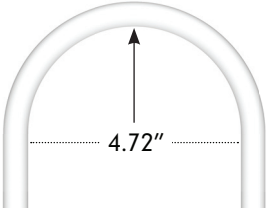
tivoli
FlexileLG
SYSTEM

Project: _____ Type: _____

- Compare to traditional neon 360° lighted surface illuminates uniformly without any shadowing
- High luminous efficiency with LM80 report
- Easily bend to any shape with superior flexibility
- UV Stabilized with food-grade environmental silicone housing (no yellowing or cracking)
- Resistance to saline solutions, acids, alkali, and corrosive gases
- Low Voltage 24V DC

Dimensions



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Order Specification Guide - Flexile Light Engine Only

PRODUCT CODE	PROFILE	POWER LEAD DIRECTION	LED COLOR	LENGTH	VOLTAGE
FLX	**LG**				**24**
FLX = Flexile 360° Light	**LG** = Large	**F** = Front **S** = Side	**23** = 2300K **27** = 2700K **30** = 3000K **35** = 3500K **40** = 4000K	**024** = 2′ (24″) **048** = 4′ (48″) **096** = 8′ (96″) **195** = 16.25′ (195″)	**24** = 24V DC
			RD = Red **GR** = Green **BL** = Blue **AM** = Amber	**024** = 2′ (23″) **048** = 4′ (48″) **096** = 8′ (96″) **195** = 16.25′ (194″)	

For custom cut lengths consult factory for lead time and MOQ

Extra Lead Prep

FLX-XEP
Extra lead wire for extended length.
Sold per ft.

Specifications

LED CCT	2300K	2700K	3000K	3500K	4000K
Lumens (lm/ft)	300	325	333	N/A	345
Efficacy (lm/W)	66.6	72.4	74	N/A	76.6
CRI	95				
Power Consumption (W/ft)	4.5				
Maximum Electrical Run	20′				
Maximum Mechanical Run	16.25′				
Cut Increments	1″				

LED Color	Red	Green	Blue	Amber
Lumens (lm/ft)	CF	CF	CF	CF
Efficacy (lm/W)	N/A	N/A	N/A	N/A
Power Consumption (W/ft)	3.12			
Maximum Electrical Run	20′			
Maximum Mechanical Run	16.25′			
Cut Increments	1.64″			

Electrical	
Dimming	TRIAC, ELV, MLV, 0-10V, DMX
Input Voltage	24V DC
Physical	
Beam Angle	360°
Dimensions (DIA) Flexile	0.98″
Bend Diameter	9.44″
Material (Flexile)	Flame, UV, Solvent, Saltwater Resistant Silicone
Storage Temperature	-0°C / -32°F ~ 60°C / 140°F
Working Temperature	-20°C / -68°F ~ 55°C / 131°F
Certification and Testing	
Certification	cULus, CE, RoHS, IK08
Environment	Dry Location
Rated Hours (TM80)	70000 hrs.
Warranty	5 Years

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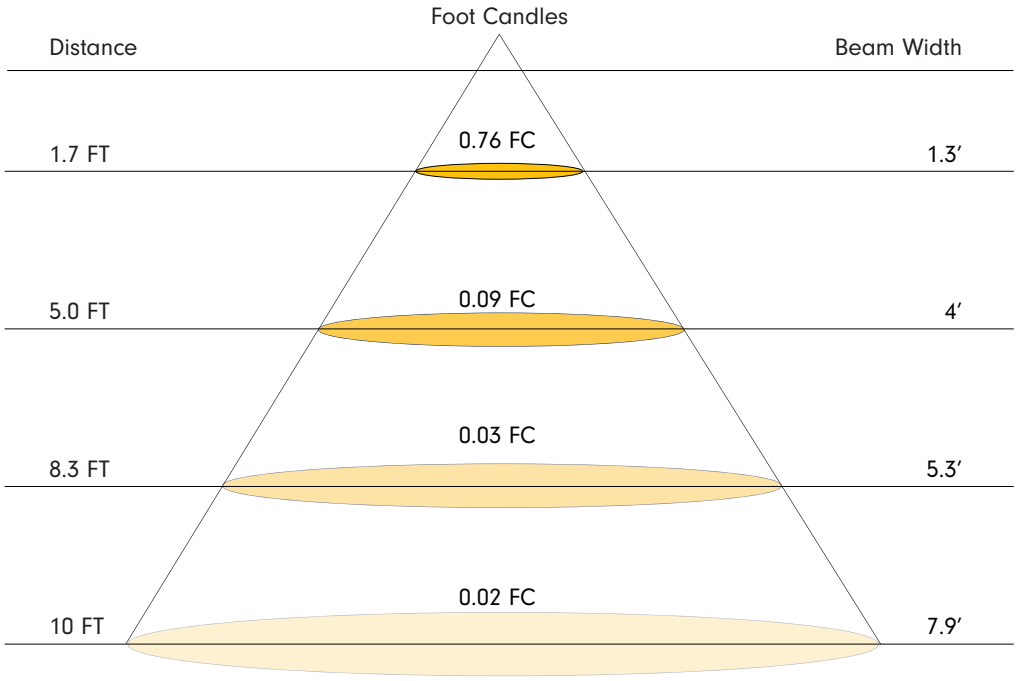
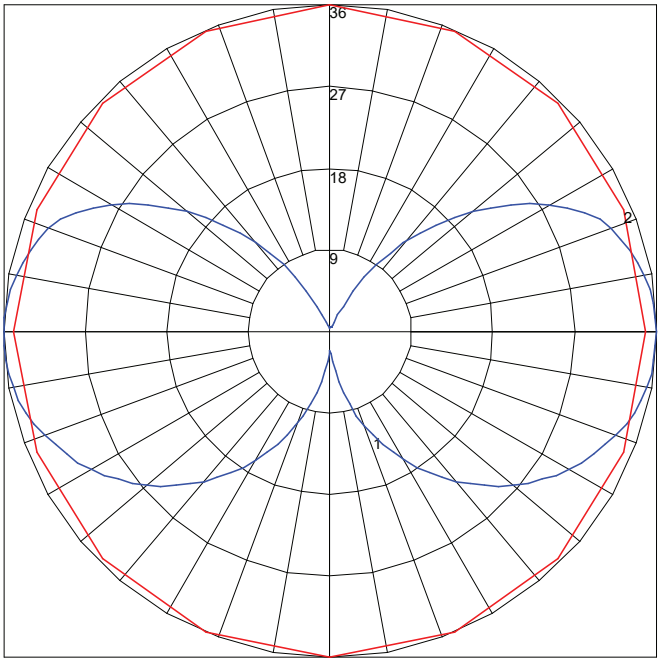
Photometrics

Note: Data is based on 3000K





Maximum Candela = 35.8 Located At Horizontal Angle = 90, Vertical Angle = 87.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (87.5) (Through Max. Cd.)

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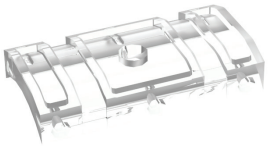
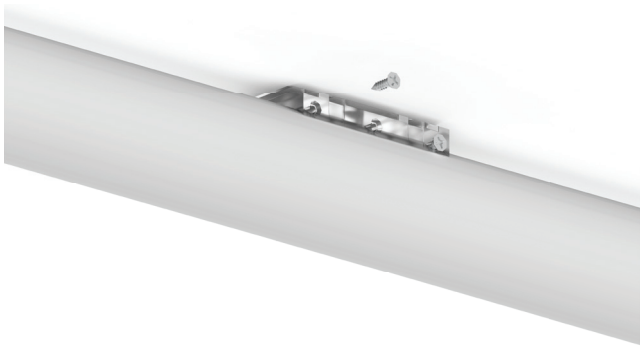
Mounting Options



FLX-LG-MTBK-LP
Clear low-profile polycarbonate surface mounting bracket
Includes: (2) brackets, (14) nails, and (5) zip ties



FLX-LG-MTBK-SEMICIRCLE
Natural aluminum metal surface mounting bracket
Includes: (2) bracket sets, (2) set screws and hardware

FLX-LG-JOINR-CIR
Natural aluminum metal joiner
Includes: (1) bracket and hardware

FLX-LG-CL-JOINER
Clear polycarbonate joiner
Includes (1) bracket and hardware

FLX-LG-PUK-XX-XX
XX = **4.5** (4.5″), **6.0** (5.9″), **7.0** (6.9″)
XX = **BK** (black), **WH** (white)
twist-to-close feature fits LG Flexile with multiple diameters. 3 ring entry points and 2 power feed holes

FLX-LG-NODE-X-XX
X = **1** (1 stack), **2** (2 stack)
XX = **BK** (black), **WH** (white)
twist-to-close feature fits LG Flexile, with 1 power feed hole

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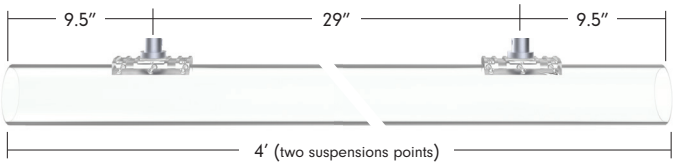
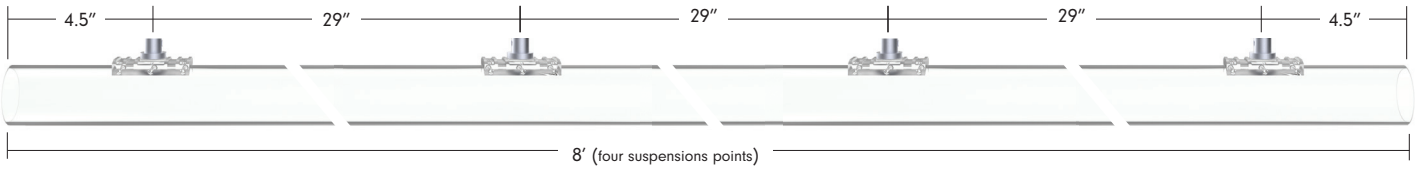
Mounting Options

FLX-LG-H-X-PNDT
X = **4** (48″), **8** (96″′)
Horizontal clear polycarbonate tube includes two 72″ cables and hardware for 4′, and four 72″ cables and hardwre for 8′





FLX-LG-SUS-MTBK-1
72″ suspension cable with mounting hardware. Includes a 1.5″ clear polycarbonate tube for uninterrupted 360 light distribution.

FLX-LG-TEL-MTBK-1
Telescoping bracket with clear tube clip. Bracket extends to maximum length of 24″ and a minimum of 13″.
Achievable Flexile bend radius of 15″ with a recommended on-center spacing of 15″ of each bracket.
Includes: (1) extension bracket and hardware

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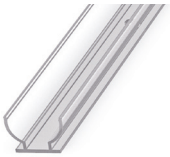
Mounting Options & Accessories

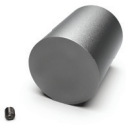
FLX-LG-CL-CLIP
PC clip closed 1″
Mount spacing 15″
sold each

FLX-LG-CL-CHAN
PC channel closed 6.5′
sold each

FLX-LG-OP-CLIP
PC clip open 2.36″
Mount spacing 15″
*sold each

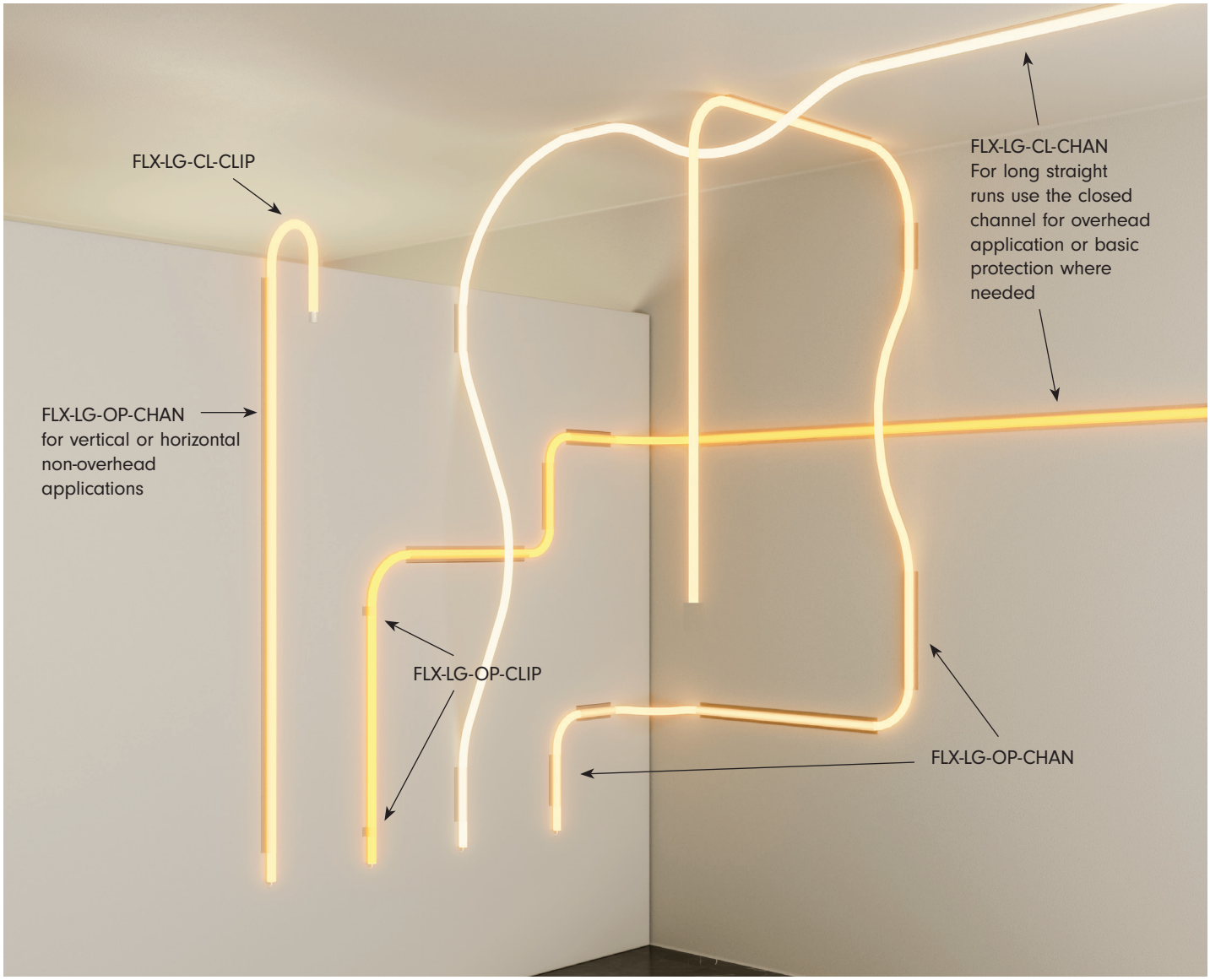


FLX-LG-OP-CHAN
PC channel open 6.5′
*sold each



FLX-LG-EC
Metal End Cap
Natural aluminum finish
sold each

*Not for horizontal overhead application



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Power Supplies - Indoor & Outdoor Cont.

INFINITY - MLV / ELV / 0-10V / PWM / TRIAC DIMMING

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MIN LOAD	MAX LOAD	CIRCUIT CAPACITY
Infinity Series Class 2 Transformer	INF-J-30-1-1.3-24	Indoor / Outdoor	100 - 277V AC	24V DC	1	3W	30W	1.3A
	INF-J-60-1-2.5-24				1	6W	60W	2.5A
	INF-J-96-1-4-24				1	9W	96W	4A
	INF-J-192-2-4-24				2	2x9W	2x96W	2x4A
	INF-J-288-3-4-24				3	3X9W	3x96W	3x4A

Power Supplies - Indoor Only

ADUL - NON DIMMING

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-120-1-4-24-D	Indoor / Damp	100-277V AC ⁵‰ HZ	24V DC	1	96W	4A
	ADUL-240-2-4-24-D				2	2x96W	2x4A
	ADUL-320-3-4-24-D				3	3x96W	3x4A

ADUL - 0-10V DIMMING

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-120-1-4-24-DOT	Indoor / Damp	100-277V AC ⁵‰ HZ	24V DC	1	96W	4A
	ADUL-240-2-4-24-DOT				2	2x96W	2x4A
	ADUL-320-3-4-24-DOT				3	3x96W	3x4A

ADUL - DMX SUB CONTROLLER (Single Address)

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-120-1-4-24-DIN	Indoor / Damp	100-277V AC 5o⁄60 Hz	24V DC	1	96W	4A
	ADUL-240-2-4-24-DIN				2	2x96W	2x4A
	ADUL-320-3-4-24-DIN				3	3x96W	3x4A

ADUL - DMX SUB CONTROLLER (Multi Address)

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-240-2-4-24-DIN-2	Indoor / Damp	100-277V AC 5o⁄60 Hz	24V DC	2	2x96W	2x4A
	ADUL-320-3-4-24-DIN-3				3	3x96W	3x4A

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