

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)

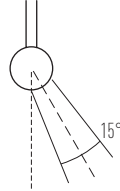
15° with narrow beam filter

W

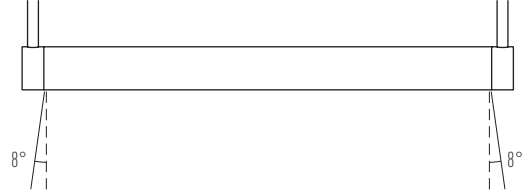
15D.NBF

LIGHT BEAM

SIDE VIEW



FRONT VIEW



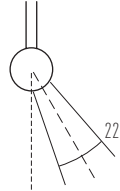
22° with clear film

W

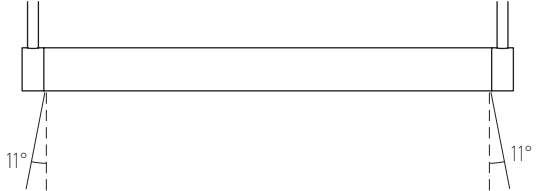
22D.CF

LIGHT BEAM

SIDE VIEW



FRONT VIEW



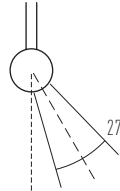
27° with clear film

W

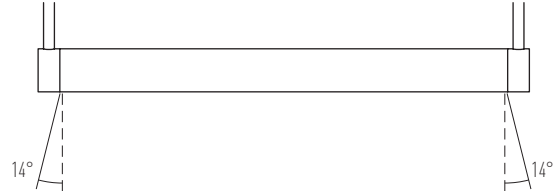
27D.CF

LIGHT BEAM

SIDE VIEW



FRONT VIEW



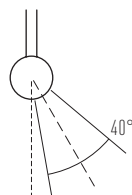
40° with clear film

W

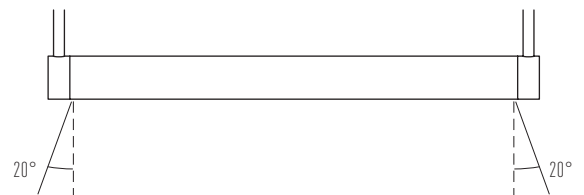
40D.CF

LIGHT BEAM

SIDE VIEW



FRONT VIEW

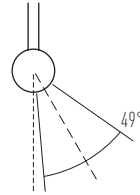


49° with clear film

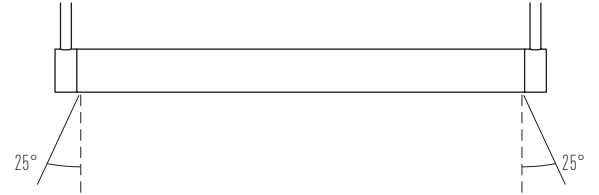
W 49D.CF

LIGHT BEAM

SIDE VIEW



FRONT VIEW

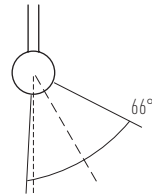


66° with clear film

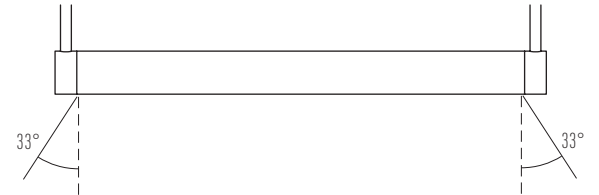
W 66D.CF

LIGHT BEAM

SIDE VIEW



FRONT VIEW

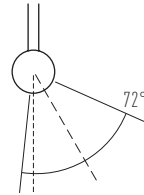


72° with clear film

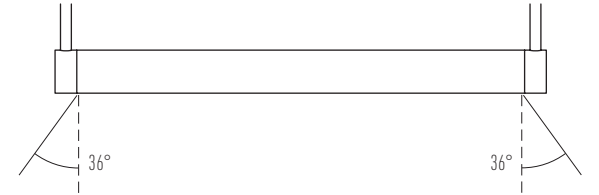
W 72D.CF

LIGHT BEAM

SIDE VIEW



FRONT VIEW

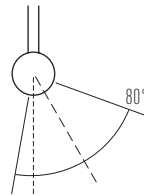


80° with clear film

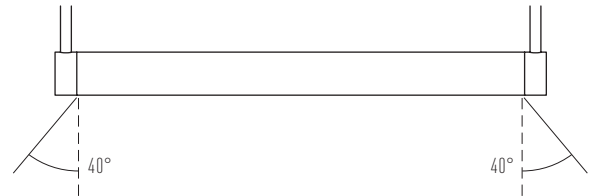
W 80D.CF

LIGHT BEAM

SIDE VIEW



FRONT VIEW



Wide optical distributions (elliptical)

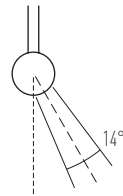
14°x42° with linear optic filter

W

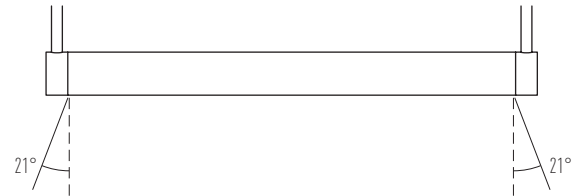
14X42D.LOF

LIGHT BEAM

SIDE VIEW



FRONT VIEW



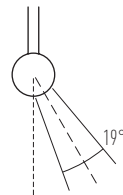
19°x48° with linear optic filter

W

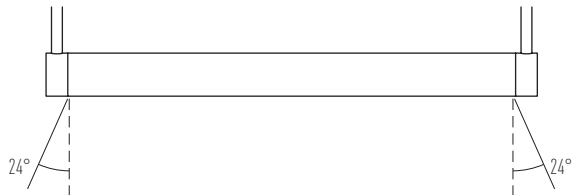
19X48D.LOF

LIGHT BEAM

SIDE VIEW



FRONT VIEW



High resolution optical distributions

Frosted film

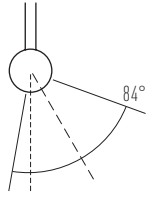
HR

FF

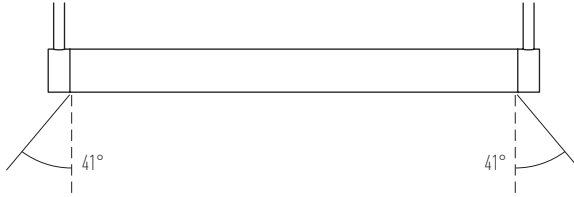
LIGHT BEAM

LIGHT DISTRIBUTION

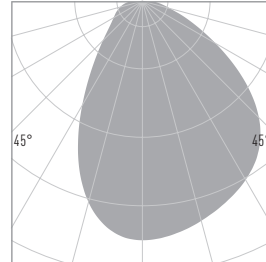
SIDE VIEW



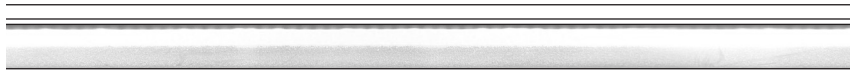
FRONT VIEW



PERCEPTION OF UNIFORMITY

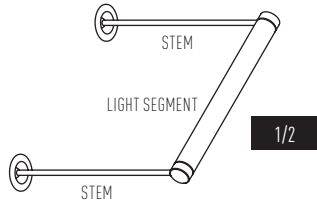


Beam angle 84°

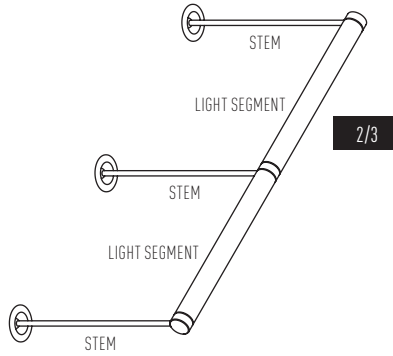


Construction templates

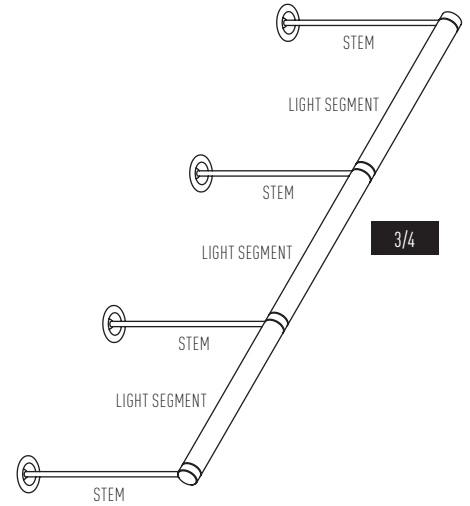
1 LIGHT SEGMENT / 2 STEMS



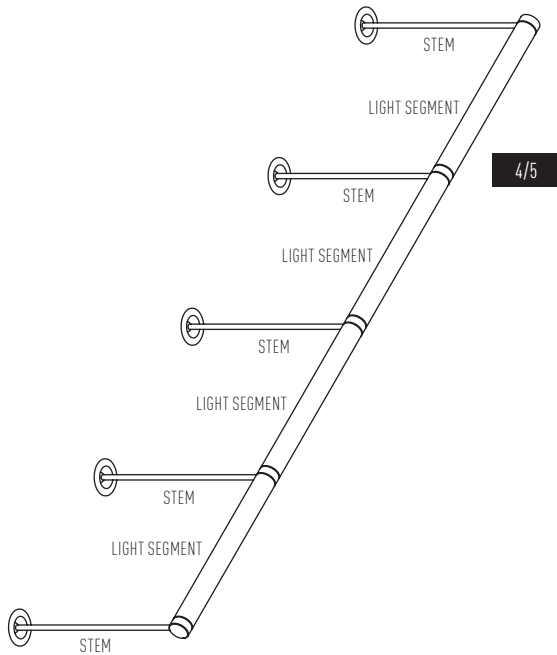
2 LIGHT SEGMENTS / 3 STEMS



3 LIGHT SEGMENTS / 4 STEMS



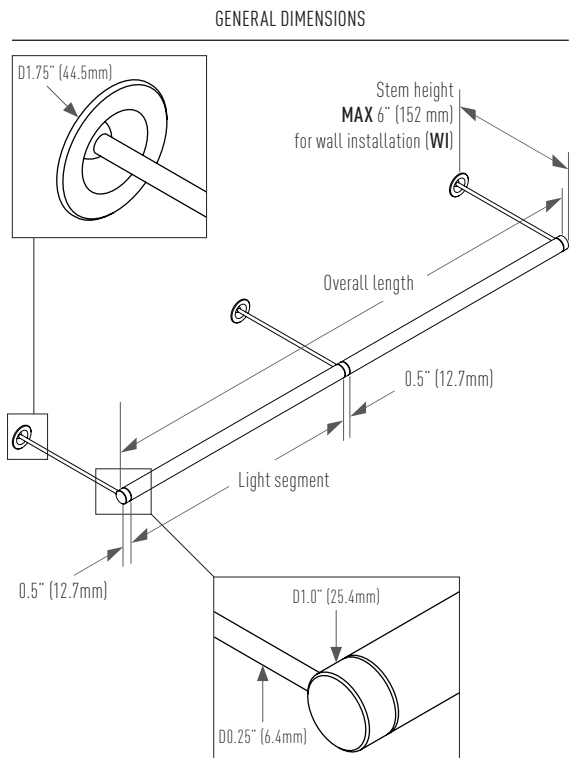
4 LIGHT SEGMENTS / 5 STEMS



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

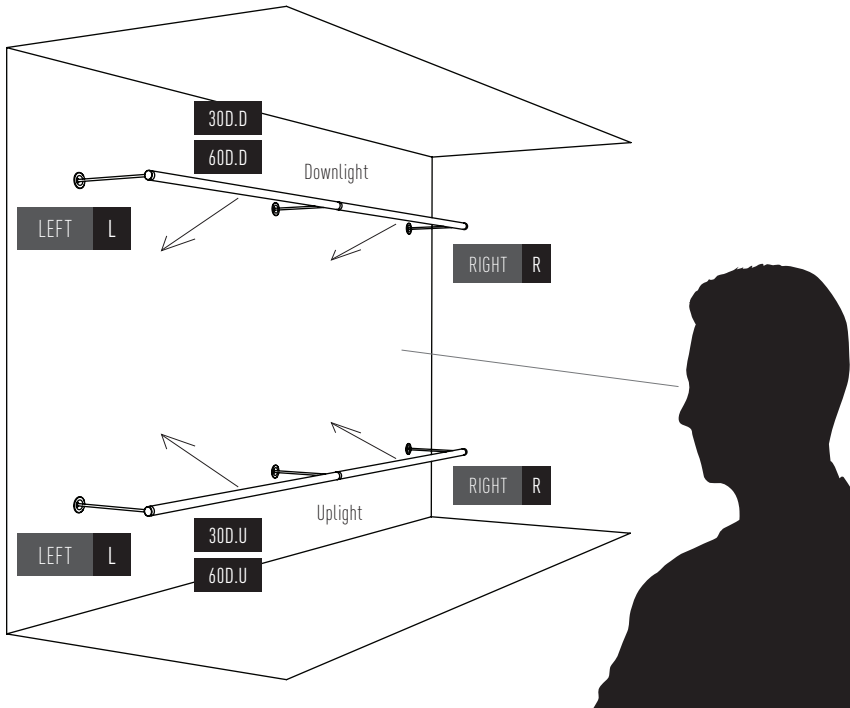
Installation Hardware installation with included mounting kits

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.

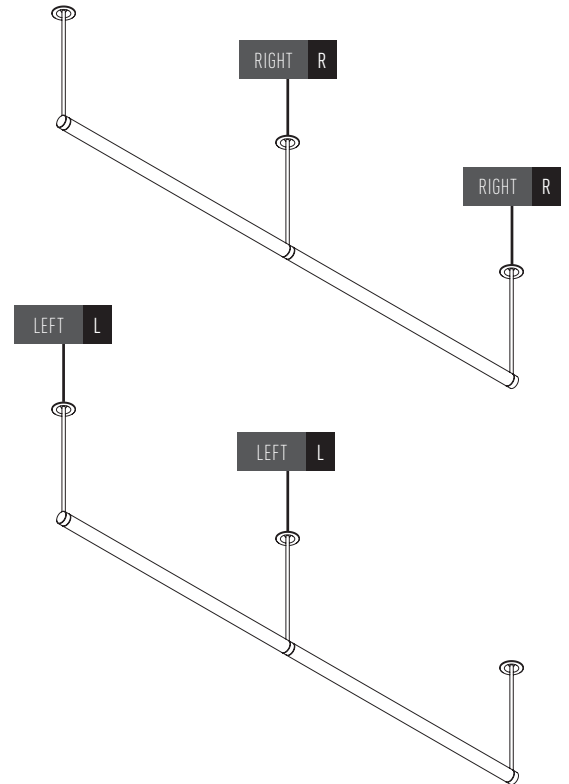
Applications Designed for museum wall-washing applications, typically to highlight posters, paintings, artworks and similar.

Wiring options

WIRE EXIT



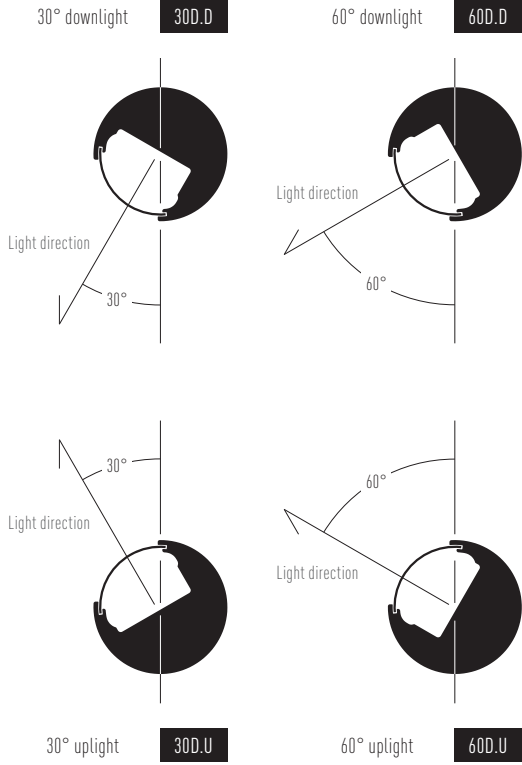
In asymmetric beams, left and right are set in relation to the light going away from your sight.



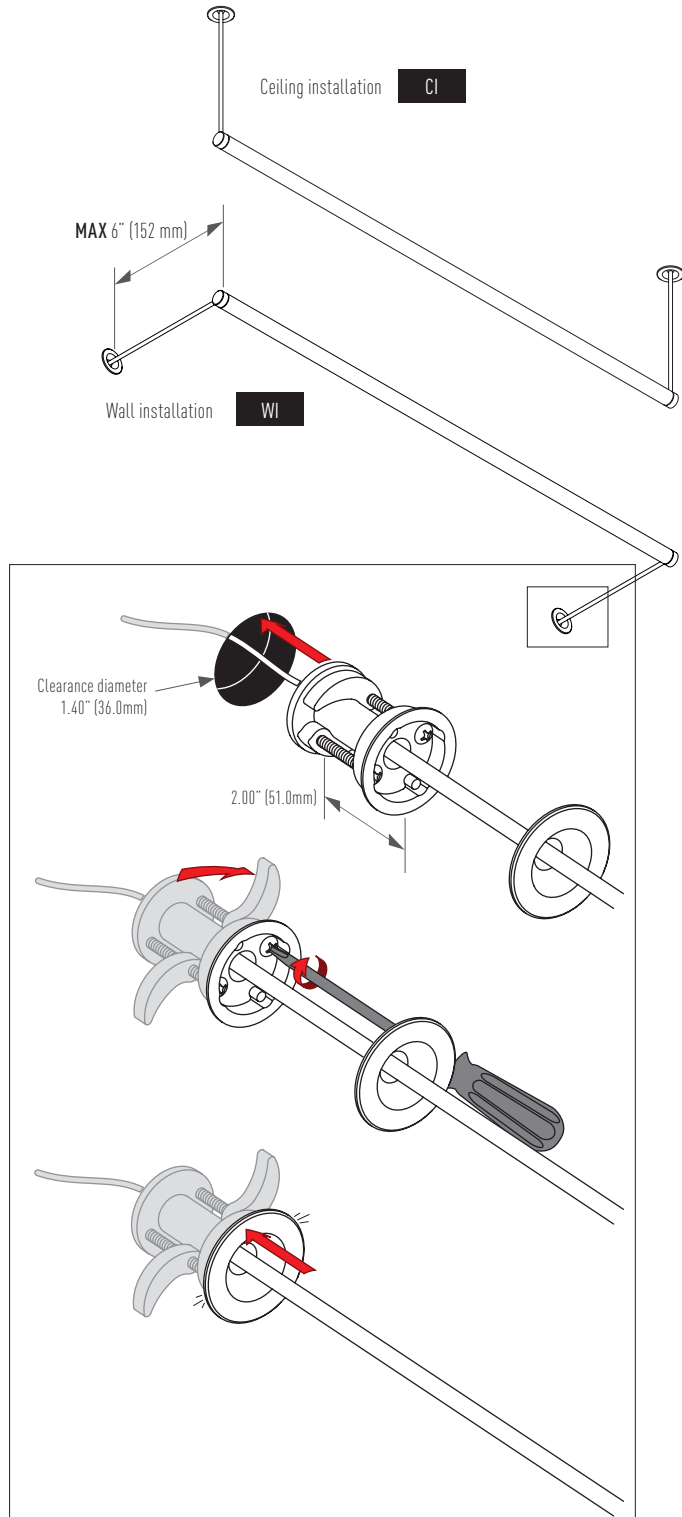
In multiple light segments the wire exit is simultaneous for each light segment. Every light segment has to have a power feed.

Integration overview

ANGLE DIRECTION

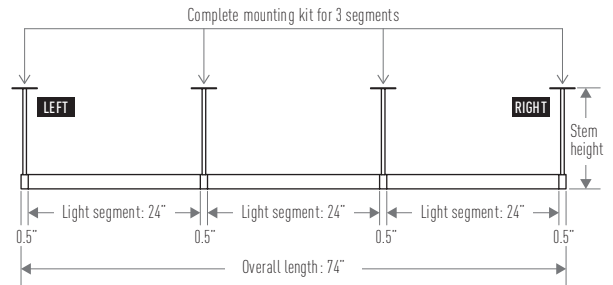


MOUNTING OPTIONS



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
S	W	CI	24V	7.5W	ABK	2200K	80	15D.NBF	60D.U	18.0 to 74.0	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)	1/2	6.0 to 36.0	L	12
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: TWB, PB, BB, PC, BC	(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 in increment of 4".	#/ Quantity of fixtures	4/5			
					BB	4000K	80	49D.CF	U Uplight	Available finishes: TWB, PB, BB, PC, BC	#/ Quantity of stems	5/6			
					PC			66D.CF	D Downlight		#/ Quantity of stems		6.0		
					BC			72D.CF							
					ABK			80D.CF							
					Anodized black			14X42D.LOF							
					MW			19X48D.LOF							
					Matte white										
					TWB										
					Time worn brass										
					PB										
					Polished brass										
					BB										
					Brushed brass										
					PC										
					Polished chrome										
					BC										
					Brushed chrome										



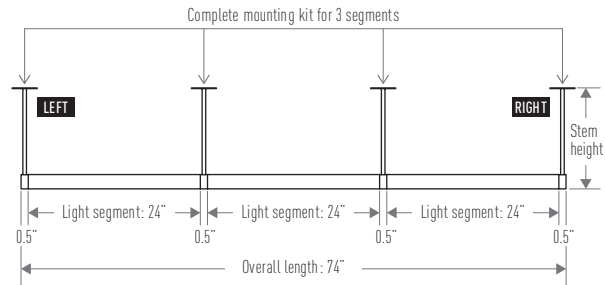
$$\begin{matrix} \text{Light segment} \times \text{quantity} & + & \text{Number of stems} \times 0.5" & = & \text{Overall length} \\ 24" \times 3 & & 4 \times 0.5" & & 74" \end{matrix}$$

ORDERING CODE	EXAMPLE	S	-	W	-	CI	-	24V	-	7.5W	-	BB	-	3000K80	-	15D.NBF	-	60D.U	-	INCHES	24.0	-	INCHES	74.0	-	INCHES	3/4	-	INCHES	6.0	-	INCHES	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	
S	HR	CI	24V	7.5W	ABK	2700K	80	FF	60D.U	18.0 to 74.0		1/2	6.0 to 36.0	L	12	
S	HR	WI		Watt per foot	MW	3000K	80	FF	60D.D	Inches	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)	2/3	Inches	R	CUSTOM	
STREAMLINE	High resolution	CI Ceiling installation			TWB	3500K	90	Frosted film	30D.U	Available finishes: ABK, MW	18.0 to 55.0	3/4	Only available for ceiling installation (CI) in increment of 6".		Inches	
		WI Wall installation			PB	4000K	90		30D.D	Available finishes: TWB, PB, BB, PC, BC		4/5				
					ABK				U	Available in increment of 4".		5/6				

- 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	S	-	HR	-	WI	-	24V	-	7.5W	-	BB	-	3500K90	-	FF	-	30D.D	-	24.0	-	74.0	-	3/4	-	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.eklipselighting.com