LALO-ENCAPSULATED (03) Linear Fixtures

Ideal for lighting direct and indirect surface mount applications, LALO is now available as a fully assembled fixture. LALO Encapsulated is available in satin and black finishes and features high quality LED strips encapsulated in a rigid extrusion providing a robust fixture for various environments.

Part Number Builder

Static White

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)
LL3SW			**ENC**	**STD**									
	^	^	^	^	^	^	^	^	^	^	^	^	
Voltage: 24 VDC Typical lumens at 5.0W/ft with CL at 3000K: 331 lm/ft	**1.5** **3.0** **4.0** **5.0**	**24** **27** **30** **35** **40**	**ENC** (IP67)	**STD** Standard	**CL** **TL**	**S1** **S2** Single (Closed exit) **P1** **P2** Pass through	**BW** **BRL** **CON6** **CON24** **BW** **BRL** **CON6** **CON24**	**CLS** **BW** **BRL** **CON6** **CON24**	**WH** **BK** **N/A**	**CL2** **CL2P** **N/A**	**SST** **MG**	**ST** **BK**	

*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

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)
LL3SW			**ENC**	**STD**									
	^	^	^	^	^	^	^	^	^	^	^	^	
Voltage: 24 VDC Typical lumens at 6.0W/ft with CL at 3000K: 563 lm/ft	**1.5HE** **3.0HE** **6.0HE**	**24** **27** **30** **35** **40**	**ENC** (IP67)	**STD** Standard	**CL** **TL**	**S1** **S2** Single (Closed exit) **P1** **P2**	**BW** **BRL** **CON6** **CON24** **BW** **BRL** **CON6** **CON24**	**CLS** **BW** **BRL** **CON6** **CON24**	**WH** **BK** **N/A**	**CL2** **CL2P** **N/A**	**SST** **MG**	**ST** **BK**	

*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
- Specify **CL2P** for plenum rated wire

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies
- IK10 rated

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LALO-ENCAPSULATED (03) Linear Fixtures

Dynamic White

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
LL3DW	**6.0**	**24/30**	**ENC**	**STD**									
	6.0	**24/30**	**ENC** (IP67)	**STD** Standard	**CL TL**	**S1 S2** Single (Closed exit)	**BW CON6 CON24**	**CLS**	**WH BK**	**CL2 CL2P**	**SST MG**	**ST BK**	
						P1 P2 Pass through	**BW CON6 CON24**	**BW CON6 CON24**					

Voltage: 24 VDC

Typical lumens at 6.0W/ft with CL at 3000K: 191 lm/ft

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

Dynamic White High Efficacy

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
LL3DW			**ENC**	**STD**									
	3.0HE 5.0HE	**24/30 27/40**	**ENC** (IP67)	**STD** Standard	**CL TL**	**S1 S2** Single (Closed exit)	**BW BRL CON6 CON24**	**CLS**	**WH BK N/A**	**CL2 CL2P N/A**	**SST MG**	**ST BK**	
						P1 P2 Pass through	**BW BRL CON6 CON24**	**BW BRL CON6 CON24**					

Voltage: 24 VDC

Typical lumens at 5.0W/ft with CL lens at 3000K: 205 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

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
LL3SC	**5.0**		**ENC**	**STD**									
	5.0	**GR BL RD AB**	**ENC** (IP67)	**STD** Standard	**CL TL**	**S1 S2** Single (Closed exit)	**BW BRL CON6 CON24**	**CLS**	**WH BK N/A**	**CL2 CL2P N/A**	**SST MG**	**ST BK**	
						P1 P2 Pass through	**BW BRL CON6 CON24**	**BW BRL CON6 CON24**					

Voltage: 24 VDC

Typical lumens at 5.0W/ft with CL in green: 411 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
- Specify **CL2P** for plenum rated wire

- 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
- IK10 rated

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LALO-ENCAPSULATED (03) Linear Fixtures

RGB

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
LL3RGB	**6.0**	**RGB**	**ENC**	**STD**									
Voltage: 24 VDC Typical lumens at 6.0W/ft with CL in green: 147 lm/ft	**6.0**	**RGB**	**ENC** (IP67)	**STD** Standard	**CL** **TL**	**S1** **S2** Single (Closed exit)	**BW** **CON6** **CON24**	**CLS**	**WH** **BK**	**CL2** **CL2P**	**SST** **MG**	**ST** **BK**	
						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".

RGBW

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
LL3RGBW	**6.0**		**ENC**	**STD**									
Voltage: 24 VDC Typical lumens at 4.0W/ft with CL lens at 3000K: 72 lm/ft	**6.0**	**27** **30**	**ENC** (IP67)	**STD** Standard	**CL** **TL**	**S1** **S2** Single (Closed exit)	**BW** **CON6** **CON24**	**CLS**	**WH** **BK**	**CL2** **CL2P**	**SST** **MG**	**ST** **BK**	
						P1 **P2** Pass through	**BW** **CON6** **CON24**	**BW** **CON6** **CON24**					

*Available in 4" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

RGBW High Efficacy

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
LL3RGBW	**4.0HE**		**ENC**	**STD**									
Voltage: 24 VDC Typical lumens at 4.0W/ft with CL lens at 3000K: 69 lm/ft	**4.0HE**	**27** **30** **35** **40**	**ENC** (IP67)	**STD** Standard	**CL** **TL**	**S1** **S2** Single (Closed exit)	**BW** **CON6** **CON24**	**CLS**	**WH** **BK**	**CL2** **CL2P**	**SST** **MG**	**ST** **BK**	
						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
- Specify **CL2P** for plenum rated wire

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies
- IK10 rated

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LALO-ENCAPSULATED (03) Linear Fixtures

Technical Information

Static White [Calculated L70 = 30000 hrs]
Tested with LL3SW-**-30-ENC-STD

	1.5W/FT	3.0W/FT	4.0W/FT	5.0W/FT
	LM/FT	LM/FT	LM/FT	LM/FT
CL	126	219	272	331
TL	67	117	145	177

Static White High Efficacy
[Calculated L70 = 70000 hrs]
Tested with LL3SW-**-30-ENC-STD

	1.5HEW/FT	3.0HEW/FT	6.0HEW/FT
	LM/FT	LM/FT	LM/FT
CL	162	297	563
TL	87	159	301

Dynamic White
[Calculated L70 = 70000 hrs]
Tested with LL3DW-6.0-**-ENC-STD

	3000K
	LM/FT
CL	191
TL	102

Dynamic White High Efficacy
[Calculated L70 = 70000 hrs]
Tested with LL3DW-**-30-DRY-STD

	3.0W/FT	5.0W/FT
	LM/FT	LM/FT
CL	130	205
TL	69	110

Static Color [Calculated L70 = 30000 hrs]
Tested with LL3SC-5.0-**-ENC-STD

	Red	Green	Blue	Amber
	LM/FT	LM/FT	LM/FT	LM/FT
CL	76	411	107	69
TL	41	220	57	37

RGB [Calculated L70 = 55000 hrs]
Tested with LL3RGB-6.0-RGB-ENC-STD

	Red	Green	Blue
	LM/FT	LM/FT	LM/FT
CL	73	147	42
TL	39	79	22

RGBW [Calculated L70 = 70000 hrs]
Tested with LL3RGBW-6.0-30-DRY-STD

	Red	Green	Blue	3000K
	LM/FT	LM/FT	LM/FT	LM/FT
CL	27	91	23	72
TL	14	48	12	39

RGBW High Efficacy [Calculated L70 = 70000 hrs]
Tested with LL3RGBW-4.0HE-30-DRY-STD

	Red	Green	Blue	3000K
	LM/FT	LM/FT	LM/FT	LM/FT
CL	29	112	24	69
TL	16	60	13	37

Temperature Ratings Dependent on LED Strip W/FT

Light Engine (LED Strip)	W/FT	Minimum Limit (°F)	Maximum Limit (°F)
Static White	1.5	-4	138
	3.0	-4	124
	4.0	-4	115
	5.0	-4	108
Static White High-Efficacy	1.5HE	-4	152
	3.0HE	-4	140
	6.0HE	-4	118

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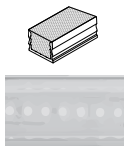
LALO-ENCAPSULATED (03) Linear Fixtures

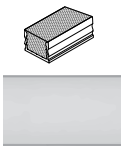
Lens
with LED visibility

CL



Encapsulated in Clear

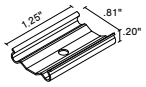
TL



Encapsulated in Translucent

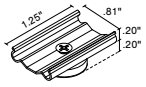
Mounting
2 clips provided for 4' or less; 4 clips provided for greater than 4'

SST



Stainless steel clip

MG

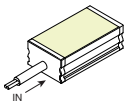


Magnet clip

Type

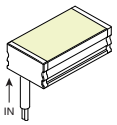
SINGLE (Input only)

S1



End feed

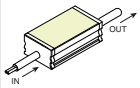
S2



Bottom feed

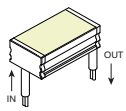
PASS THROUGH (Input/Output)

P1



End feed

P2



Bottom feed

Finish

ST

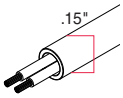
Satin

BK

Black

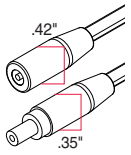
Connector/Wire – In/Out

BW



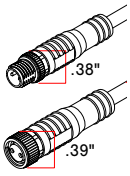
Bare Wire 24"

BRL

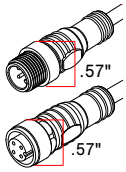


Barrel 6"

CON6 / CON24



SW, SW-HE, DW, DW-HE, SC

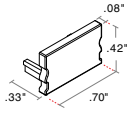


RGB, RGBW, RGBW-HE

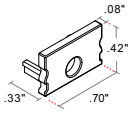
6" or 24" wire connector

End Caps

Flat end caps

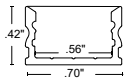


No feed

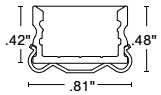


Feed

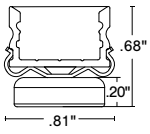
Dimensions



Profile

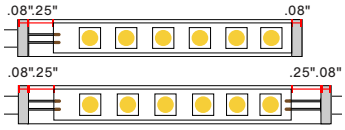


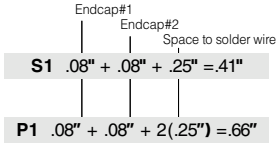
Profile with stainless steel mounting clip



Profile with magnet mounting clip

Length (in) Add to nominal LED length for fixture length





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Specification subject to change. Rev-02-24-22