

Date \_\_\_\_\_ Specifier \_\_\_\_\_ Project \_\_\_\_\_ Type \_\_\_\_\_



# STREAMLINE

Wide range of optics to provide incomparable control of light

Perfect for wall-washing large canvases

Available in 2 dedicated light distributions to meet your specific needs

## Application



Asymmetric lighting



Wall washing

## Light output

### Standard light output

(Based on below reference configuration)

Reference configuration			Reference LFD		Efficacy
CCT	CRI	OPTIC	W/ft	Lum. Flux Density (LFD)	
4000K	80	HR	7.5	501 lm/ft (1643 lm/m)	72 lm/W

### Total Light Loss Factor (TLLF) calculation

CCT/CRI table						Optics table	
CCT	CRI	LLF	CCT	CRI	LLF	OPTIC	LLF
2700K	80	0.96	3500K	80	1.00	HR	1.00
	90	0.79		90	0.86		
3000K	80	1.00	4000K	80	1.03		
	90	0.86		90	0.89		

CCT/CRI LLF × Optics LLF = TLLF

### Actual light output

Example configuration			Reference LFD		Actual LFD
CCT	CRI	OPTIC	W/ft	Lum. Flux Density (LFD)	Lum. Flux Density (LFD)
2700K	90	HR	7.5	501 lm/ft (1643 lm/m)	396 lm/ft (1298 lm/m)
0.79 × 1.00 =			TLLF 0.79		

## Wide optical distributions (circular)

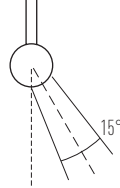
15° with narrow beam filter

W

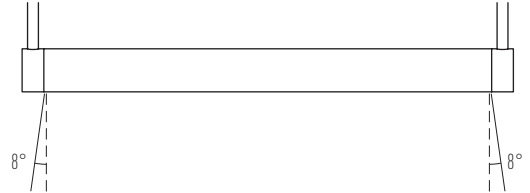
15D.NBF

LIGHT BEAM

SIDE VIEW



FRONT VIEW



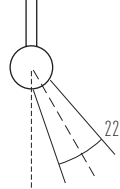
22° with clear film

W

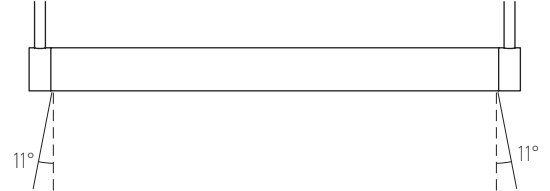
22D.CF

LIGHT BEAM

SIDE VIEW



FRONT VIEW



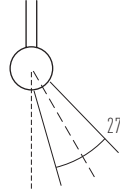
27° with clear film

W

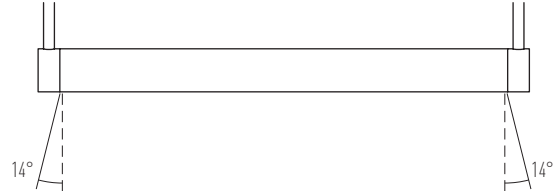
27D.CF

LIGHT BEAM

SIDE VIEW



FRONT VIEW



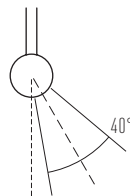
40° with clear film

W

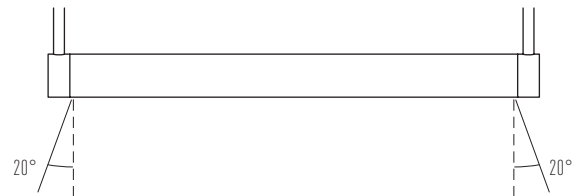
40D.CF

LIGHT BEAM

SIDE VIEW



FRONT VIEW



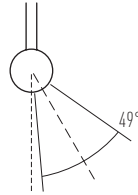
**49° with clear film**

W

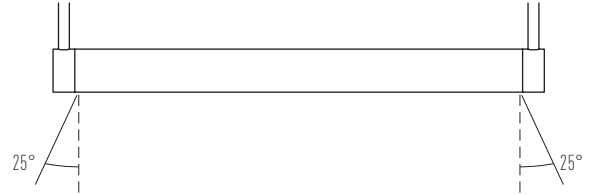
49D.CF

LIGHT BEAM

SIDE VIEW



FRONT VIEW



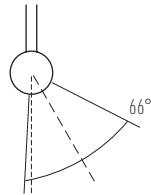
**66° with clear film**

W

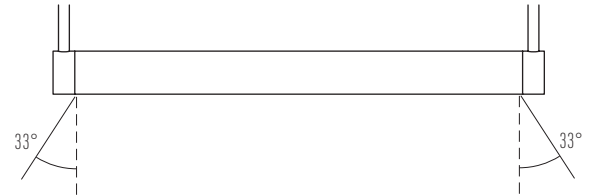
66D.CF

LIGHT BEAM

SIDE VIEW



FRONT VIEW



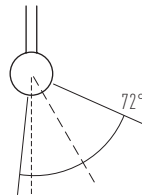
**72° with clear film**

W

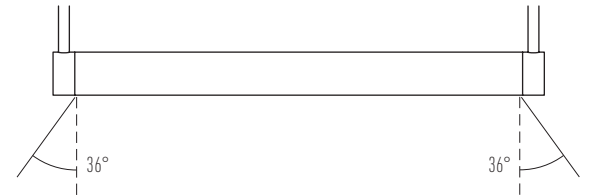
72D.CF

LIGHT BEAM

SIDE VIEW



FRONT VIEW



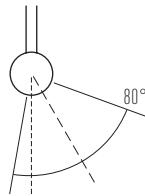
**80° with clear film**

W

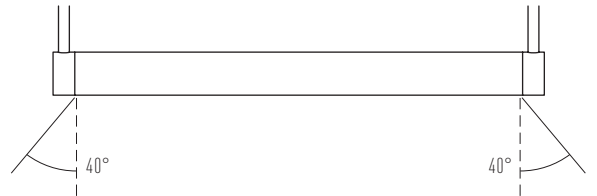
80D.CF

LIGHT BEAM

SIDE VIEW



FRONT VIEW



## Wide optical distributions (elliptical)

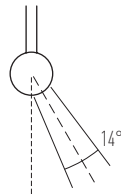
**14°x42° with linear optic filter**

W

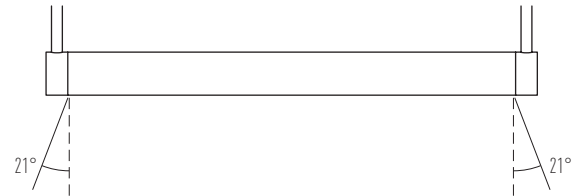
14X42D.LOF

LIGHT BEAM

SIDE VIEW



FRONT VIEW



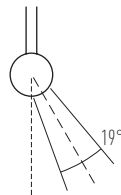
**19°x48° with linear optic filter**

W

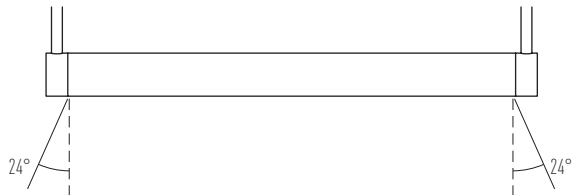
19X48D.LOF

LIGHT BEAM

SIDE VIEW



FRONT VIEW



## High resolution optical distributions

### Frosted film

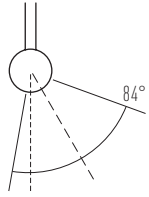
HR

FF

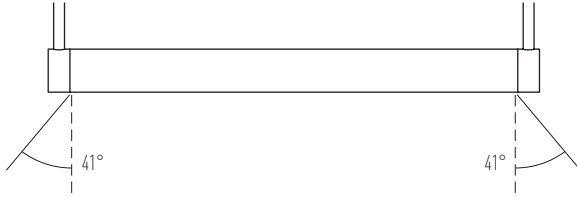
LIGHT BEAM

LIGHT DISTRIBUTION

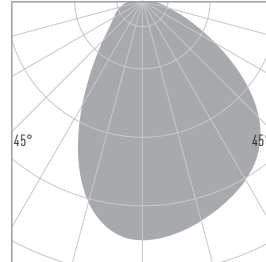
SIDE VIEW



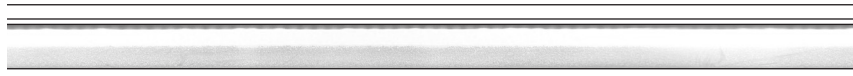
FRONT VIEW



PERCEPTION OF UNIFORMITY

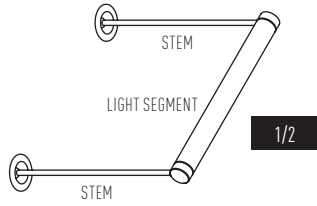


Beam angle 84°

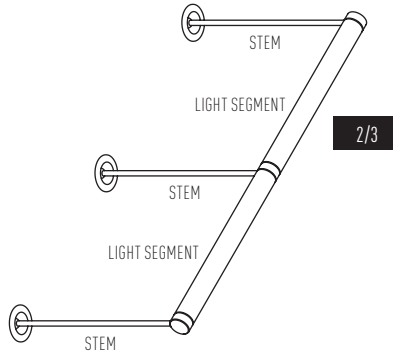


## Construction templates

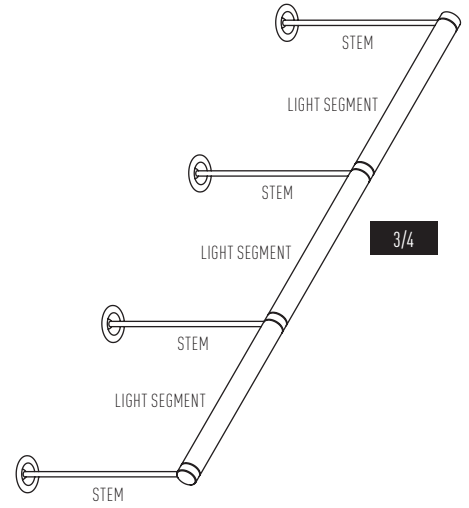
1 LIGHT SEGMENT / 2 STEMS



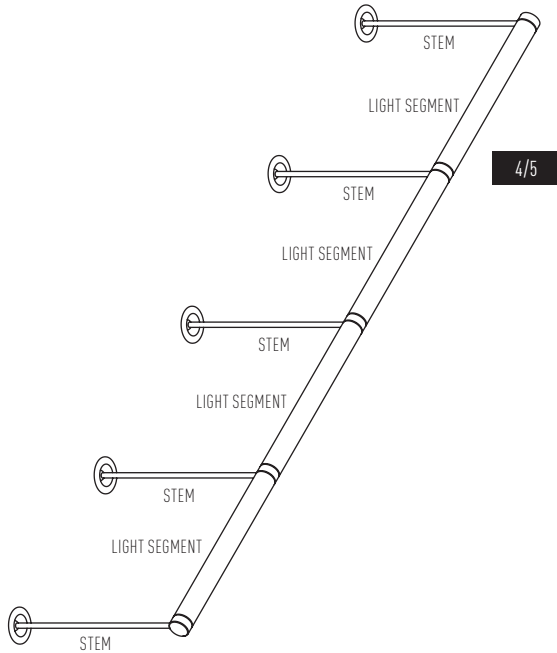
2 LIGHT SEGMENTS / 3 STEMS



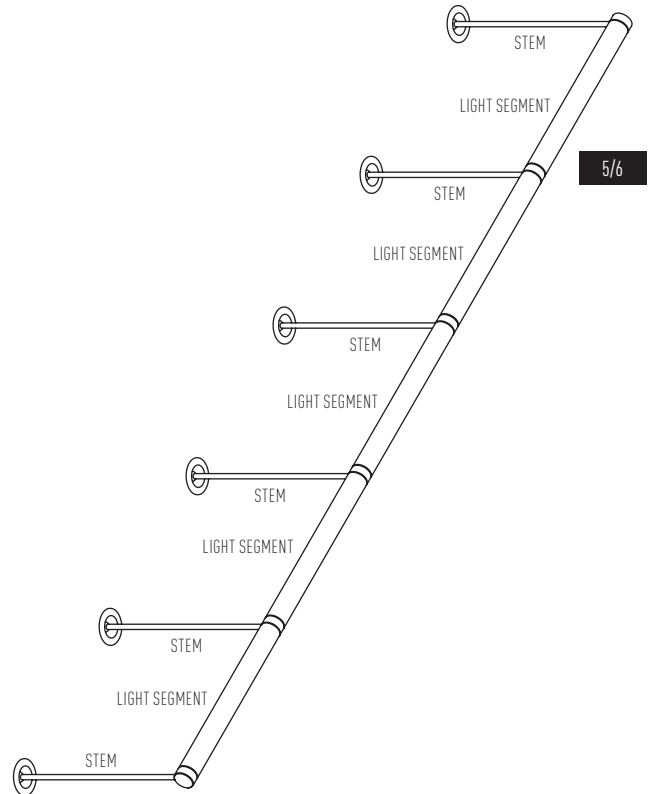
3 LIGHT SEGMENTS / 4 STEMS



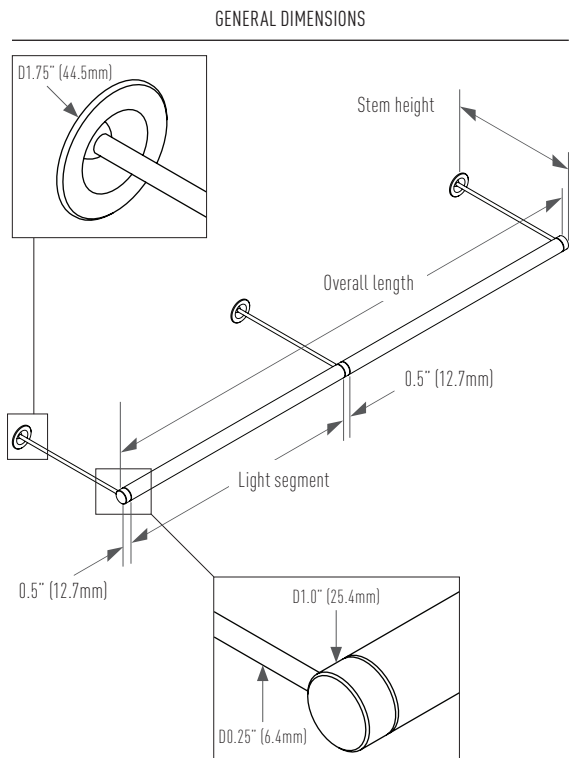
4 LIGHT SEGMENTS / 5 STEMS



5 LIGHT SEGMENTS / 6 STEMS



## Physical



### Finish



### Construction

Aluminium body

PE film

### Weight

0.55 lbs/ft (820 g/m)

### Length specifications

74" (2540 mm) or 55" (2540 mm) (for each light segment, depending on finish)

### Ingress protection code

IP40

### Operating ambient temperature

0 °C to 40 °C

### Storage temperature

0 °C to 40 °C at 50% humidity.

## Electrical

**i** This product is a **DC LED Lighting Module**. The following are required to operate as a complete system – to order separately:

**Power Supply**

24 VDC | Constant Voltage | PWM (if dimmable) | Remote Installation

**Recommended driver:** Eklipse Light Manager LM-24V.100W-[...]

[1% dim in 0-10V / DALI / Ecosystem]

**MODULE CURRENT REGULATION**

**PASSIVE**

**DRIVER COMPATIBILITY**

**UNIVERSAL\***

*\*following driver spec. req., works with all models*

**Input Voltage** 24 VDC in Constant Voltage

**Power Density** 7.5 W/ft (25 W/m)

**Dimming** Capable of operating down to 0.1%

*[depends on driver performance/limitations]*

**Wiring** UL listed, NEC art. 800 compliant CMG cable, 12" long, 22 AWG, Red(+)/Black(-), polarized. Not approved for plenum/air handling spaces.

**Safety Information** cULus Listed, CE, SELV, Class 2, Dry Location

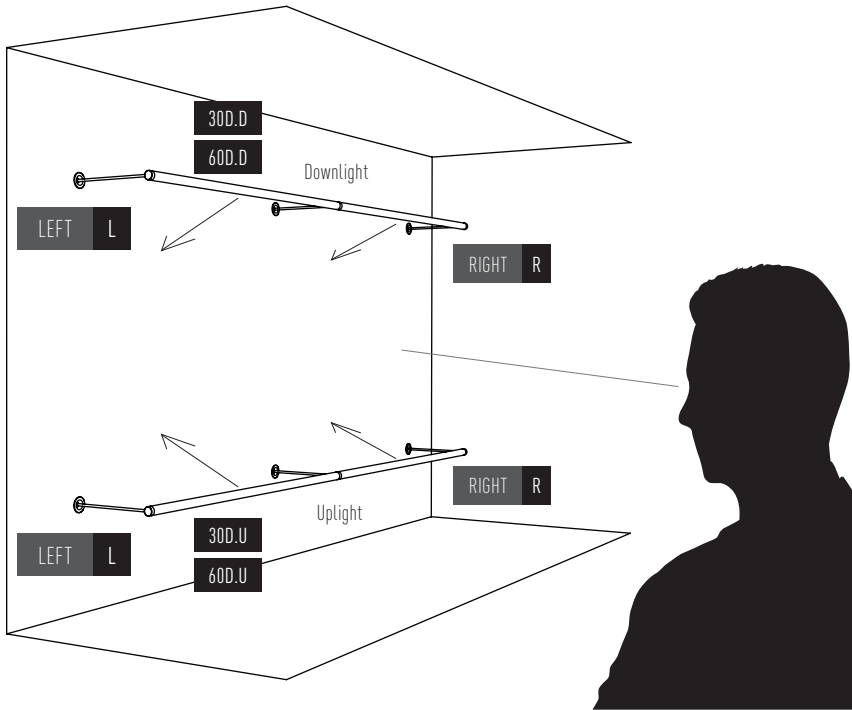
**Installation** Hardware installation with included mounting kits

**Cable limit** Voltage loss tolerance due to remote driver cable course, up to -2.5 V. See **LIGHT MANAGER** spec for max. cable length table per AWG.

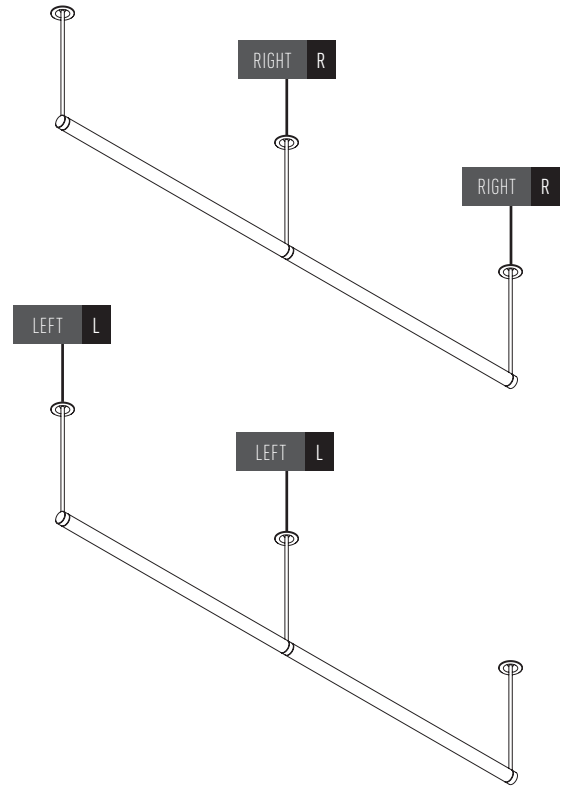
**Applications** Designed for museum wall-washing applications, typically to highlight posters, paintings, artworks and similar.

## Wiring options

### WIRE EXIT



In asymmetric beams, left and right are set in relation to the light going away from your sight.

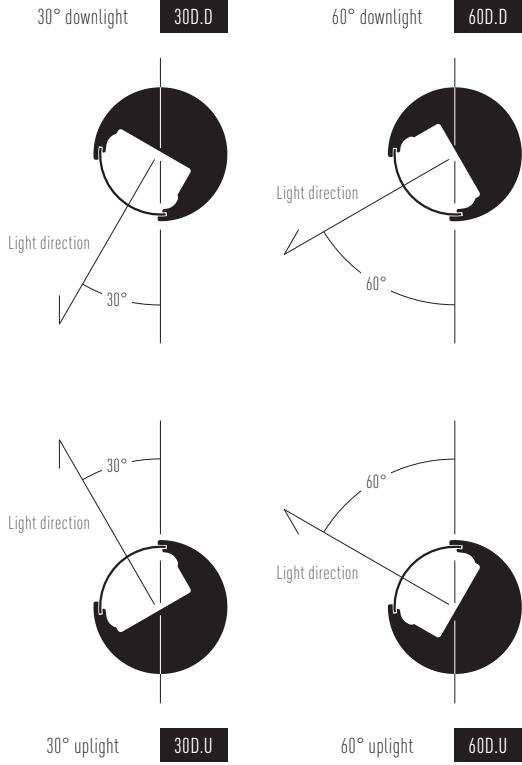


In multiple light segments the wire exit is simultaneous for each light segment. Every light segment has to have a power feed.

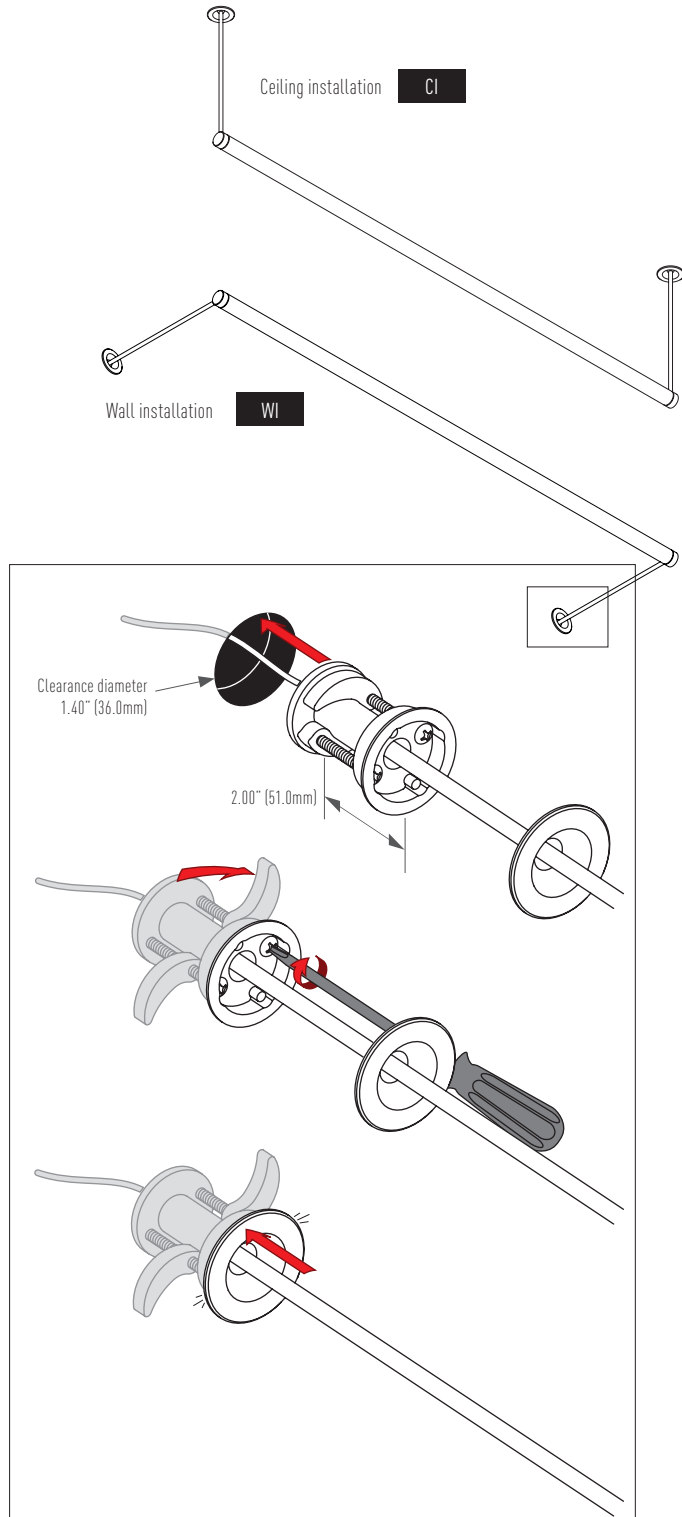


## Integration overview

### ANGLE DIRECTION

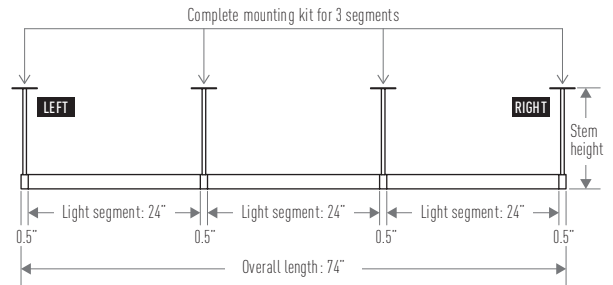


### MOUNTING OPTIONS



# STREAMLINE wide ordering code

PRODUCT			CORE OPTIONS										EXTENDED OPTIONS		
ID	LIGHT EFFECT	MOUNTING OPTION	INPUT	OUTPUT	FINISH	CCT	CRI	OPTIC FILM	ANGLE DIRECTION	LIGHT SEGMENT	OVERALL LENGTH	FIXT./STEM	STEM HEIGHT	WIRE EXIT	WIRE LENGTH
<b>S</b>	<b>W</b>	<b>CI</b>	<b>24V</b>	<b>7.5W</b>	<b>ABK</b>	<b>2200K</b>	<b>80</b>	<b>15D.NBF</b>	<b>60D.U</b>	<b>18.0 to 74.0</b>	To calculate the overall length, you must add: (light segment x quantity of fixtures) and (number of stems x 0.5") which represents the measurements of the mounting kit. (See diagram)	<b>1/2</b>	<b>6.0 to 36.0</b>	<b>L</b>	<b>12</b>
S	W	WI		Watt per foot	MW	2700K	80	22D.CF	60D.D	Inches	Available finishes: ABK, MW	2/3	Inches	R	CUSTOM
STREAMLINE	Wide	CI Ceiling installation			TWB	3000K	80	27D.CF	30D.U	Available finishes: ABK, MW	(light segment x quantity of fixtures)	3/4	Only available for ceiling installation (CI) in increment of 6".		Inches
		WI Wall installation			PB	3500K	80	40D.CF	30D.D	Available finishes: TWB, PB, BB, PC, BC	#/ Quantity of fixtures	4/5	In increment of 6".		
					BB	4000K	80	49D.CF	U Uplight	Available in increment of 8".	#/ Quantity of stems	5/6	Only available for wall installation (WI).		
					PC			66D.CF	D Downlight	Available finishes: TWB, PB, BB, PC, BC	#/ Quantity of stems	6.0			
					BC			72D.CF		Available in increment of 8".					
					ABK			80D.CF							
					Anodized black			14X42D.LOF							
					MW			19X48D.LOF							
					Matte white			##D							
								Optic							
					TWB			NBF							
					Time worn brass			Narrow beam filter							
					PB			CF							
					Polished brass			Frosted film							
					BB			LOF							
					Brushed brass			Linear optic filter							
					PC										
					Polished chrome										
					BC										
					Brushed chrome										

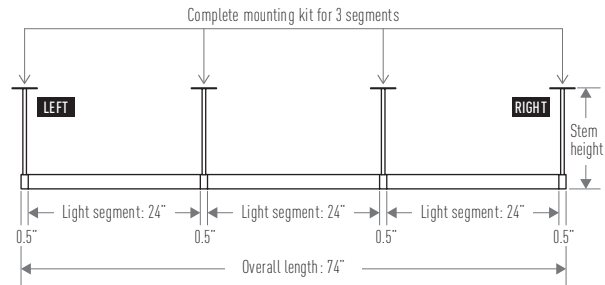


$$\begin{matrix} \text{Light segment} \times \text{quantity} & + & \text{Number of stems} \times 0.5" & = & \text{Overall length} \\ 24" \times 3 & & 4 \times 0.5" & & 74" \end{matrix}$$

ORDERING CODE	EXAMPLE	S	-	W	-	CI	-	24V	-	7.5W	-	BB	-	3000K80	-	15D.NBF	-	60D.U	-	3/4	-	24.0	-	74.0	-	6.0	-	L12
			-		-		-		-		-		-		-		-		-		-		-		-		-	
			-		-		-		-		-		-		-		-		-		-		-		-		-	
			-		-		-		-		-		-		-		-		-		-		-		-		-	

# STREAMLINE high resolution ordering code

PRODUCT			CORE OPTIONS										EXTENDED OPTIONS		
ID	LIGHT EFFECT	MOUNTING OPTION	INPUT	OUTPUT	FINISH	CCT	CRI	OPTIC FILM	ANGLE DIRECTION	LIGHT SEGMENT	OVERALL LENGTH	FIXT./STEM	STEM HEIGHT	WIRE EXIT	WIRE LENGTH
<b>S</b>	<b>HR</b>	<b>CI</b>	<b>24V</b>	<b>7.5W</b>	<b>ABK</b>	<b>2700K</b>	<b>80</b>	<b>FF</b>	<b>60D.U</b>	<b>18.0 to 74.0</b>	To calculate the overall length, you must add : <b>(light segment x quantity of fixtures)</b> and <b>(number of stems x 0.5")</b> which represents the measurements of the mounting kit. (See diagram)	<b>1/2</b>	<b>6.0 to 36.0</b>	<b>L</b>	<b>12</b>
<b>S</b>	<b>W</b>	<b>WI</b>		Watt per foot	<b>MW</b>	<b>3000K</b>	<b>80</b>	<b>FF</b>	<b>60D.D</b>	In inches		<b>2/3</b>	In inches	<b>R</b>	<b>CUSTOM</b>
STREAMLINE	High resolution	CI Ceiling installation			TWB	3000K	80	Frosted film	30D.U	Available finishes: <b>ABK, MW</b>	<b>3/4</b>	Only available for ceiling installation (CI) in increment of 6".			
		WI Wall installation			PB	3500K	90		30D.D	Available finishes: <b>TWB, PB, BB, PC, BC</b>	<b>4/5</b>	In inches			
					BB	4000K	80		<b>U</b>	Available in increment of 8".	<b>5/6</b>	Inches			
					PC		90		<b>D</b>		<b>#/</b>	Quantity of fixtures	<b>6.0</b>		
					BC		90				<b>#/</b>	Quantity of stems		Only available for wall installation (WI).	
					ABK										
					Anodized black										
					MW										
					Matte white										
					TWB										
					Time worn brass										
					PB										
					Polished brass										
					BB										
					Brushed brass										
					PC										
					Polished chrome										
					BC										
					Brushed chrome										



$$\begin{matrix} \text{Light segment} \times \text{quantity} & + & \text{Number of stems} \times 0.5" & = & \text{Overall length} \\ 24" \times 3 & & 4 \times 0.5" & & 74" \end{matrix}$$

ORDERING CODE	EXAMPLE																												
	S	-	HR	-	WI	-	24V	-	7.5W	-	BB	-	3500K90	-	FF	-	30D.D	-	3/4	-	24.0	-	74.0	-	6.0	-	R12		
		-		-		-		-		-		-		-		-		-		-		-		-		-		-	
		-		-		-		-		-		-		-		-		-		-		-		-		-		-	

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**Warranty**

Our products and relative parts are guaranteed for **three (3) years**. See our terms and conditions on [www.eklipseighting.com](http://www.eklipseighting.com)