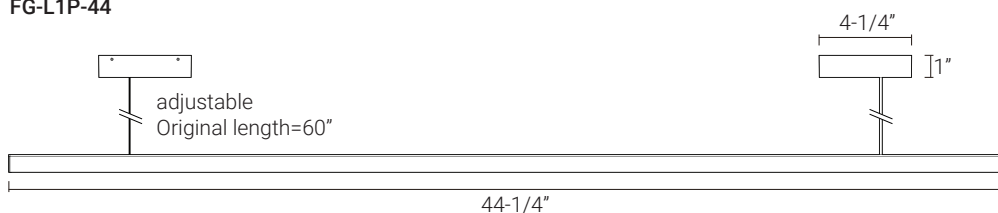
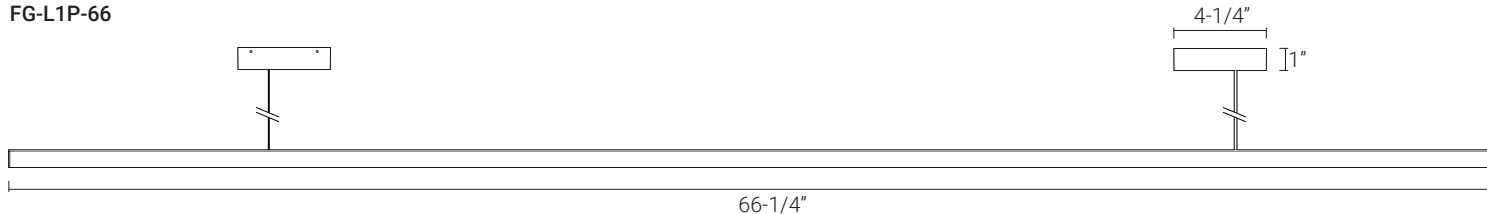




FG-L1P-44



FG-L1P-66



TENSION 'PENDANT DIFFUSED' SERIES

The 'Pendant Diffused' luminaire is equipped with a 60" adjustable suspension system which easily integrates into the Tension track system. The FT-L1P-44 and FT-L1P-66 are designed with a minimal profile from the track for a clean, sophisticated look.

For a sleek and modern-looking space, the FT-L1P Pendant Diffused Linear luminaire is the ideal choice for dynamic design and general illumination.

SERIES	DELIVERED LUMENS	WATTAGE
FT-L1P-44	2400	42W
FT-L1P-66	3600	63W

Based on 3000K, 90+ CRI. Actual wattage may vary +/- 5%

SERIES

Tension - 'Pendant Diffused' series

SIZE

44", 66"

CCT

2700K, 3000K, 3500K, 4000K, 5000K

CRI

90+

COLOR QUALITY

2 Step MacAdam Ellipse

FINISH

● BK (Black) ○ WH (White)

DIMMING

DIM10 - (0-10V Dimming)

WEIGHT

1.48 lbs, 2.09 lbs

LIFETIME

L70 at 60,000 Hours

PHOTOMETRIC TESTS

In Accordance with IES LM79-08, LM80 and TM-30, TM-21

FEATURES OF TENSION FAMILY

The Tension system, the latest innovation in track lighting, is ideal for applications in locations where luminaires cannot be suspended from the ceiling, such as in open office spaces with tall ceilings. This design provides a solution by attaching its turnbuckles to two walls up to 65' apart, installed straight at 0° or up to 45° in any direction – an innovative and practical, yet stylish, piece perfect for any modern building.

The Tension's available track head options are in-line linear, spot, pendant, pendant-linear, and cylinder. The Tension 48V DC track system is available with multiple sleek, slender, and compact track heads that can be mounted onto any part of the track with an easy-installation 2-step method. Simply click the track head connector into place, then secure the luminaire with the locking mechanism provided. This quick and intuitive process allows users to interchange one Tension-compatible luminaire for another for a design that adapts to the user's preferences, updating to match any design or application, current or future.

This wide, flexible design can provide continuous light ideal for a high-end office with practical, yet aesthetic lumination. Concealed uplight tape and track conductors provide indirect lighting for an elegant look.

Utilize Diffused or Downlight linear or pendant, small or large spot, and sphere or cylinder track head to customize your type of lumination: visual focus, highlights, or pendant lighting effects designed for a plethora of applications, such as galleries, museums, hospitality spaces, retail spaces, corporate offices, and residential spaces.

CONSTRUCTION

All track heads are engineered to have an extremely long lifespan and service period by using cool LED's Advanced Thermodynamic Design, which includes an extruded aluminum body, a hidden diecast heat sink, and a thermal management system.

LED MODULE PERFORMANCE

The Tension System's luminaires are equipped with 2-step McAdam Eclipse LEDs, which provide consistent color across all fixtures, and 90+CRI. The LEDs are available in a variety of Kelvin temperature options.

FINISH

The Tension track system is available in a powder-coated black post-paint finish.

The Tension luminaires are all available in a powder-coated black or white post-paint finish.

DRIVERS

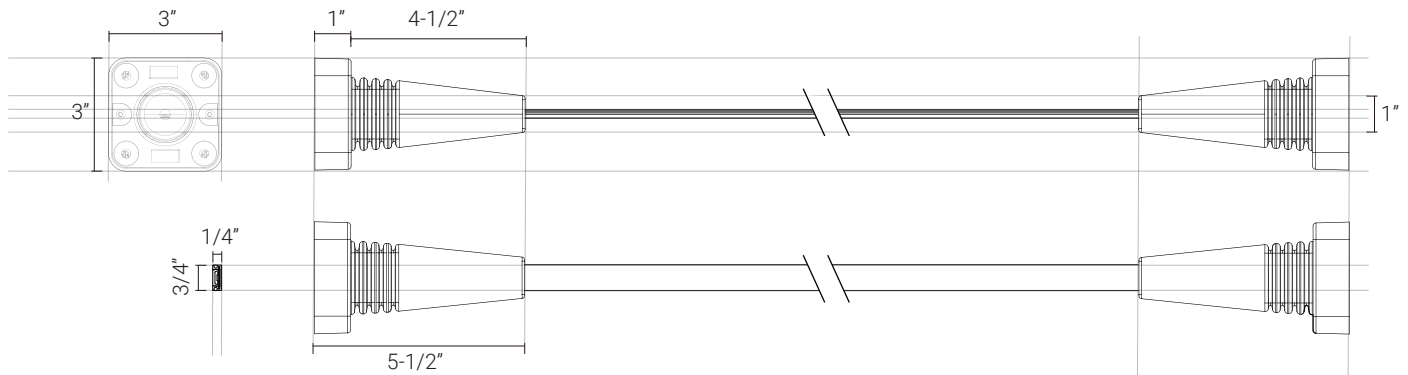
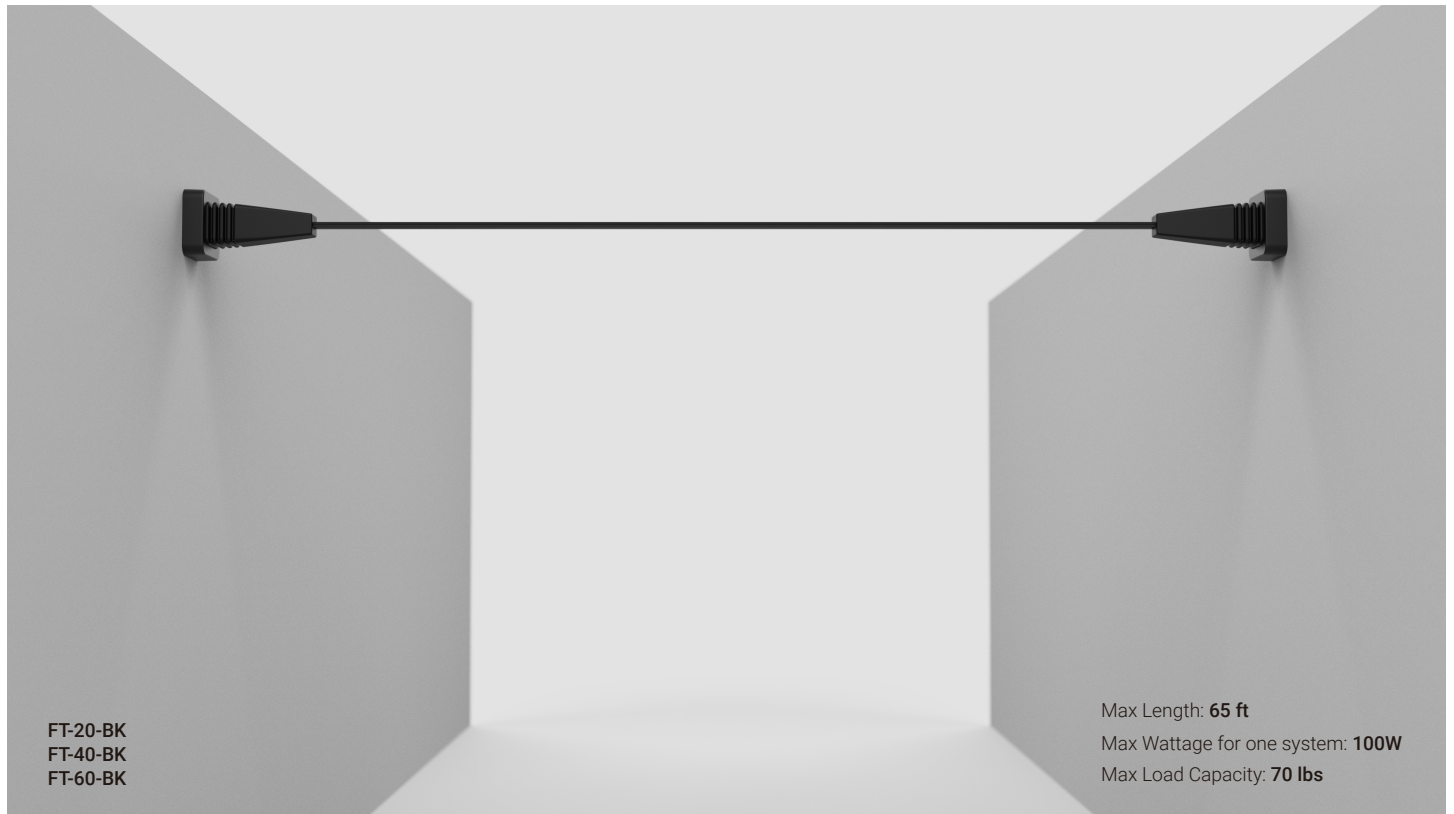
The Tension System is powered by constant voltage drivers with a rating of 50/60Hz at a 120/277V input and a 48V output. They produce less than 20% THD, have a 90% power factor, and are thermally protected for additional safety. Driver wattage is only available in 100W and can power up to 6 ft. of track. Tension drivers can be remotely mounted, and are available in 0-10V 1 % Dimming. Please see Tension track system spec sheets for a complete list of drivers and capabilities.

Remote Mount Driver Options:

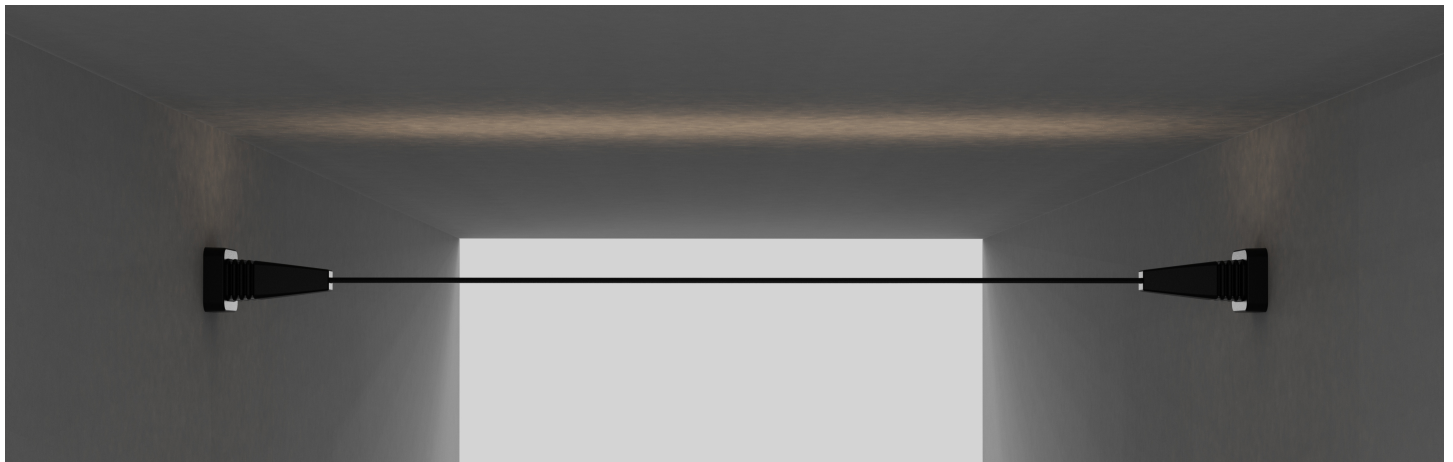
0-10V dimming on either MVOLT 120, 277 Dimmable down to 1% of initial lumens. FT-DR- ELG-100-48: 60W @ 120V or 85W. @ 277V.

EXAMPLE:				
SERIES	CCT	CRI	FINISH	OPTION
FT-L1P-44	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K	<input type="checkbox"/> 90	<input type="checkbox"/> BK (Black) <input type="checkbox"/> WH (White)	<input type="checkbox"/> 48V
FT-L1P-66				

ACCESSORY - TRACK



ACCESSORY - UPLIGHT

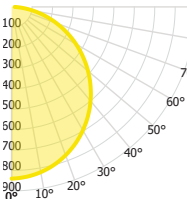


FT-L1P-44-30K-90

TEST NO.: **220070**

INPUT WATTS: **42.4** LUMENS: **2436** EFFICACY: **57** BEAM ANGLE: **113** SPACING CRITERIA: **1.23**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	840	840
10°	821	825
20°	772	778
30°	697	709
40°	600	609
50°	488	496
60°	363	371
70°	234	238
80°	107	106
90°	15	2

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	150643	150643
45.00°	138453	140724
55.00°	133388	136616
65.00°	126813	129343
75.00°	117404	118583
85.00°	102939	96270

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	80
10° - 20°	227
20° - 30°	344
30° - 40°	414
40° - 50°	429
50° - 60°	391
60° - 70°	305
70° - 80°	186
80° - 90°	61

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	307	13%
0° - 30°	650	27%
0° - 40°	1064	44%
0° - 60°	1884	77%
0° - 80°	2376	98%
0° - 90°	2436	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	23.3 fc	18.1 ft	17.9 ft
8.0 ft	13.1 fc	24.2 ft	23.9 ft
10.0 ft	8.4 fc	30.2 ft	29.8 ft
12.0 ft	5.8 fc	36.3 ft	35.8 ft
14.0 ft	4.3 fc	42.3 ft	41.7 ft
16.0 ft	3.3 fc	48.4 ft	47.7 ft
18.0 ft	2.6 fc	54.4 ft	53.7 ft
20.0 ft	2.1 fc	60.5 ft	59.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

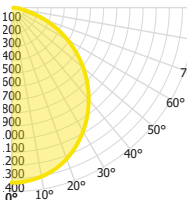
pf pc pw	80%				70%				20%				50%				30%				10%				0%	
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	106	102	102	102	102	100	100	100	100			
1	108	103	99	95	106	101	97	93	97	93	90	93	90	88	89	87	85	83	81	79	71	69	63			
2	98	90	83	77	96	88	81	76	84	79	74	81	76	72	78	74	71	69	64	60	58	58				
3	89	79	70	64	87	77	69	63	74	67	62	71	66	61	69	64	60	58	54	50	48	48				
4	82	70	61	54	79	68	60	53	66	58	53	63	57	52	61	56	51	49	46	43	41	40				
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42	40	38	36	35				
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37	35	33	32	31				
7	64	51	42	36	63	50	41	35	48	41	35	47	40	35	45	39	35	33	31	29	28	27				
8	60	46	38	32	58	46	37	32	44	37	31	43	36	31	42	36	32	29	27	26	25	24				
9	56	42	34	28	55	42	34	28	41	33	28	40	33	28	39	32	28	26	25	24	23	22				
10	52	39	31	26	51	39	31	26	38	31	26	37	30	25	36	30	25	24	23	22	21	20				

FT-L1P-66-30K-90

TEST NO.: **220070**

INPUT WATTS: **65.0** LUMENS: **3761** EFFICACY: **58** BEAM ANGLE: **109** SPACING CRITERIA: **1.21**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	1331	1331
10°	1306	1312
20°	1224	1235
30°	1087	1120
40°	912	963
50°	711	785
60°	493	586
70°	267	377
80°	91	170
90°	12	5

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	298519	298519
45.00°	258278	278083
55.00°	235611	272925
65.00°	201767	260469
75.00°	139486	237306
85.00°	113751	193950

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	126
10° - 20°	360
20° - 30°	544
30° - 40°	652
40° - 50°	671
50° - 60°	603
60° - 70°	459
70° - 80°	265
80° - 90°	82

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	486	13%
0° - 30°	1030	27%
0° - 40°	1682	45%
0° - 60°	2955	79%
0° - 80°	3679	98%
0° - 90°	3761	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	37.0 fc	17.0 ft	18.0 ft
8.0 ft	20.8 fc	22.7 ft	24.0 ft
10.0 ft	13.3 fc	28.4 ft	29.9 ft
12.0 ft	9.2 fc	34.1 ft	35.9 ft
14.0 ft	6.8 fc	39.8 ft	41.9 ft
16.0 ft	5.2 fc	45.4 ft	47.9 ft
18.0 ft	4.1 fc	51.1 ft	53.9 ft
20.0 ft	3.3 fc	56.8 ft	59.9 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	80%				70%				20%				50%				30%				10%				0%					
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
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1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83	83	83	83	83	83	83	83	83	83	83	83	83	83
2	99	90	83	78	96	88	82	77	85	80	75	82	77	73	79	75	72	69	69	69	69	69	69	69	69	69	69	69	69	69	69
3	90	79	71	64	87	78	70	64	75	68	63	72	66	62	69	65	61	58	58	58	58	58	58	58	58	58	58	58	58	58	58
4	82	70	61	55	80	69	61	54	66	59	53	64	58	53	62	56	52	50	50	50	50	50	50	50	50	50	50	50	50	50	50
5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	43	43	43	43	43	43	43	43	43	43	43	43	43	43
6	70	56	47	41	68	56	47	41	54	46	40	52	45	40	50	44	40	38	38	38	38	38	38	38	38	38	38	38	38	38	38
7	65	51	42	36	63	50	42	36	49	41	36	47	41	36	46	40	35	33	33	33	33	33	33	33	33	33	33	33	33	33	33
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	32	30	30	30	30	30	30	30	30	30	30	30	30	30	30
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10	53	40	32	26	52	39	31	26	38	31	26	37	31	26	36	30	26	24	24	24	24	24	24	24	24	24	24	24	24	24	24