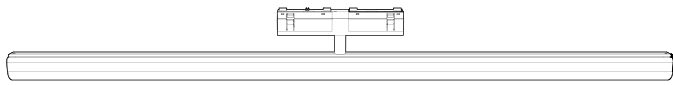
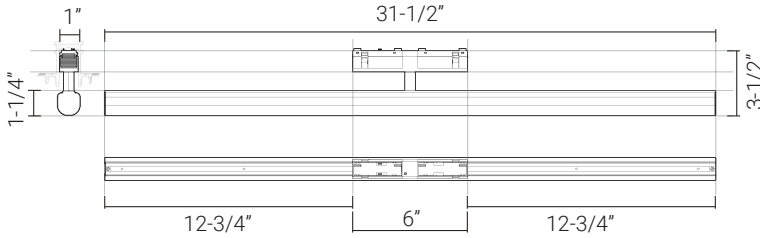
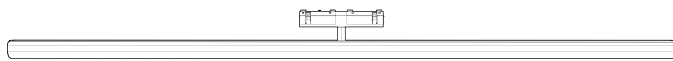
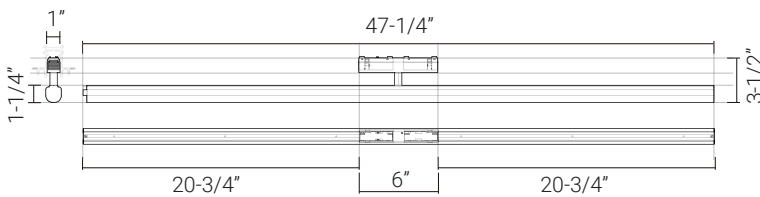


Rotate 355°

FG-L2S-32



FG-L2S-48



SERIES	DELIVERED LUMENS	WATTAGE
FG-L2S-32	1400	24W
FG-L2S-48	2000	32W

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

GROOVE 'LINEAR SURFACE LIGHT' SERIES

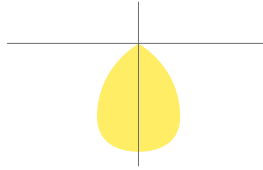
For a sleek and modern space, the 'L2S Linear Surface' luminaire is the ideal choice for dynamic design and general illumination.

Its 355° rotational capabilities allow the fixture to be fully rotated in any desired position on the track system. Multiple fixtures can be installed perpendicular or parallel on a track system and form creative designs on a ceiling or wall.

SERIES	Groove - 'Surface Light' series
SIZE	32", 48"
CCT	2700K, 3000K, 3500K, 4000K, 5000K
CRI	90+
COLOR QUALITY	2 Step MacAdam Ellipse
FINISH	● BK (Black)
DIMMING	On / Off, DIM10 - (0-10V Dimming), DALI.1 - DALI 2, BLE - Bluetooth
LIFETIME	L70 at 60,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



VWFL: VERY WIDE FLOOD
Candlepower Distribution Curve



Reference IES files for additional distribution curve information.

FEATURES OF GROOVE FAMILY

The Groove 48V DC track system is available with multiple sleek, slender, and compact track heads that can be seamlessly mounted onto the track by simply clicking the track head's connector into place, allowing you to interchange one Groove-compatible luminaire for another. The Groove's intuitive click-in track makes it easy to install and switch luminaires, so the system can be updated to match any design or application, current or future.

The Groove track system is available in Trimless Recessed, Recessed Flanged, Ceiling/ Surface, and Suspended options, and can be integrated in most ceiling and wall applications. Utilize suspended and surface mounting options for surface such as wood, drywall or T-Bar ceilings.

The Groove offers a variety of connector accessories that enable users to tailor their designs with custom rectangular, square, or many other linear patterns. The T, X, L Corners and power connectors create dynamic designs that transcend flat surfaces including wall to ceiling, wrap corners, and more.

Drivers can be stowed within the system, hidden from view, or placed in a remote location. The single driver can power runs up to 65' long and 480 Watts. Please refer to driver spec sheets for more detailed information. Our team at Elite Lighting can help you organize the placement of drivers and complete systems.

Fixtures can be installed individually or combined with other Groove track system luminaires to create the perfect design. Multiple linear fixtures can be mounted next to each other on one track for continuous rays of illumination.

Available track head options are in-line linear, adjustable linear, spot, pendant, cylinder, and suspended. Many track heads are crafted with black interiors and TIR optics, providing precise beam control and reducing glare. Most track heads that are available with optics are field-changeable, with various lumen and distribution options. Additionally, some track heads can be overlaid with a single optical accessory, like the Linear Diffuser, Frosted Diffuser, and Honeycomb accessories. Some track heads can be used with spot-light, flood-light, snoot, and wall-wash accessories. (Please refer to the spec sheet on each individual track head for more detailed information.)

Subsequently, the system can be used for accent, task, and general illumination, making it ideal 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 coolLED's Advanced Thermodynamic Design, which includes an extruded aluminum body, a hidden diecast heat sink, and a thermal management system.

LED MODULE PERFORMANCE

The Groove 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.

DRIVERS

The Groove 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 wattages range from 75W to 450W and can power up to 65 ft. of track. Groove drivers can be installed internally within the track or remotely mounted, and are available in 0-10V 1 % Dimming, Dali Dimming, or 120V On/ Off Non-Dimming Driver. Please see Groove track system spec sheets for a complete list of drivers and capabilities.

DIMMING INFORMATION

DIM10 - 0-10V dimming on either MVOLT 120, 277. Dimmable down to 1% of initial lumens, standard. Available in 75W, 100W, 150W., 240W.
DIMTR - Electronic low voltage dimming. Available in 120V.
DALI - DALI DT6 dimming down to 1% Available in 75W, 100W, 150W, 240W.

EldoLED PowerDrive dimming down to 0.1%. Please see the EldoLED website for wiring diagrams and a full list of compatible DMX and DALI control systems.

FINISH

Luminaires are available in a powder-coated black or white post-paint finish. They may also be issued in custom RAL colors upon request. Consult the factory to find out which custom colors can be accommodated.

WARRANTY

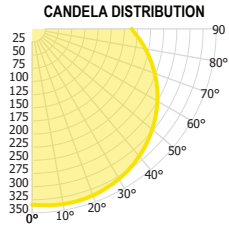
Five-year warranty for parts and components.

EXAMPLE:				
SERIES	CCT	CRI	FINISH	OPTION
FG-L2S-32 32"	<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"/> 48V <input type="checkbox"/> 48V-BLE (Bluetooth) *Power supply must be ordered seperately
FG-L2S-48 48"				

FG-L2S-32-40K-90

TEST NO.: **220062**

INPUT WATTS: **23.6** LUMENS: **1372** EFFICACY: **58** BEAM ANGLE: **NaN** SPACING CRITERIA: **1.47**



CANDELA TABLE	
	0° 90°
0°	335 335
10°	338 330
20°	337 312
30°	330 283
40°	316 245
50°	298 200
60°	275 149
70°	248 96
80°	218 43
90°	189 2

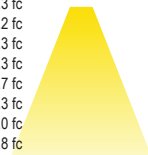
LUMINANCE (cd/sq.m)		
	0.00°	90.00°
0.00°	225053	225053
45.00°	292652	212553
55.00°	336269	205432
65.00°	416842	195177
75.00°	606153	178987
85.00°	1569325	146813

LUMENS PER ZONE	
ZONE	LUMENS
0° - 10°	32
10° - 20°	93
20° - 30°	146
30° - 40°	184
40° - 50°	206
50° - 60°	209
60° - 70°	196
70° - 80°	169
80° - 90°	137

ZONAL LUMEN SUMMARY		
ZONE	UMENS	% LUMINAIRE
0° - 20°	125	9%
0° - 30°	271	20%
0° - 40°	455	33%
0° - 60°	870	63%
0° - 80°	1235	90%
0° - 90°	1372	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	9.3 fc	0.0 ft	17.6 ft
8.0 ft	5.2 fc	0.0 ft	23.5 ft
10.0 ft	3.3 fc	0.0 ft	29.4 ft
12.0 ft	2.3 fc	0.0 ft	35.3 ft
14.0 ft	1.7 fc	0.0 ft	41.2 ft
16.0 ft	1.3 fc	0.0 ft	47.1 ft
18.0 ft	1.0 fc	0.0 ft	52.9 ft
20.0 ft	0.8 fc	0.0 ft	58.8 ft



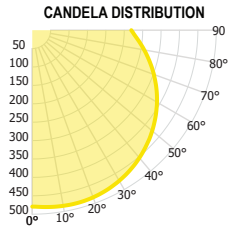
INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	20%																0%				
		80%				70%				50%				30%					10%			
pw		70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100	0%
1	104	98	92	86	101	95	90	85	91	86	82	87	83	80	83	80	77	75	75	75	75	0%
2	93	83	74	67	90	81	73	66	77	70	65	74	68	63	70	66	62	59	59	59	59	0%
3	84	72	62	54	81	70	61	54	67	59	52	64	57	51	61	55	51	48	48	48	48	0%
4	77	63	53	45	74	61	52	44	59	50	44	56	49	43	54	48	42	40	40	40	40	0%
5	70	56	45	38	68	54	45	38	52	44	37	50	43	37	48	41	36	34	34	34	34	0%
6	64	50	40	33	62	49	39	32	47	38	32	45	38	32	43	37	31	29	29	29	29	0%
7	60	45	35	29	58	44	35	28	42	34	28	41	33	28	39	33	28	25	25	25	25	0%
8	55	41	32	25	54	40	31	25	39	31	25	37	30	25	36	30	25	22	22	22	22	0%
9	52	37	29	23	50	37	28	22	36	28	22	34	27	22	33	27	22	20	20	20	20	0%
10	48	34	26	20	47	34	26	20	33	25	20	32	25	20	31	25	20	18	18	18	18	0%

FG-L2S-48-40K-90

TEST NO.: **220062**

INPUT WATTS: **31.1** LUMENS: **1984** EFFICACY: **62** BEAM ANGLE: **NaN** SPACING CRITERIA: **1.47**



CANDELA TABLE	
	0° 90°
0°	479 479
10°	485 473
20°	483 448
30°	473 408
40°	453 354
50°	426 289
60°	391 215
70°	352 137
80°	309 61
90°	269 4

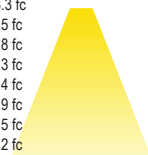
LUMINANCE (cd/sq.m)		
	0.00°	90.00°
0.00°	322520	322520
45.00°	418542	306780
55.00°	479807	296648
65.00°	592184	281105
75.00°	858648	254990
85.00°	2219177	216051

LUMENS PER ZONE	
ZONE	LUMENS
0° - 10°	46
10° - 20°	133
20° - 30°	209
30° - 40°	266
40° - 50°	297
50° - 60°	303
60° - 70°	284
70° - 80°	246
80° - 90°	200

ZONAL LUMEN SUMMARY		
ZONE	UMENS	% LUMINAIRE
0° - 20°	179	9%
0° - 30°	389	20%
0° - 40°	654	33%
0° - 60°	1255	63%
0° - 80°	1784	90%
0° - 90°	1984	100%

CONE OF LIGHT

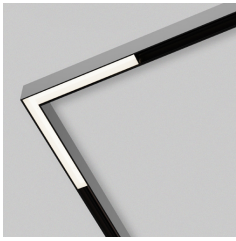
MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	13.3 fc	0.0 ft	17.5 ft
8.0 ft	7.5 fc	0.0 ft	23.3 ft
10.0 ft	4.8 fc	0.0 ft	29.1 ft
12.0 ft	3.3 fc	0.0 ft	35.0 ft
14.0 ft	2.4 fc	0.0 ft	40.8 ft
16.0 ft	1.9 fc	0.0 ft	46.6 ft
18.0 ft	1.5 fc	0.0 ft	52.4 ft
20.0 ft	1.2 fc	0.0 ft	58.3 ft



INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	20%																0%				
		80%				70%				50%				30%					10%			
pw		70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100	0%
1	104	98	92	86	101	95	90	85	91	86	82	87	83	79	83	80	77	75	75	75	75	0%
2	93	83	74	67	90	81	73	66	77	70	64	74	68	63	70	66	61	59	59	59	59	0%
3	84	71	62	54	81	70	61	54	67	59	52	64	57	51	61	55	50	48	48	48	48	0%
4	76	63	52	45	74	61	52	44	58	50	44	56	49	43	54	47	42	40	40	40	40	0%
5	70	55	45	38	68	54	45	37	52	43	37	50	42	37	48	41	36	34	34	34	34	0%
6	64	50	40	32	62	49	39	32	47	38	32	45	37	32	43	37	31	29	29	29	29	0%
7	60	45	35	28	58	44	35	28	42	34	28	41	33	28	39	33	28	25	25	25	25	0%
8	55	41	31	25	54	40	31	25	39	31	25	37	30	25	36	29	24	22	22	22	22	0%
9	52	37	28	22	50	37	28	22	36	28	22	34	27	22	33	27	22	20	20	20	20	0%
10	48	34	26	20	47	34	26	20	33	25	20	32	25	20	31	24	20	18	18	18	18	0%

GROOVE TRACK LUMINAIRE OPTIONS:



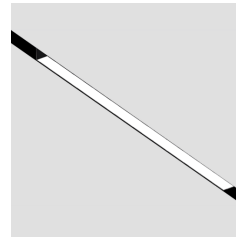
FG-L1R-C90
Seamless Linear Diffused



FG-L1R-CI
Seamless Linear Diffused



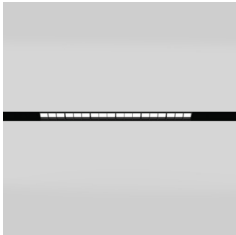
FG-L1R-CO
Seamless Linear Diffused



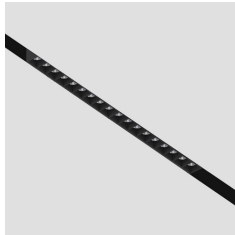
FG-L1R-8 | 16 | 32 | 48 | 64
Seamless Linear Diffused



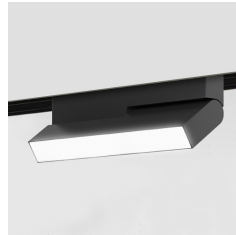
FG-L1-WW-3 | 8
Wall Wash



FG-L3R-16 | 32
Linear Louvered



FG-L4R-3 | 5 | 8 | 16 | 32
Linear Recessed Downlight & Task



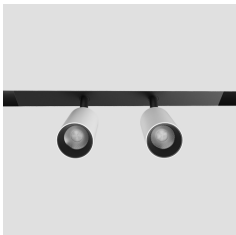
FG-L2A-3 | 5 | 8
Linear Diffused & Adjustable Light



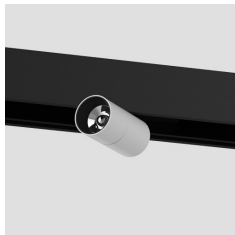
FG-L4A-3 | 5 | 8
Linear Adjustable Downlight, Task & Wall Grazer



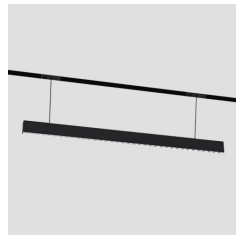
FG-T2-1 | 2 | 3 | FG-T3-1 | 2 | 3
Cylinder



FG-T2-4
Cylinder



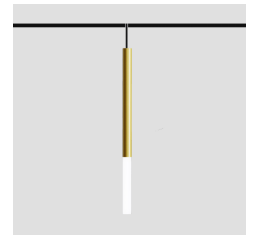
FG-T4-1 | 2 | 3
Beam Adjustable Cylinder



FG-L1P-32
Pendant Louvered



FG-P1-1 | 2
Pendant



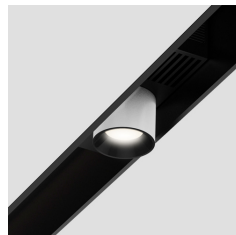
FG-P3-1 | 2
Pendant



FG-P4-1 | 2 | 3
Pendant Globe



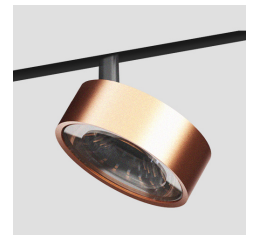
FG-P5-1
Globe



FG-T1-1
Recessed Track Light



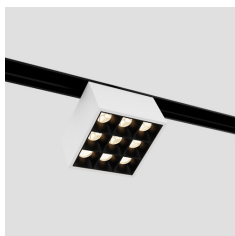
FG-T1-2
Recessed Track Light



FG-T5-1 | 2
Flat Round



FG-T6-1 | 2
Flat Square



FG-T7-1 | 3
Square Track Light



FG-T7-2
Rectangle Track Light

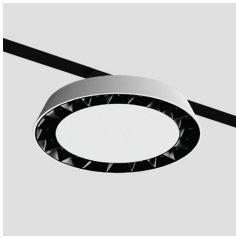


FG-T8-1
Track Globe

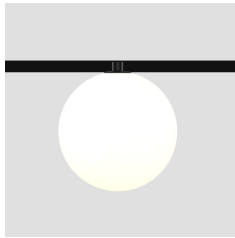


FG-T9-1
Track Globe

GROOVE TRACK LUMINAIRE OPTIONS:



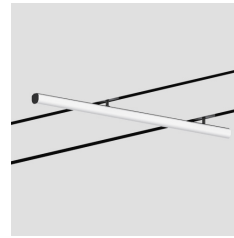
FG-T10-1
Track Downlight



FG-T11-1
Globe



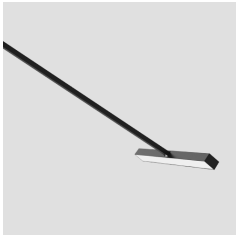
FG-L2S-32 | 48
Surface Light



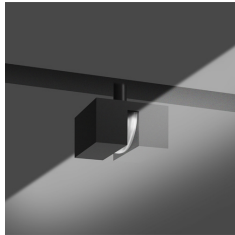
FG-L5S-32 | 48
Surface Light



FG-WL-1
Wall Light



FG-WL-2
Wall Light



FG-LL-1
Line Light



FG-TRJ-1
Projector



FG-TRJ-2
Gobo Projector

GROOVE TRACK MOUNTING OPTIONS:



Trimless Recessed Mount



Surface, Ceiling Mount



Suspended Mount with Uplight



Suspended Mount