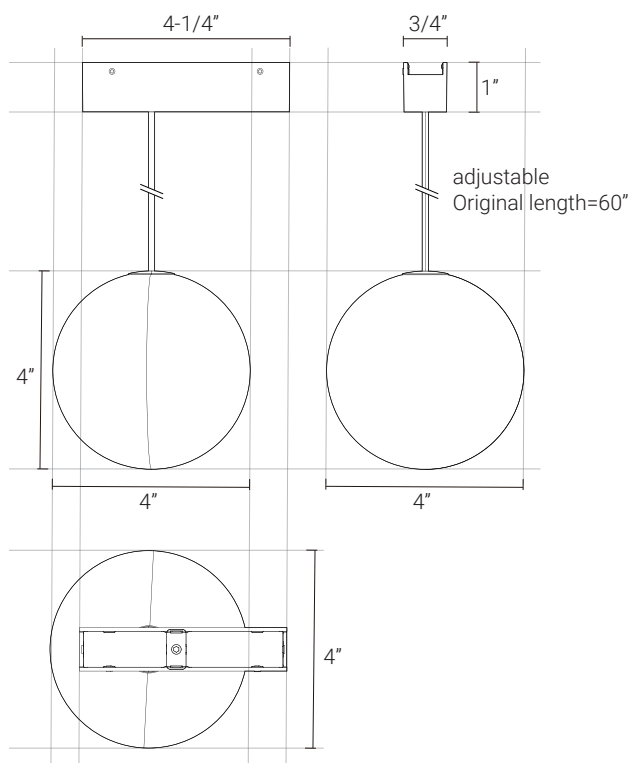
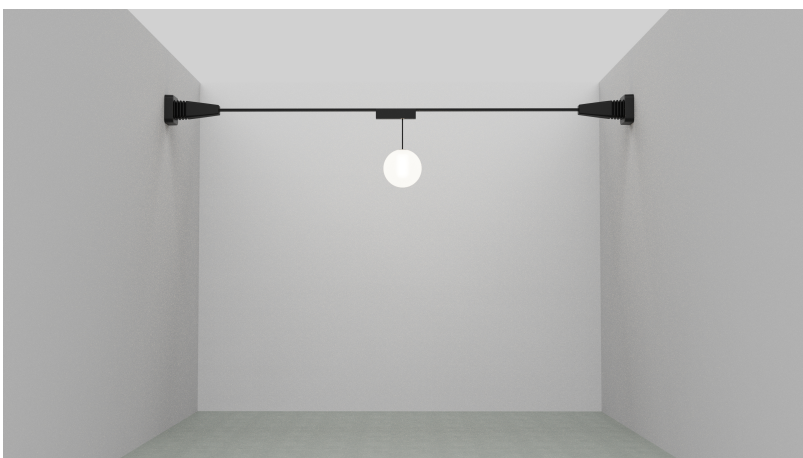
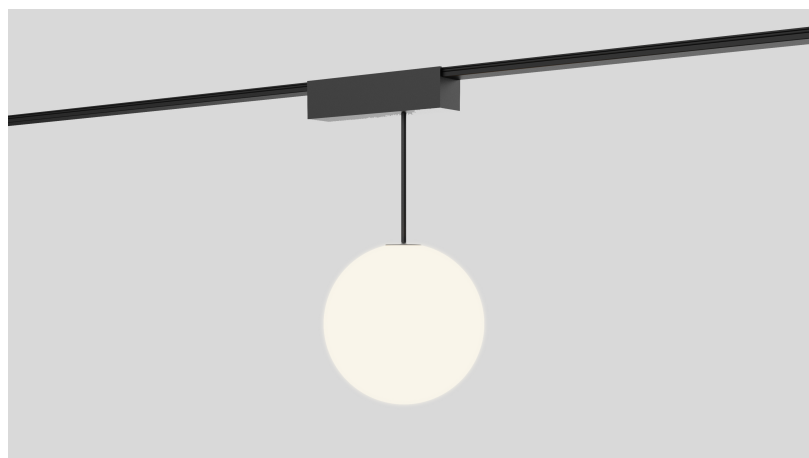




SERIES	DELIVERED LUMENS	WATTAGE
FT-P5-1	370	7W

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%

TENSION 'GLOBE' SERIES

The FT-P5-1 Pendant Globe Luminaire is designed with a unique spherical construction that can be utilized to provide a soft glow and elegantly illuminate your space. The Globe illuminates the entirety of its spherical light without obstruction. This fixture is equipped with a standard 60" length wire to suspend the luminaire that can be customized in the field to your desired length.

This decorative piece can be installed individually or combined with other Tension system track luminaires to create the perfect design. For a dynamic arrangement, it is recommended to use the FT-P5-1 as statement pieces between your choice of other linear, pendant, or cylinder track luminaires.

SERIES	Tension - 'Globe' series
SIZE	Diameter= 4"
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	0.58 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

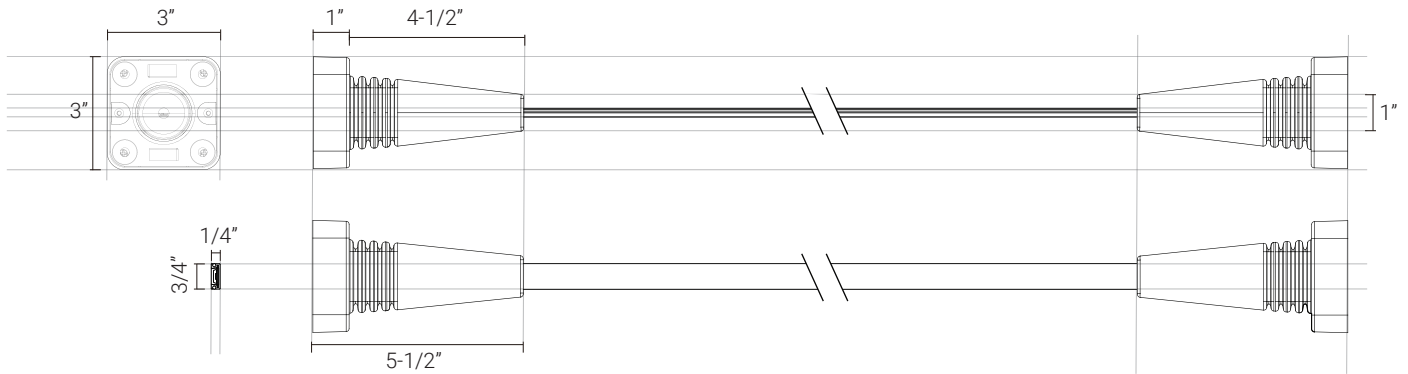
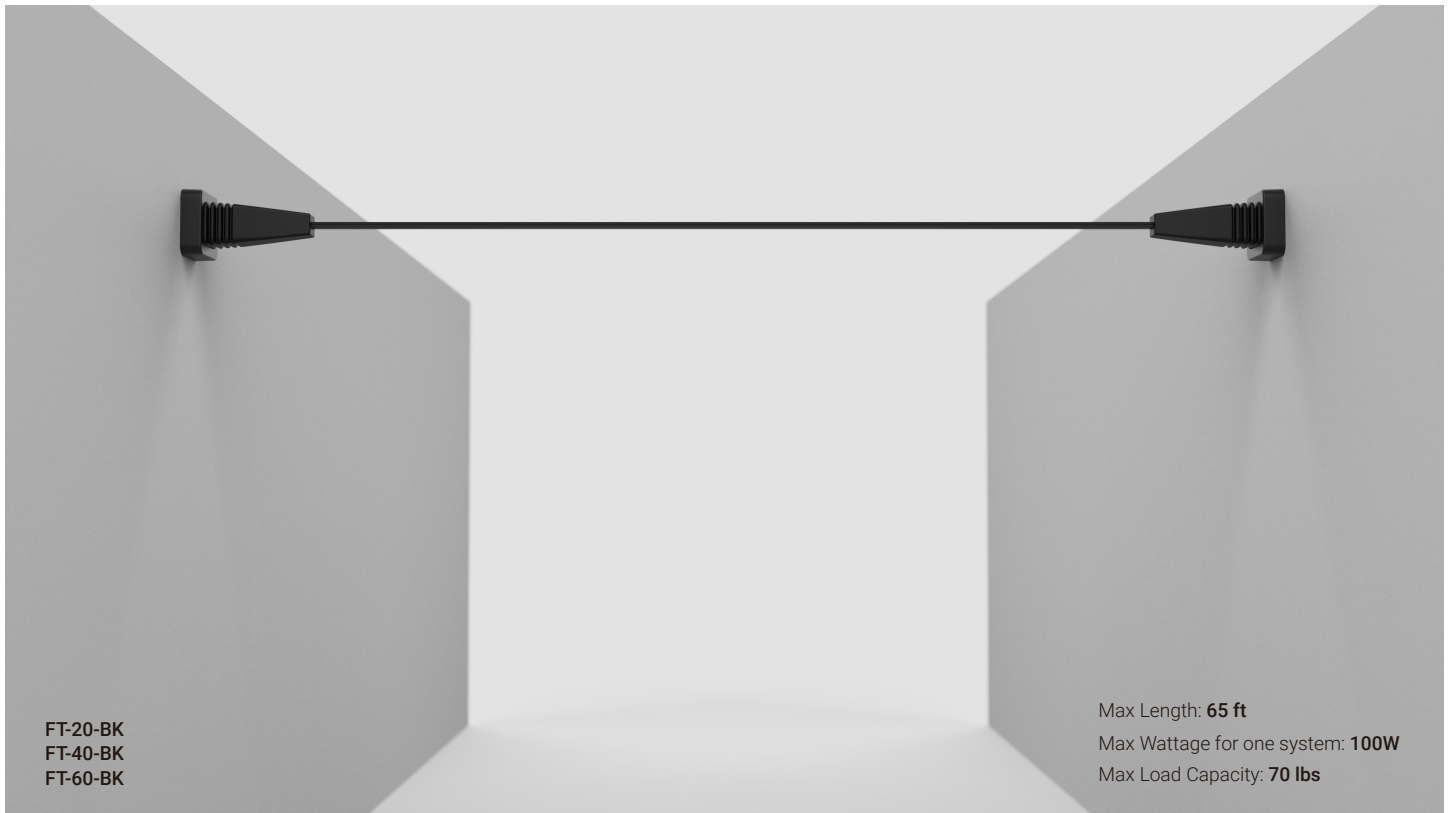
The Tension System is powered by constant voltage drivers with a rating of 50/60Hz at a 120/277V input and a 48V output. They produce less than 20% THD, have a 90% power factor, and are thermally protected for additional safety. Driver wattage is only available in 100W and can power up to 6 ft. of track. 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:

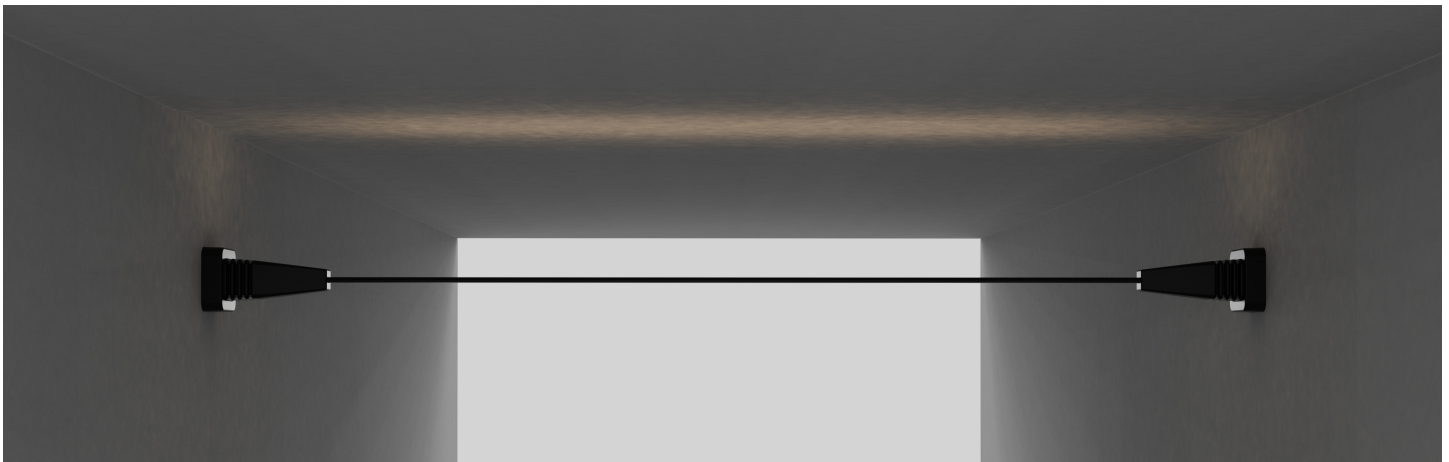
0-10V dimming on either MVOLT 120, 277 Dimmable down to 1% of initial lumens. FT-DR- ELG-100-48: 60W @ 120V or 85W. @ 277V.

EXAMPLE:				
SERIES	CCT	CRI	FINISH	OPTION
FT-P5-1	☐ 27K ☐ 30K ☐ 35K ☐ 40K ☐ 50K	☐ 90	☐ BK (Black) ☐ WH (White)	☐ 48V

ACCESSORY - TRACK



ACCESSORY - UPLIGHT



FT-P5-1-40K-90

TEST NO.: **EL0722257**

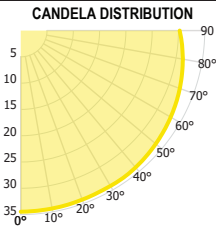
INPUT WATTS: **6.8**

LUMENS: **367**

EFFICACY: **54**

BEAM ANGLE: **NaN**

SPACING CRITERIA: **1.51**



CANDELA TABLE

	0°	90°
0°	34	34
10°	34	34
20°	34	34
30°	34	34
40°	34	34
50°	34	33
60°	33	33
70°	32	32
80°	31	32
90°	30	31

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	2952	2952
45.00°	4091	4060
55.00°	4964	4943
65.00°	6603	6607
75.00°	10511	10571
85.00°	30270	30614

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	3
10° - 20°	10
20° - 30°	16
30° - 40°	21
40° - 50°	26
50° - 60°	30
60° - 70°	33
70° - 80°	34
80° - 90°	34

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	13	4%
0° - 30°	29	8%
0° - 40°	50	14%
0° - 60°	107	29%
0° - 80°	173	47%
0° - 90°	207	57%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	1.0 fc	0.0 ft	0.0 ft
8.0 ft	0.5 fc	0.0 ft	0.0 ft
10.0 ft	0.3 fc	0.0 ft	0.0 ft
12.0 ft	0.2 fc	0.0 ft	0.0 ft
14.0 ft	0.2 fc	0.0 ft	0.0 ft
16.0 ft	0.1 fc	0.0 ft	0.0 ft
18.0 ft	0.1 fc	0.0 ft	0.0 ft
20.0 ft	0.1 fc	0.0 ft	0.0 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																		0%
	80%				70%				50%				30%				10%		
pc	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
pw	109	109	109	109	101	101	101	101	87	87	87	74	74	74	62	62	62	57	
0	109	109	109	109	101	101	101	101	87	87	87	74	74	74	62	62	62	57	
1	95	88	83	78	87	82	77	72	70	66	62	58	55	53	48	46	44	38	
2	85	75	67	60	78	69	62	56	59	53	48	49	44	41	40	36	33	29	
3	76	64	55	48	70	60	51	45	50	44	39	42	37	33	34	30	27	23	
4	69	56	47	40	63	52	44	37	44	37	32	36	31	27	30	25	22	18	
5	63	50	40	33	58	46	37	31	39	32	27	32	27	23	26	22	18	15	
6	58	44	35	28	53	41	33	26	35	28	23	29	23	19	24	19	16	13	
7	53	40	31	24	49	37	29	23	31	25	20	26	21	17	21	17	14	11	
8	49	36	27	21	45	33	25	20	28	22	17	24	19	15	19	15	12	10	
9	46	32	24	19	42	30	23	18	26	20	15	22	17	13	18	14	11	8	
10	43	30	22	17	39	28	20	16	24	18	14	20	15	12	17	13	10	8	