# SLIM-FLAT (01) Linear Fixtures

Sleek and contemporary. SLIM's ultra-low profile design makes it a perfect fit for surface mount applications with limited space.

- High-quality aluminum housings are available in satin, black, and bronze finishes with clear or diffused lens options
- With a diffused lens, SLIM provides near diode-free results at full power
- Produces a wide 98° beam angle perfect for cove, recessed, under cabinet, surface mount, and millwork lighting applications
- Painted end caps combined with an extruded aluminum housing give this fixture a polished modern look
- A fully assembled fixture that is suitable for installation in the storage area of a clothes closet when using 4.0W/ft or less
- Available in Static White, Static White High Efficacy Plus, Static White Individually Addressable, Warm Dim, Dynamic White, Dynamic White High Efficacy, Static Color, RGB, and RGBW High Efficacy

Part Number Builder

Static White

1-BIN 1-STEP | NEC 410.2 and 410.16 Closet Rated in SW1.5-4.0 | cULus LISTED | RoHS COMPLIANT | 5 YEAR WARRANTY

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
SL1SW				STD							SST		
	^	^	^	^	^	^	^	^	^	^	^	^	
Voltage: 24 VDC	1.5 3.0 4.0 5.0	20 22 24 27 30 35 40	DRY (IP20)	STD Standard	CL DF	S1 S2 Single (Closed exit)	BW BRL CON6 CON24	CLS	WH BK N/A	CL2 N/A	SST	ST BK BZ	
Typical lumens at 5.0W/ft with CL lens at 3000K: 409 lm/ft	1.5 3.0 4.0 5.0	24 27 30 35 40	DMP (IP54)			P1 P2 Pass through	BW BRL CON6 CON24	BW BRL CON6 CON24					
	1.5 3.0 4.0 5.0	20 22 24 27 30 35 40	WET (IP67)		N/A								

*Available in 1" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

Static White High Efficacy Plus

NEC 410.2 and 410.16 Closet Rated in 3.0HE | cULus LISTED | RoHS COMPLIANT | 5 YEAR WARRANTY

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
SL1SW			DRY	STD						CL2	SST		
	^	^	^	^	^	^	^	^	^	^	^	^	
Voltage: 24 VDC	3.0HE+ 6.0HE+	27 30 35 40	DRY (IP20)	STD Standard	CL DF	S1 S2 Single (Closed exit)	BW BRL CON6 CON24	CLS	WH BK	CL2	SST	ST BK BZ	Max continuous length: 3.0W - 196" 6.0W - 118"
Typical lumens at 6.0W/ft with CL lens at 3000K: 977 lm/ft						P1 P2 Pass through	BW BRL CON6 CON24	BW BRL CON6 CON24					

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

- If selecting **BRL**, select N/A for wire color and type
- **BW** comes in standard 24"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS
- **One Step, One Bin** based on 5W/ft

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot

SLIM-FLAT (01) Linear Fixtures

Static White Individually Addressable

c(UL)us LISTED · RoHS COMPLIANT · 5 YEAR WARRANTY

Voltage: 24 VDC

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
SL1IA	5.0		DRY	STD						CL2	SST		
	5.0	27 30 35 40	DRY (IP20)	STD Standard	CL DF	S1 S2 — Single (Closed exit)	BW CON6 CON24	CLS	WH BK	CL2	SST	ST BK BZ	
						P1 P2 — Pass through	BW CON6 CON24	BW CON6 CON24					

*Available in 3.35" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

Warm Dim

c(UL)us LISTED · RoHS COMPLIANT · 5 YEAR WARRANTY

Voltage: 24 VDC

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
SL1WD	6.0		DRY	STD							SST		
	6.0	19/27 19/30	DRY (IP20)	STD Standard	CL DF	S1 S2 — Single (Closed exit)	BW BRL CON6 CON24	CLS	WH BK N/A	CL2 N/A	SST	ST BK BZ	
						P1 P2 — Pass through	BW BRL CON6 CON24	BW BRL CON6 CON24					

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

Dynamic White

c(UL)us LISTED · RoHS COMPLIANT · 5 YEAR WARRANTY

Voltage: 24 VDC

Typical lumens at 6.0W/ft with CL lens at 3000K: 235 lm/ft

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
SL1DW	6.0			STD						CL2	SST		
	6.0	20/27 20/30	DRY (IP20)	STD Standard	CL DF	S1 S2 — Single (Closed exit)	BW CON6 CON24	CLS	WH BK	CL2	SST	ST BK BZ	
		24/30	DMP (IP54)			P1 P2 — Pass through	BW CON6 CON24	BW CON6 CON24					

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

- If selecting **BRL**, select N/A for wire color and type
- **BW** comes in standard 24"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies

SLIM-FLAT (01) Linear Fixtures

Dynamic White High Efficacy

NEC 410.2 and 410.16 Closet Rated in 3.0HE · c(UL)us LISTED · RoHS COMPLIANT · 5 YEAR WARRANTY

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
SL1DW				STD						CL2	SST		
	3.0HE 5.0HE	20/27 20/30 27/40 27/55	DRY (IP20)	STD Standard	CL DF	S1 S2 — Single (Closed exit)	BW CON6 CON24	CLS	WH BK	CL2	SST	ST BK BZ	
		24/30 27/40	DMP (IP54)			P1 P2 — Pass through	BW CON6 CON24	BW CON6 CON24					

Voltage: 24 VDC

Typical lumens at 5.0W/ft with CL lens at 3000K: 253 lm/ft

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

Static Color

c(UL)us LISTED · RoHS COMPLIANT · 5 YEAR WARRANTY · Certified with Red & Amber

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
SL1SC	5.0			STD							SST		
	5.0	GR BL RD AB	DRY (IP20)	STD Standard	CL DF	S1 S2 — Single (Closed exit)	BW BRL CON6 CON24	CLS	WH BK N/A	CL2 N/A	SST	ST BK BZ	
			DMP (IP54)			P1 P2 — Pass through	BW BRL CON6 CON24	BW BRL CON6 CON24					
			WET (IP67)	N/A									

Voltage: 24 VDC

Typical lumens at 5.0W/ft with CL lens in green: 507 lm/ft

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

RGB

c(UL)us LISTED · RoHS COMPLIANT · 5 YEAR WARRANTY

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
SL1RGB	6.0	RGB		STD			BW CON6 CON24			CL2	SST		
	6.0	RGB	DRY (IP20)	STD Standard	CL DF	S1 S2 — Single (Closed exit)	BW CON6 CON24	CLS	WH BK	CL2	SST	ST BK BZ	
			DMP (IP54)			P1 P2 — Pass through	BW CON6 CON24	BW CON6 CON24					

Voltage: 24 VDC

Typical lumens at 6.0W/ft with CL lens in green: 182 lm/ft

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

- If selecting **BRL**, select N/A for wire color and type
- **BW** comes in standard 24"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS

- •5 year warranty
- •Field modifications void warranty
- •Data subject to change, all data has +/- 5% tolerance
- •Compatible for use with Q-Tran power supplies
- •Florida Fish and Wildlife Conservation Commission (FWC) rated Strips: DRY and WET rated, Red and Amber
- •Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot

SLIM-FLAT (01) Linear Fixtures

RGBW High Efficacy

UL LISTED · RoHS COMPLIANT · 5 YEAR WARRANTY

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
SL1RGBW	**4.0HE**			**STD**						**CL2**	**SST**		

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish
Voltage: 24 VDC	**4.0HE**	**27** **30** **35** **40**	**DRY** (IP20)	**STD** Standard	**CL** **DF**	**S1** **S2** Single (Closed exit)	**BW** **CON6** **CON24**	**CLS**	**WH** **BK**	**CL2**	**SST**	**ST** **BK** **BZ**
Typical lumens at 8.0W/ft with CL lens at 3000K: 85 lm/ft			**DMP** (IP54)			**P1** **P2** Pass through	**BW** **CON6** **CON24**	**BW** **CON6** **CON24**				

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

- **BW** comes in standard 24"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies

SLIM-FLAT (01) Linear Fixtures

Technical Information

Static White [Calculated L70 = 70000 hrs]
Tested with SL1SW-**-30-DRY-STD

	1.5W/FT	3.0W/FT	4.0W/FT	5.0W/FT
	LM/FT	LM/FT	LM/FT	LM/FT
CL	155	270	336	409
DF	129	225	280	341

Static White High Efficacy Plus
[Calculated L70 = 50000 hrs]
Tested with SL1SW-**-30-DRY-STD

	3.0HE+W/FT	6.0HE+W/FT
	LM/FT	LM/FT
CL	528	977
DF	440	814

Dynamic White [Calculated L70 = 70000 hrs]
Tested with SL1DW-6.0-**-DRY-STD

	3000K
	LM/FT
CL	235
DF	196

Dynamic White High Efficacy [Calculated L70 = 70000 hrs]
Tested with SL1DW-**-30-DRY-STD

	3.0W/FT	5.0W/FT
	LM/FT	LM/FT
CL	160	253
DF	134	211

Static Color [Calculated L70 = 30000 hrs]
Tested with SL1SC-5.0-**-DRY-STD

	Red	Green	Blue	Amber
	LM/FT	LM/FT	LM/FT	LM/FT
CL	94	507	131	85
DF	78	422	110	71

RGB [Calculated L70 = 55000 hrs]
Tested with SL1RGB-6.0-RGB-DRY-STD

	Red	Green	Blue
	LM/FT	LM/FT	LM/FT
CL	90	182	51
DF	75	152	43

RGBW High Efficacy [Calculated L70 = 70000 hrs]
Tested with SL1RGBW-4.0HE-30-DRY-STD

	Red	Green	Blue	3000K
	LM/FT	LM/FT	LM/FT	LM/FT
CL	36	138	30	85
DF	30	115	25	71

Temperature Ratings Dependent on LED Strip W/FT

Light Engine (LED Strip)	W/FT	Minimum Limit (°F)	Maximum Limit (°F)
Static White	1.5	-40	138
	3.0	-40	124
	4.0	-40	115
	5.0	-40	108

SLIM-FLAT (01) Linear Fixtures

Lens
with LED visibility

CL	DF
Clear	Diffused
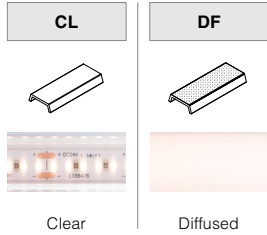
Mounting
2 clips provided for 4' or less; 4 clips provided for greater than 4'

SST

.31"
.64"   .79"
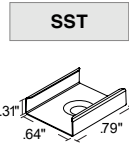
Stainless steel clip

Black clip standard with black extrusion

Type

SINGLE (Input only)

S1	S2
IN	IN
End feed	Bottom feed

PASS THROUGH (Input/Output)

P1	P2
IN / OUT	IN / OUT
End feed	Bottom feed

Finish

ST	BK	BZ
Satin	Black	Bronze

Connector/Wire – In/Out

BW	BRL	CON6 / CON24
.15"	.42" / .35"	.38" / .39" .57" / .57"
Bare Wire 24"	Barrel 6"	SW, SW-HE+, SW-IA, WD, DW, DW-HE, SC RGB, RGBW-HE

6" or 24" wire connector

End Caps

No Feed

.45"
.24"
.07"   .60"

Feed

.45"
.24"
.07"   .60"

Cut Off

CL

98º

Clear

Dimensions

.44"   .24"
.60"

Profile with lens

.44"   .31"
.64"

Profile with stainless steel mounting clip
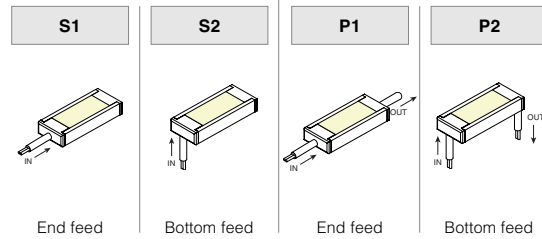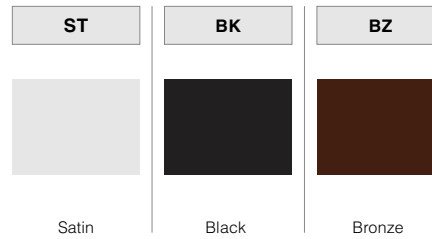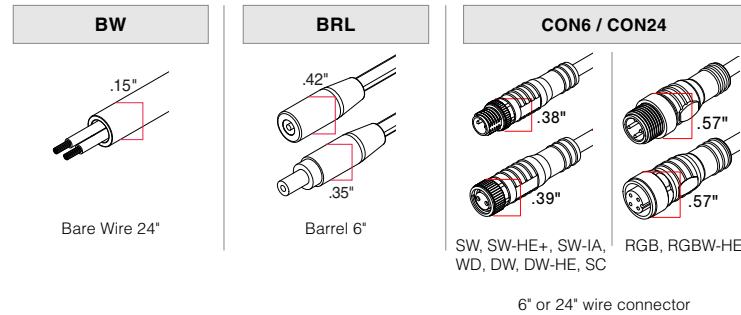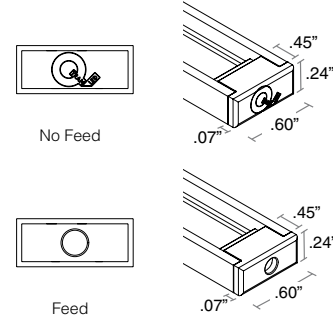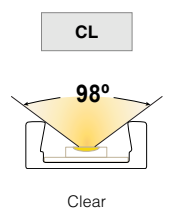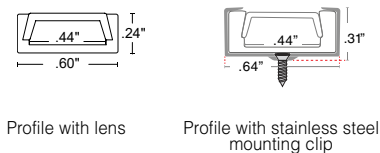
Length (in) Add to nominal LED length for fixture length

.07".45"   .45".07"

.07".45"   .45".07"

Endcap#1
Endcap#2
Space to solder wire

S1 .07" + .07" + 2(.45") =1.04"

P1 .07" + .07" + 2(.45") =1.04"

Add to nominal LED length for fixture length

Specification subject to change. Rev-04-18-23