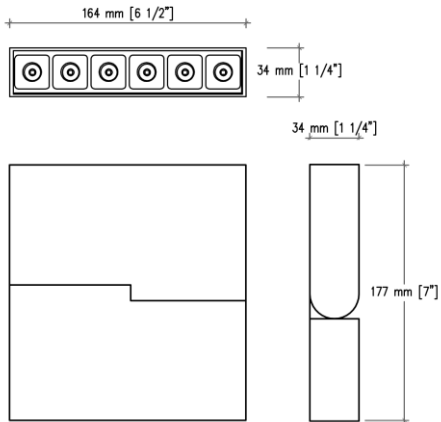
#### FOLD-03



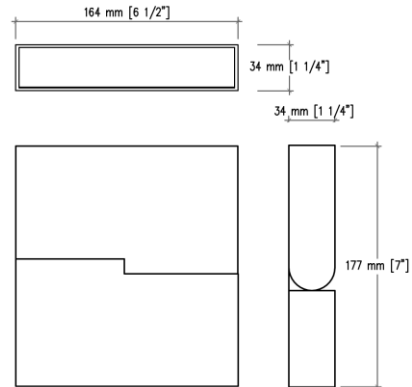
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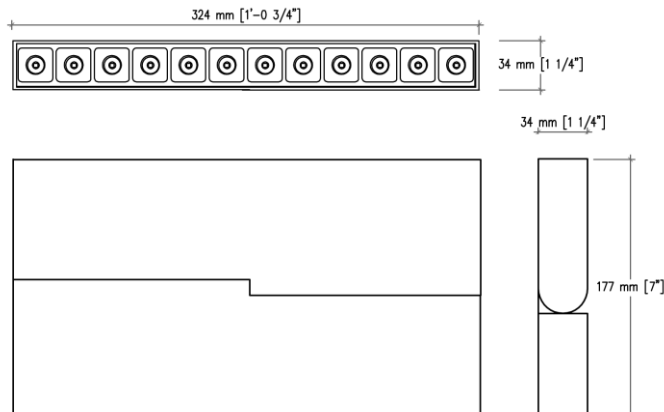
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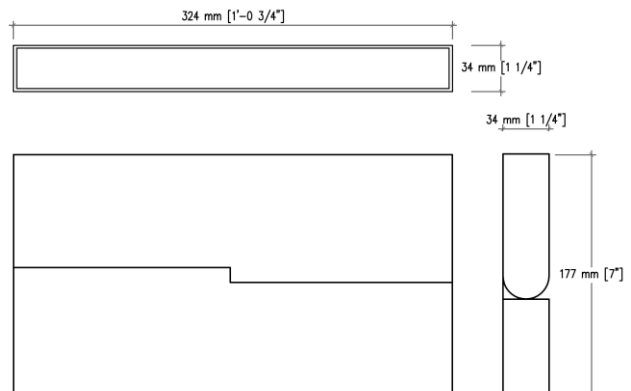
#### FOLD-16



#### FOLD-12



#### FOLD-32



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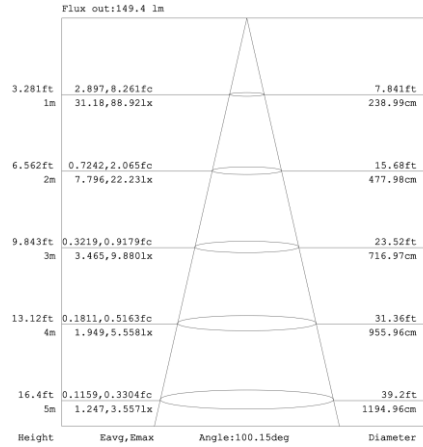
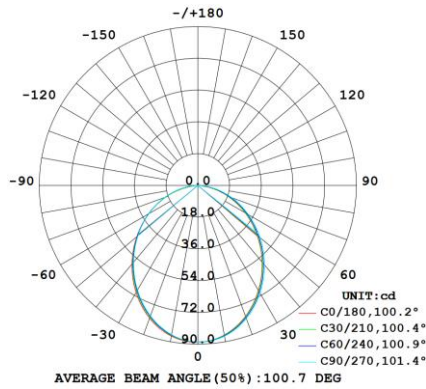
## SENIOR MAGNETIC TRACK HEAD SPECIFICATIONS

### PHOTOMETRIC DIAGRAM FOR DIFFUSED FOLD SERIES, 3000K, 90Ra

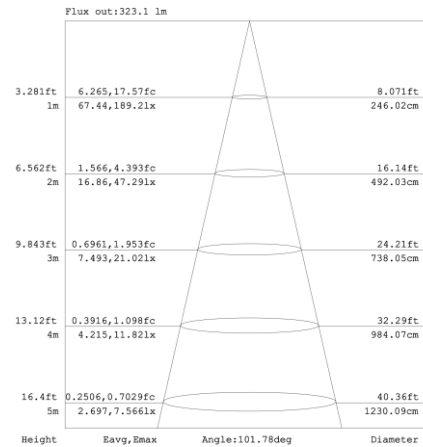
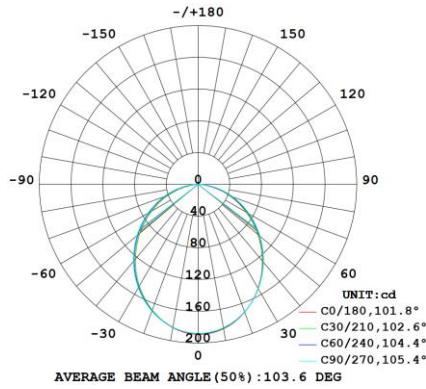
#### Polar Candela Distribution

#### Beam Details

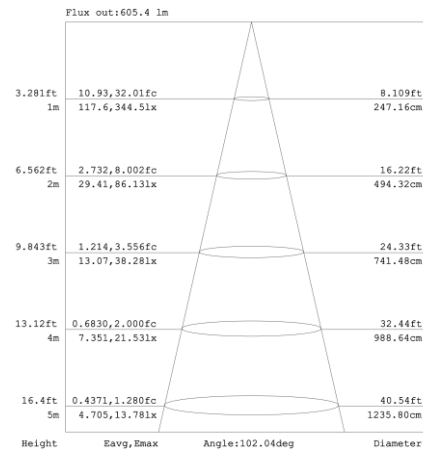
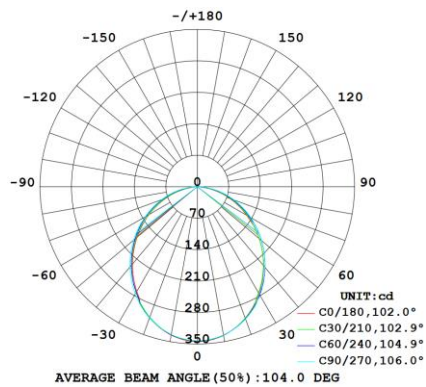
#### FOLD-08



#### FOLD-16



#### FOLD-32



# FOLD - SENIOR

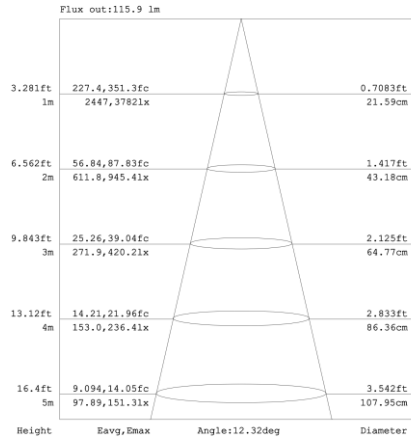
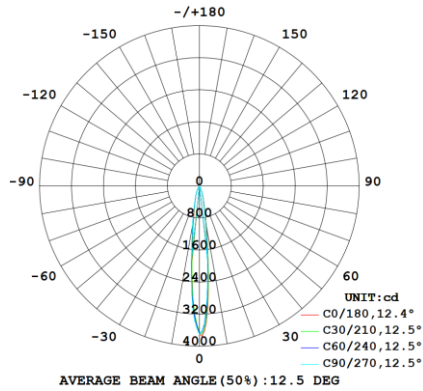
## SENIOR MAGNETIC TRACK HEAD SPECIFICATIONS

### PHOTOMETRIC DIAGRAM, FOLD-03, 3000K, 90Ra

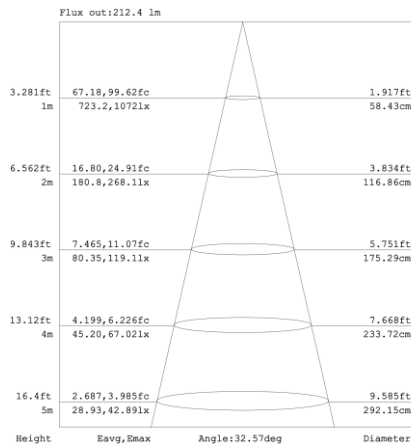
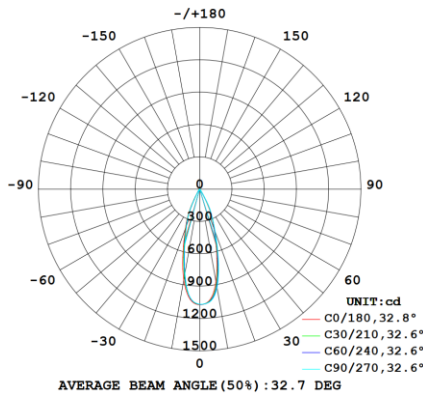
#### Polar Candela Distribution

#### Beam Details

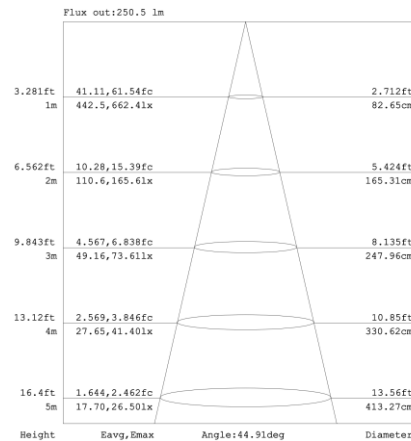
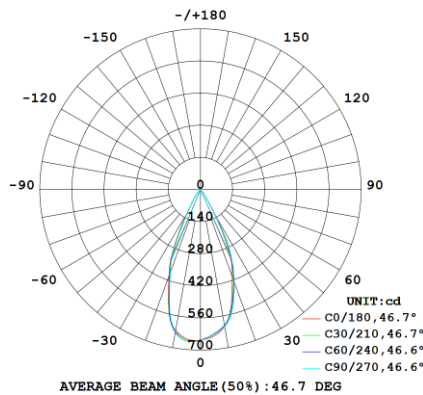
12°



34°



48°



# FOLD - SENIOR

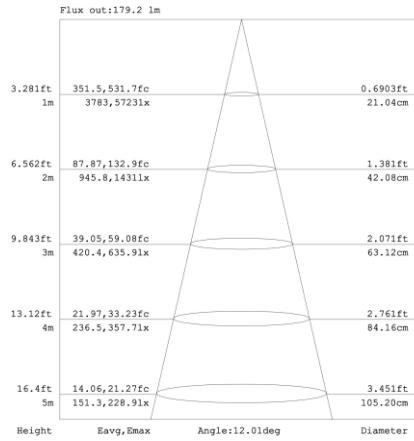
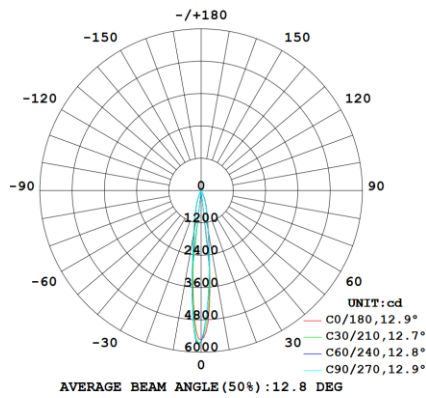
## SENIOR MAGNETIC TRACK HEAD SPECIFICATIONS

### PHOTOMETRIC DIAGRAM, FOLD-06, 3000K, 90Ra

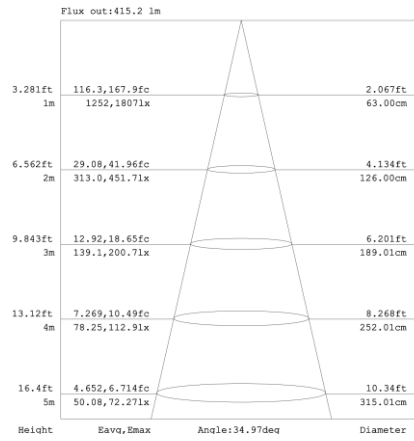
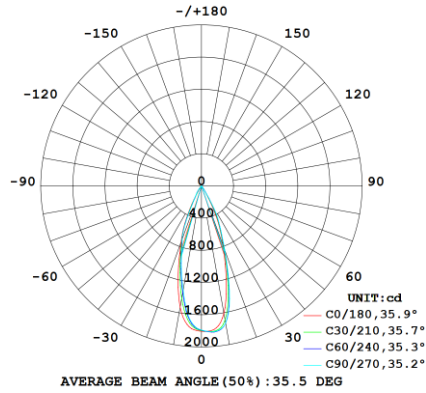
#### Polar Candela Distribution

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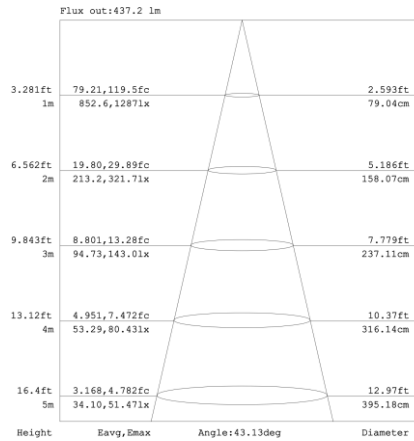
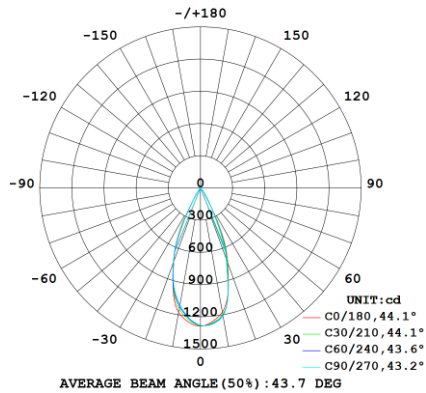
12°



34°



48°



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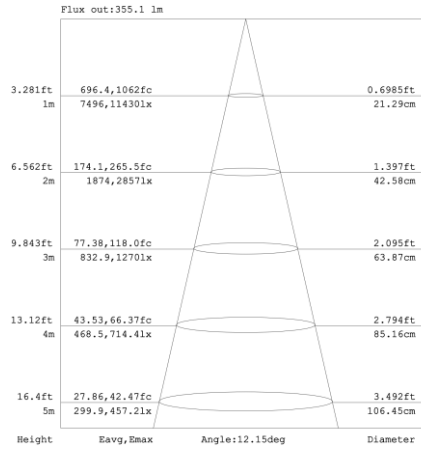
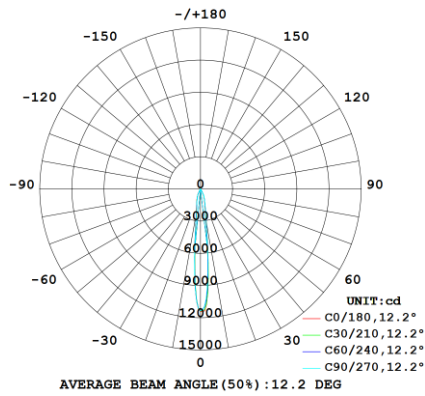
## SENIOR MAGNETIC TRACK HEAD SPECIFICATIONS

### PHOTOMETRIC DIAGRAM, FOLD-12, 3000K, 90Ra

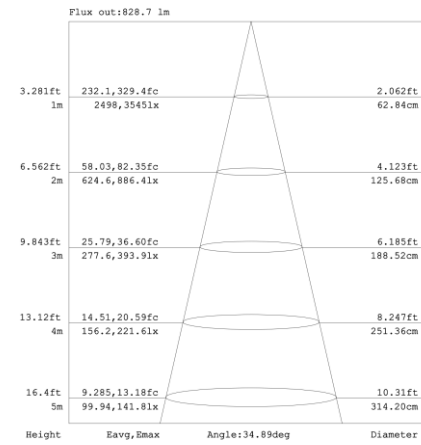
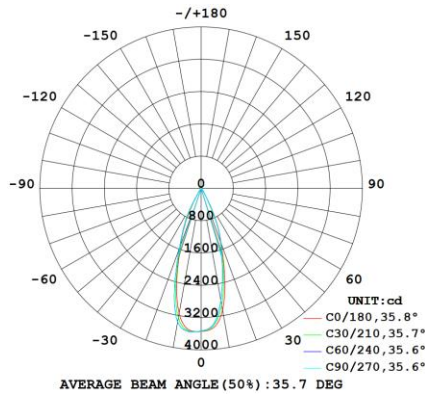
#### Polar Candela Distribution

#### Beam Details

12°



34°



48°

