



| Design space with Light

Light is our best tool to design space.

Seek the real essence of light is our job, revolutionize lighting is our goal.

- Produce high quality lighting and sophisticated products.
- Simple design, original color and light
- Tailored or standard, we have the solution
- Flexible and fast for all projects
- Strive to make greener products



Credits photo: Sandro Katalina / CC

| Index

Index	3	Line Module	50
FKK Technology	4	Line Module products overview	52
Realization	6	Module lighting installation option	54
<hr/>		Module lighting specification overview	55
Linear Module products overview	16	FGS Series LED Line Module	56
<hr/>		FGD Series LED Line Module	58
Flexible Module	18	FGC Series LED Line Module	60
FMT Series Flare Line Mini Top	20	FGB Series LED Line Module	62
FMS Series Flare Line Mini Side	24	FGG Series LED Line Module	64
FLT-2 Series Flare Line Clear	28	FGO Series LED Line Module	66
FLT-3 Series Flare Line Clear	30	FB Series LED Line Module	68
<hr/>		LXSS Series LED Module	70
Flexible Module for outdoor lighting (IP65)	34	LXSW Series LED Module	71
FMT-A Series Flare Line Mini Top Outdoor (IP65)	36	<hr/>	
FMS-A Series Flare Line Mini Side Outdoor (IP65)	40	Light sheet	72
FLT-2A Series Flare Line Clear Outdoor (IP65)	44	LDUS Series Light Sheet	73
FLT-3A Series Flare Line Clear Outdoor (IP65)	46	<hr/>	
		Accessory	74
		Power supply	76
		Dimmer	78
		Corporate Profile	80

FKK LED



Quality & Technology



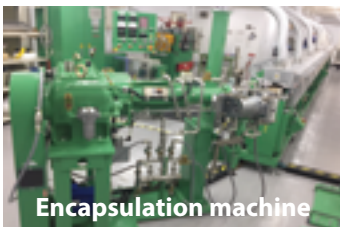
AI QA inspection machine



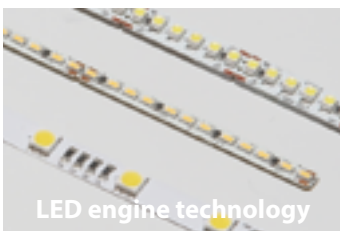
Surface mounting machine



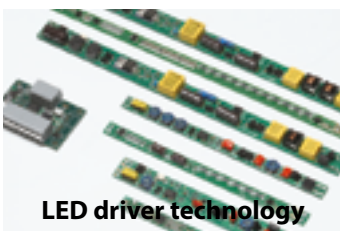
Large laser cutting machine



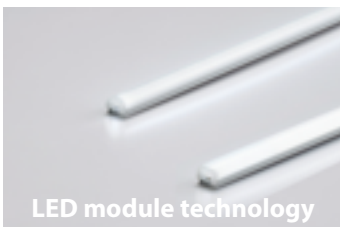
Encapsulation machine



LED engine technology



LED driver technology



LED module technology



LED dimming technology



LED luminaire technology



LED signage technology

From the development and production of LED components, modules, drivers, smart luminaires or signage, FKK corporation is committed to only provide the **best quality of lighting** for all needs.

Since 2008, to support our customers and provide a global and flexible solution, we trace **our own way** by developing **our technology**.

Our strategy enables us to offer a wide range of LED components and luminaires **tailored to specific needs** (CCT, Ra, lm, design) of each customer, while ensuring the best quality and very responsive solutions.

Color temperature:

We offer the widest range of color temperature with up to **10 different colors** from **2200 K to 6500 K**. Custom colors are also possible.

Color rendering:

We offer two grade of LED 80 Ra and **95 Ra** all in Mac Adam 3 step. Our high color rendering LED 95 Ra achieve **up to 98 Ra** in red color (R9).

High efficiency:

All our module are design to offer the best class of efficiency up to **111 Lm/W** and up to **94 Lm/W** for dotless luminaire.

Best form factor:

We offer the most compact **dotless** LED module (**width 8 mm**) with shape and lens are optimized for every use.

Strong electronic:

All our products are PWM, Dali, 0-10% **dimmable** and integrate constant current technology without flickering and **best reliability**.

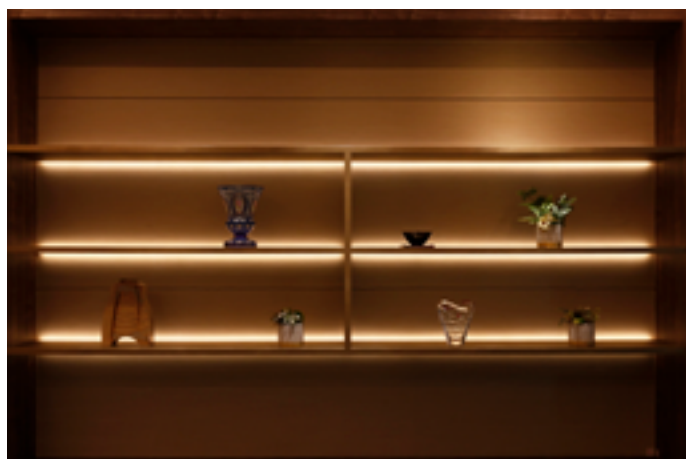
Unique technology:

We are proudly own some **unique technology** to produce our lighting. The biggest laser cutting machine for lumisheet production or unique silicon encapsulation production technic for flexible LED modules.

OEM luminaire production:

Order made production is possible upon request. We offer **Japanese quality** and design certified by TUV® strictest standard.

Realizations



Midosuji Mitsui Bldg 9F

Customer: Mitsui Fudosan Corporation

Design: Mitsui Design Tech Corporation

Installation: Mitsui Fudosan Facilities West Corporation



Ocha no Tokkoen main shop

Customer: Tokkoen Corporation



Realizations



SUS Galery, Tokyo, COREDO Muromachi

Customer: Seven Seven Corporation
Design: Tatsuo Yamamoto Design inc.
Lighting design: ZOOM

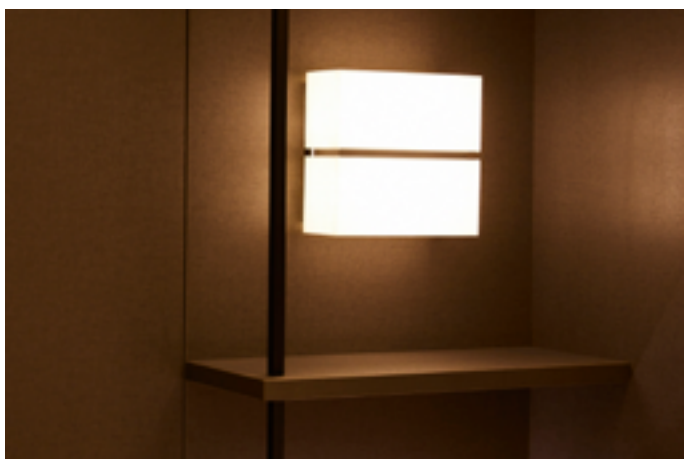
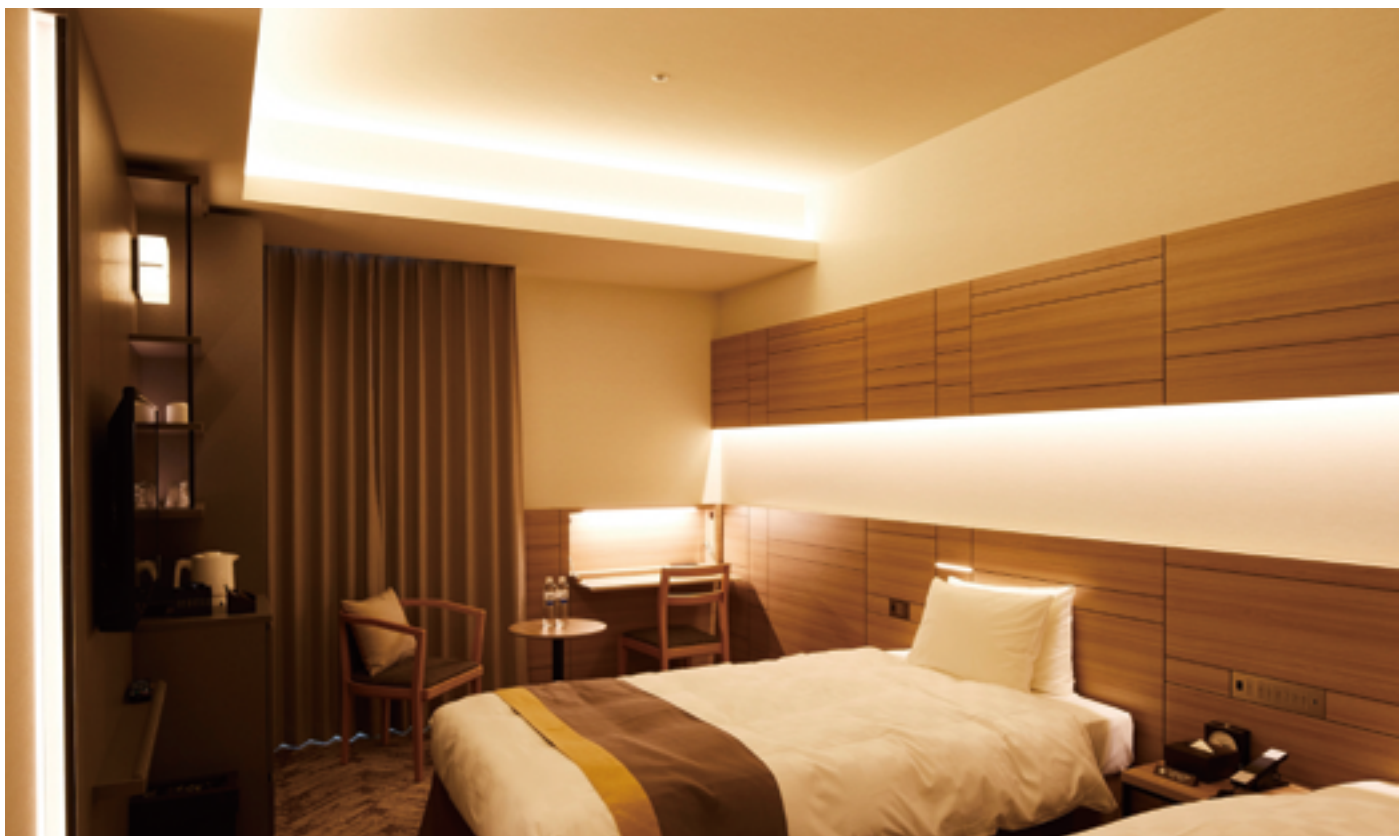


Realizations



Hokusai Exhibition, Paris Grand Palais

Customer: La Réunion des Musées Nationaux (RMN)
Lighting design: Philippe Collet

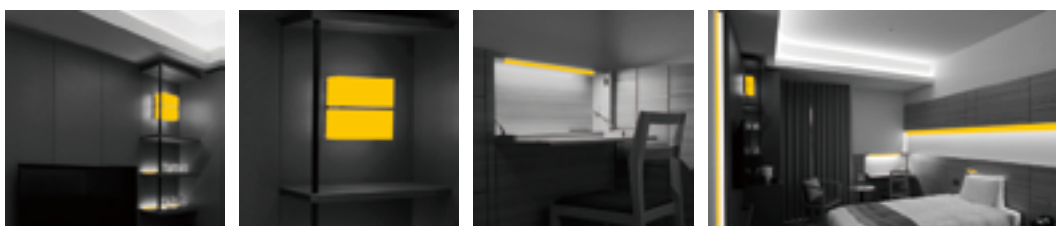


Nippon Seinenkan Hotel

Customer: Nippon Seinenkan

Design: Kume Sekkei Corporation

Installation: Takashimaya Space Create Corporation



Realizations



Gifu Shinkin Bank Sagiyama office

Customer: Gifu Shinkin Bank
Design: Nikken Sekkei Corporation
Lighting design: Yamagiwa Corporation





Kashiwagi Medical building

Customer: Office Sunny

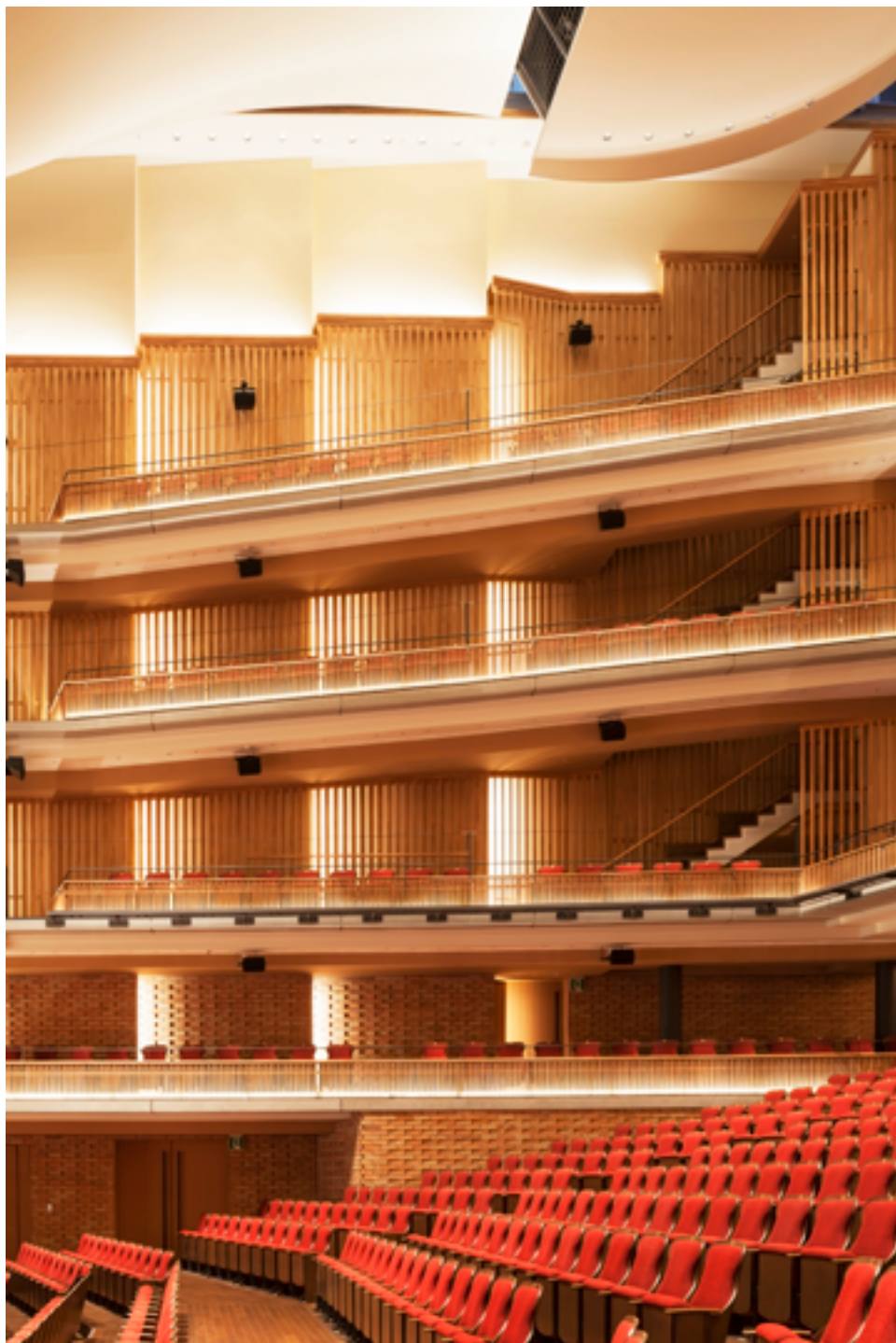
Realizations













Higashi Hiroshima Art & Cultural hall

Customer: Higashi Hiroshima city
Design: Kankyo Engineering Corporation
Construction : Asami Denki / Kokudo Giken JV Corporation



Linear Module Products Overview

LED Flexible Module

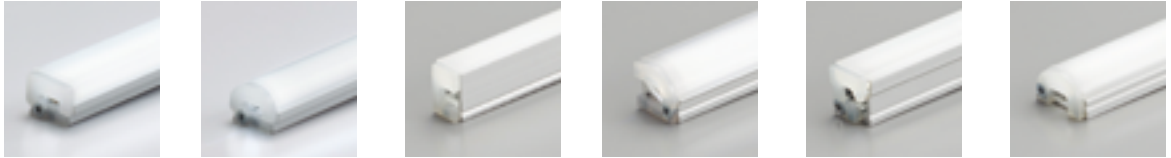
Product name	FMT	FMS	FLT-2	FLT-3	FMT-A	FMS-A	FLT-2A	FLT-3A
	P20	P24	P28	P30	P36	P40	P44	P46
								

Reference	FMT-1004	FMS-1004	FLT-2-998	FLT-3-1004	FMT-A-1026	FMS-A-1026	FLT-2A-1018	FLT-3A-1016
Dimension (mm)	1004	1004	998	1004	1026	1026	1018	1016
Min/Max. length (mm)	9.6	9.6	8.9	9.6	9.6	9.6	8.9	9.6
Luminous flux (lm)	780	460	980	900	780	460	980	900
Power (W)	6.5	6.5	8	6.5	6.5	6.5	8	6.5
Current (A)	0.40	0.40	0.37	0.40	0.40	0.40	0.37	0.40
Voltage (V)	DC 24V External power supply							
Use	Indoor only IP54				Outdoor use IP65			
Standards	CE							
Dimming	OK, 0~100%, PWM, DALI							
Beam	Dotless 	Dotless 	Visible dot 	Visible dot 	Dotless 	Dotless 	Visible dot 	Visible dot 
Image	FMS  Lateral bending		FMT  Horizontal bending		FLT-2  Horizontal bending		FLT-3  Horizontal bending	
Color temperature	7 colors: L25 (2500K), L27 (2700K), L30 (3000K), WW (3500K), W (4000K), N (5000K), D (6500K)		8 colors: L22 (2200K), L25 (2500K), L27 (2700K), L30 (3000K), WW (3500K), W (4000K), N (5000K), D (6500K)		7 colors: L25 (2500K), L27 (2700K), L30 (3000K), WW (3500K), W (4000K), N (5000K), D (6500K)		8 colors: L22 (2200K), L25 (2500K), L27 (2700K), L30 (3000K), WW (3500K), W (4000K), N (5000K), D (6500K)	
Color rendering (CRI)	80 Ra							

LED Line Module

Product name **FGS** **FGD** **FGC** **FGB** **FGG** **FGO**

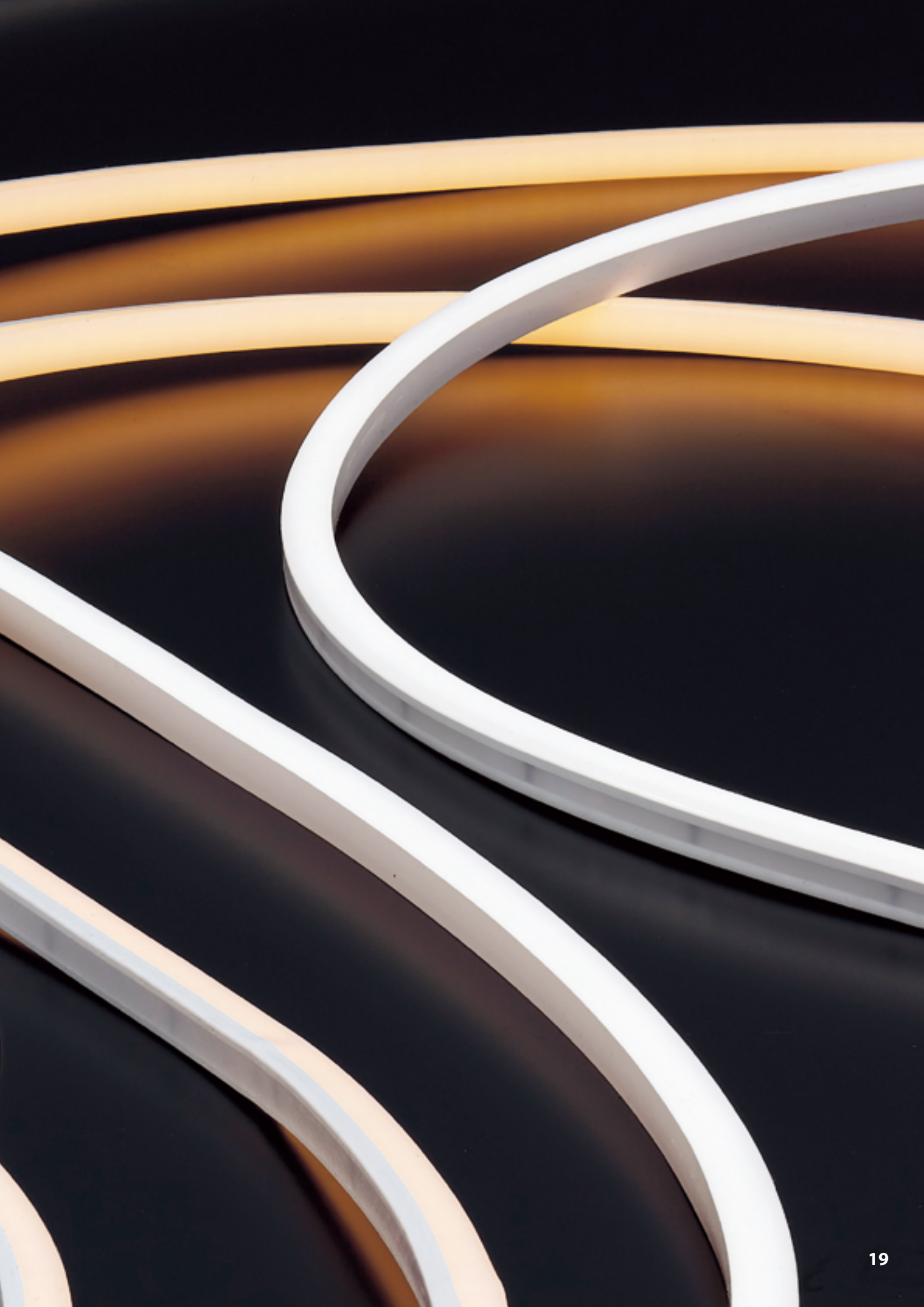
P56 **P58** **P60** **P62** **P64** **P66**



Reference	FGS-1000	FGD-1000	FGC-1000	FGB-1000	FGG-1000	FGO-1000
Dimension (mm)	1000					
Min/Max. length (mm)	Min: 38.5 mm Max: 2486 mm (can be cut every 38.5 mm)			Min: 37.5 mm Max: 2485 mm (can be cut every 37.5 mm)		
Luminous flux (lm)	1357	1415	911	1339	1271	1465
Power (W)	15.5					
Current (A)	0.65					
Voltage (V)	DC 24V External power supply					
Use	Indoor only					
Standards	CE					
Dimming	OK, 0~100%, PWM, DALI					
Beam	Dotless	Dotless	Dotless	Dotless	Dotless	Dotless
Image						
Color temperature	10 colors: L22 (2200K)*(Ra 95 only), L25 (2500K), L27 (2700K), L30 (3000K), WW (3500K), W (4000K), WN (4500K), N (5000K), DN (5700K), D (6500K)					
Color rendering (CRI)	80 Ra or 95 Ra					

Flexible Module





FMT

LED Flexible Module

- Dotless top view LED strip light
- Up to 6.5 m maximum length
- Can be cut every 50 mm
- Compact design 12 x 11 mm
- 7 colors available

FMT - 1004 - N - K

1 Fixture name : FMT= LED Flexible Module Flare Line Mini Top

2 Length : 506, 1004, 1502, 2000, 2498, 2996, 3494, 3992, 4490, 4988, 5486, 5984, 6482 (other size possible)

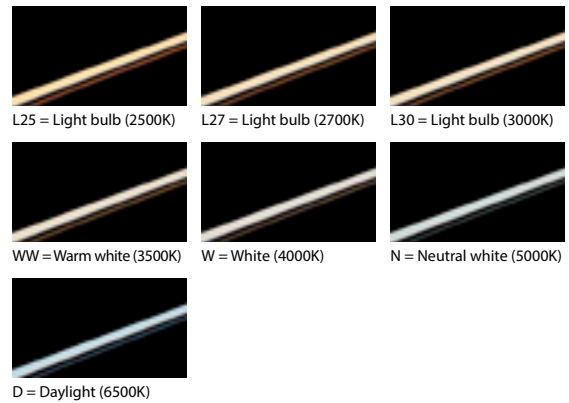
3 LED color : L25 = Light bulb (2500K)
L27 = Light bulb (2700K)
L30 = Light bulb (3000K)
WW = Warm white (3500K)
W = White (4000K)
N = Neutral white (5000K)
D = Daylight (6500K)

4 Connector : R = both sides connector
K = one side connector

Environment of use : indoor cove / display lighting / accent lighting
Also available in IP65 (see FMT-A)

Maximum length in series : 6500mm
Driver : DC 24V

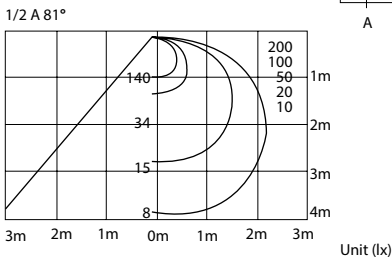
Color temperature CCT



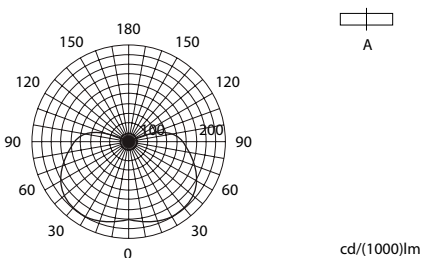
Photometric data

Measured fixture: FMT-1004-N

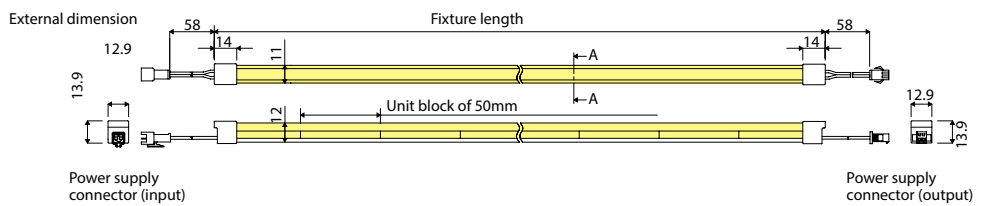
Light Intensity distribution



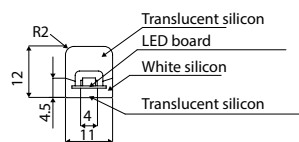
Candlepower Distribution



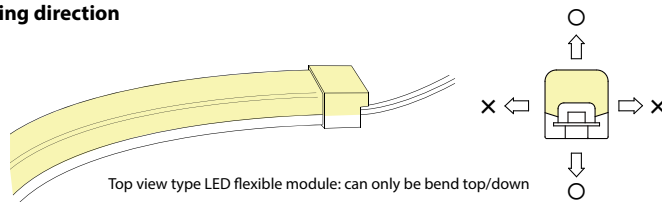
Dimensions



Cross sectional view A-A



Bending direction



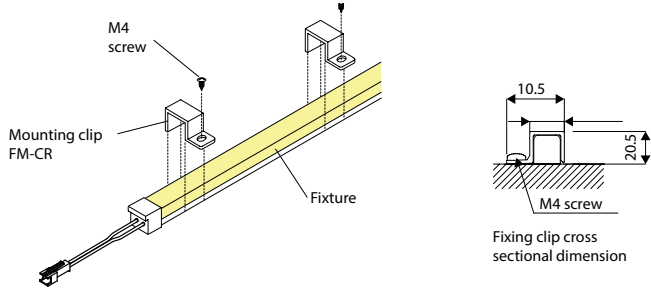
DC 24V standard specifications

Reference	Length (mm)	Weight (kg)	Number of LED	CRI (Ra)	Watts (W)	Amps (A)	Maximum length (m)	Luminous flux (lm)
FMT-506	506	0.07	70	> 80 Ra	4.8	0.2	6.5	390
FMT-1004	1004	0.15	140		9.6	0.4		780
FMT-1502	1502	0.22	210		14.4	0.6		1170
FMT-2000	2000	0.29	280		19.2	0.8		1560

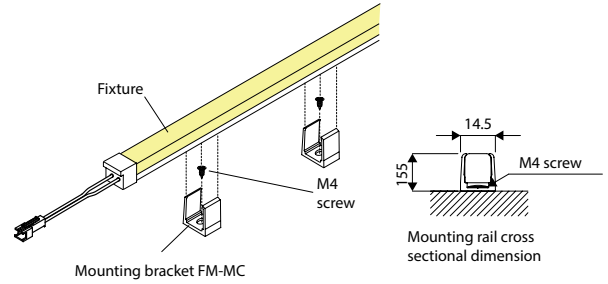
Other size possible upon request. Please check order made size table on following page.

Installation

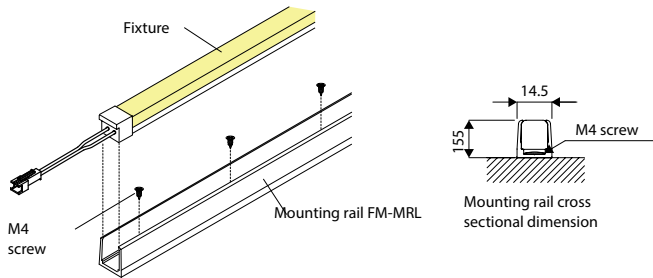
Mounting clip installation



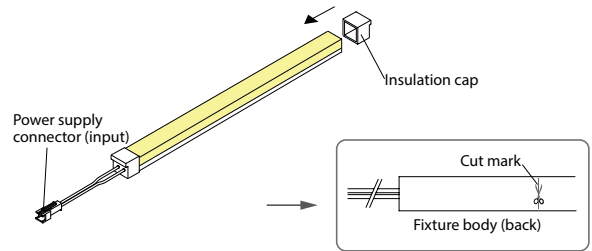
Mounting bracket installation



Mounting rail installation

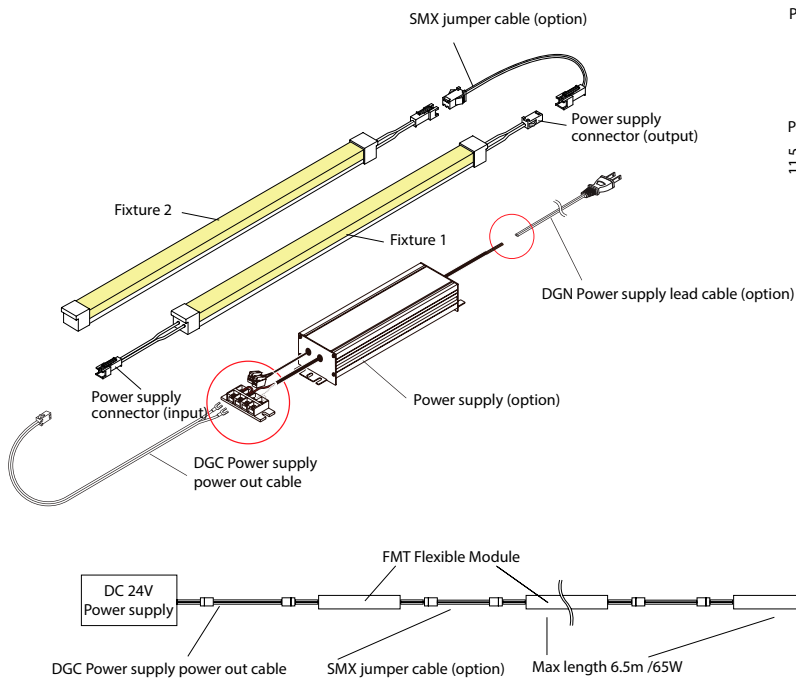


Cutting the fixture



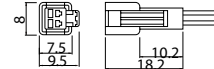
The FMT flexible module can be cut at every section of 50 mm. Just use a cisor or a cutter to cut on indicated mark on the fixture.

Power supply connection

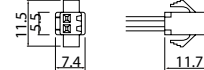


Connector dimension

Power supply in:



Power supply out:



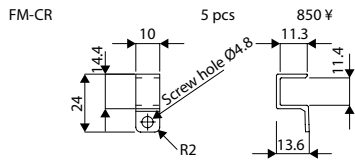
Order made sizes

Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FMT-58	58	0.01	7	0.48	0.02	39
FMT-108	108	0.01	14	0.96	0.04	78
FMT-158	158	0.02	21	1.44	0.06	117
FMT-207	207	0.03	28	1.92	0.08	156
FMT-257	257	0.04	35	2.4	0.10	195
FMT-307	307	0.04	42	2.88	0.12	234
FMT-357	357	0.05	49	3.36	0.14	273
FMT-407	407	0.06	56	3.84	0.16	312
FMT-456	456	0.07	63	4.32	0.18	351
FMT-506	506	0.07	70	4.8	0.20	390
FMT-556	556	0.08	77	5.28	0.22	429
FMT-606	606	0.09	84	5.76	0.24	468
FMT-656	656	0.10	91	6.24	0.26	507
FMT-705	705	0.10	98	6.72	0.28	546
FMT-755	755	0.11	105	7.2	0.30	585
FMT-805	805	0.12	112	7.68	0.32	624
FMT-855	855	0.13	119	8.16	0.34	663
FMT-905	905	0.13	126	8.64	0.36	702
FMT-954	954	0.14	133	9.12	0.38	741
FMT-1004	1004	0.15	140	9.6	0.40	780
FMT-1054	1054	0.16	147	10.08	0.42	819
FMT-1104	1104	0.16	154	10.56	0.44	858
FMT-1154	1154	0.17	161	11.04	0.46	897
FMT-1203	1203	0.18	168	11.52	0.48	936
FMT-1253	1253	0.19	175	12	0.50	975
FMT-1303	1303	0.19	182	12.48	0.52	1014
FMT-1353	1353	0.20	189	12.96	0.54	1053
FMT-1403	1403	0.21	196	13.44	0.56	1092
FMT-1452	1452	0.22	203	13.92	0.58	1131
FMT-1502	1502	0.22	210	14.4	0.60	1170
FMT-1552	1552	0.23	217	14.88	0.62	1209
FMT-1602	1602	0.24	224	15.36	0.64	1248
FMT-1652	1652	0.25	231	15.84	0.66	1287
FMT-1701	1701	0.25	238	16.32	0.68	1326
FMT-1751	1751	0.26	245	16.8	0.70	1365
FMT-1801	1801	0.27	252	17.28	0.72	1404
FMT-1851	1851	0.27	259	17.76	0.74	1443
FMT-1901	1901	0.28	266	18.24	0.76	1482
FMT-1950	1950	0.29	273	18.72	0.78	1521
FMS-2000	2000	0.29	280	19.2	0.80	1560
FMT-2050	2050	0.30	287	19.68	0.82	1599
FMT-2100	2100	0.31	294	20.16	0.84	1638
FMT-2150	2150	0.32	301	20.64	0.86	1677
FMT-2199	2199	0.33	308	21.12	0.88	1716
FMT-2249	2249	0.33	315	21.6	0.90	1755
FMT-2299	2299	0.34	322	22.08	0.92	1794
FMT-2349	2349	0.35	329	22.56	0.94	1833
FMT-2399	2399	0.36	336	23.04	0.96	1872
FMT-2448	2448	0.36	343	23.52	0.98	1911
FMT-2498	2498	0.37	350	24	1.00	1950
FMT-2548	2548	0.38	357	24.48	1.02	1989
FMT-2598	2598	0.39	364	24.96	1.04	2028
FMT-2648	2648	0.39	371	25.44	1.06	2067
FMT-2697	2697	0.40	378	25.92	1.08	2106
FMT-2747	2747	0.41	385	26.4	1.10	2145
FMT-2797	2797	0.42	392	26.88	1.12	2184
FMT-2847	2847	0.42	399	27.36	1.14	2223
FMT-2897	2897	0.43	406	27.84	1.16	2262
FMT-2946	2946	0.44	413	28.32	1.18	2301
FMT-2996	2996	0.45	420	28.8	1.20	2340
FMT-3046	3046	0.45	427	29.28	1.22	2379
FMT-3096	3096	0.46	434	29.76	1.24	2418
FMT-3146	3146	0.47	441	30.24	1.26	2457
FMT-3195	3195	0.48	448	30.72	1.28	2496
FMT-3245	3245	0.48	455	31.2	1.30	2535

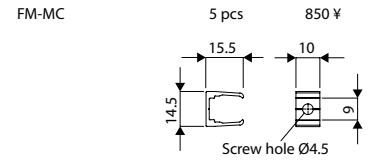
Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FMT-3295	3295	0.49	462	31.68	1.32	2574
FMT-3345	3345	0.50	469	32.16	1.34	2613
FMT-3395	3395	0.50	476	32.64	1.36	2652
FMT-3444	3444	0.51	483	33.12	1.38	2691
FMT-3494	3494	0.52	490	33.6	1.40	2730
FMT-3544	3544	0.53	497	34.08	1.42	2769
FMT-3594	3594	0.53	504	34.56	1.44	2808
FMT-3644	3644	0.54	511	35.04	1.46	2847
FMT-3693	3693	0.55	518	35.52	1.48	2886
FMT-3743	3743	0.56	525	36	1.50	2925
FMT-3793	3793	0.56	532	36.48	1.52	2964
FMT-3843	3843	0.57	539	36.96	1.54	3003
FMT-3893	3893	0.58	546	37.44	1.56	3042
FMT-3942	3942	0.59	553	37.92	1.58	3081
FMT-3992	3992	0.59	560	38.4	1.60	3120
FMT-4042	4042	0.60	567	38.88	1.62	3159
FMT-4092	4092	0.61	574	39.36	1.64	3198
FMT-4142	4142	0.62	581	39.84	1.66	3237
FMT-4191	4191	0.62	588	40.32	1.68	3276
FMT-4241	4241	0.63	595	40.8	1.70	3315
FMT-4291	4291	0.64	602	41.28	1.72	3354
FMT-4341	4341	0.65	609	41.76	1.74	3393
FMT-4391	4391	0.65	616	42.24	1.76	3432
FMT-4440	4440	0.66	623	42.72	1.78	3471
FMT-4490	4490	0.67	630	43.2	1.80	3510
FMT-4540	4540	0.68	637	43.68	1.82	3549
FMT-4590	4590	0.68	644	44.16	1.84	3588
FMT-4640	4640	0.69	651	44.64	1.86	3627
FMT-4689	4689	0.70	658	45.12	1.88	3666
FMT-4739	4739	0.71	665	45.6	1.90	3705
FMT-4789	4789	0.71	672	46.08	1.92	3744
FMT-4839	4839	0.72	679	46.56	1.94	3783
FMT-4889	4889	0.73	686	47.04	1.96	3822
FMT-4938	4938	0.74	693	47.52	1.98	3861
FMT-4988	4988	0.74	700	48	2.00	3900
FMT-5038	5038	0.75	707	48.48	2.02	3939
FMT-5088	5088	0.76	714	48.96	2.04	3978
FMT-5138	5138	0.76	721	49.44	2.06	4017
FMT-5187	5187	0.77	728	49.92	2.08	4056
FMT-5237	5237	0.78	735	50.4	2.10	4095
FMT-5287	5287	0.79	742	50.88	2.12	4134
FMT-5337	5337	0.79	749	51.36	2.14	4173
FMT-5387	5387	0.80	756	51.84	2.16	4212
FMT-5436	5436	0.81	763	52.32	2.18	4251
FMT-5486	5486	0.82	770	52.8	2.20	4290
FMT-5536	5536	0.82	777	53.28	2.22	4329
FMT-5586	5586	0.83	784	53.76	2.24	4368
FMT-5636	5636	0.84	791	54.24	2.26	4407
FMT-5685	5685	0.85	798	54.72	2.28	4446
FMT-5735	5735	0.85	805	55.2	2.30	4485
FMT-5785	5785	0.86	812	55.68	2.32	4524
FMT-5835	5835	0.87	819	56.16	2.34	4563
FMT-5885	5885	0.88	826	56.64	2.36	4602
FMT-5934	5934	0.88	833	57.12	2.38	4641
FMT-5984	5984	0.89	840	57.6	2.40	4680
FMT-6034	6034	0.90	847	58.08	2.42	4719
FMT-6084	6084	0.91	854	58.56	2.44	4758
FMT-6134	6134	0.91	861	59.04	2.46	4797
FMT-6183	6183	0.92	868	59.52	2.48	4836
FMT-6233	6233	0.93	875	60	2.50	4875
FMT-6283	6283	0.94	882	60.48	2.52	4914
FMT-6333	6333	0.94	889	60.96	2.54	4953
FMT-6383	6383	0.95	896	61.44	2.56	4992
FMT-6432	6432	0.96	903	61.92	2.58	5031
FMT-6482	6482	0.97	910	62.4	2.60	5070

Option parts

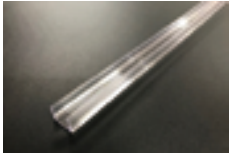
Mounting bracket FM-CR



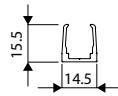
Mounting clip FM-MC



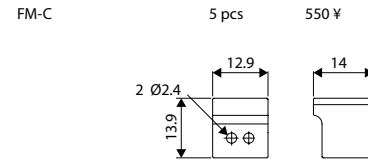
Mounting rail FM-MRL



FM-MRL-450	450mm	1 pcs	1500 ¥
FM-MRL-950	950mm	1 pcs	2000 ¥
FM-MRL-1450	1450mm	1 pcs	2500 ¥
FM-MRL-1950	1950mm	1 pcs	3000 ¥



Cap FM-C



Jumper cable SMX



SMX-80	80 mm	1 pcs	500 ¥
SMX-200	200 mm	1 pcs	500 ¥
SMX-300	300 mm	1 pcs	500 ¥
SMX-400	400 mm	1 pcs	600 ¥

SMX-500	500 mm	1 pcs	600 ¥
SMX-1000	1000 mm	1 pcs	600 ¥
SMX-2000	2000 mm	1 pcs	1200 ¥
SMX-3000	3000 mm	1 pcs	1800 ¥
SMX-4000	4000 mm	1 pcs	2400 ¥

Power supply out cable DGC



DGC-1	500mm	1 connector	700 ¥
DGC-2	500mm	2 connectors	900 ¥
DGC-3	500mm	3 connectors	1100 ¥
DGC-4	500mm	4 connectors	1300 ¥

Power supply in lead cable DGN



DGN-2500	2500mm	1 pcs	1350 ¥
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Power supply unit (OSRAM OT)



OT30/100-200-24-T	30W	1 pcs	Open price
OT60/100-200-24-T	60W	1 pcs	Open price
OT90/100-200-24-T	90W	1 pcs	Open price
OT150/100-200-24-T	150W	1 pcs	Open price

Input AC90~240V, output DC24V.
Comply with CE, UL, PSE standards. IP 66 water proof rating.

DC 24V dimmer FMC-24S/R

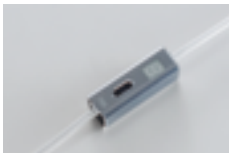


FMC-24S/R	1 pcs	34500 ¥
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Available in 3 colors:



DC 24V simple dimmer FSD-24



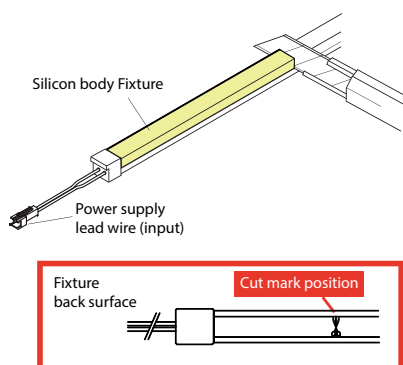
FSD-24	1 pcs	9900 ¥
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Cutting of the FMT Flexible LED Module

- The FMT flexible LED Module can be cut every 49.8mm position.
- During the process, you absolutely must power OFF the fixture.
- The fixture must cut from the fixture with input power supply connector.

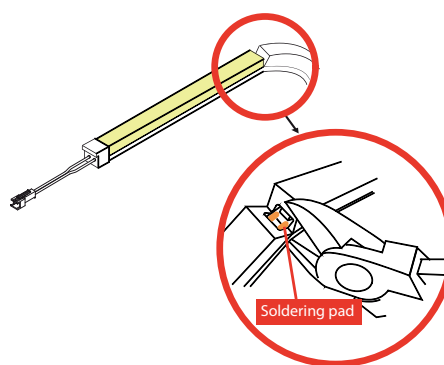
Step 1: Silicon body cut (half cut)

On the back side surface of the fixture, identify the cut mark (cisor mark) position. Use a cutter to cut carefully cut the silicon body on the cut mark. Cut in straight line the silicon body to the top of LED board without applying strength.



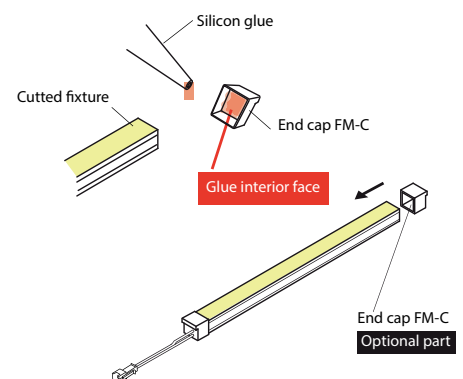
Step 2: internal LED strip cut

From the half cutted silicon body identify the soldering pad junction of the LED strip. Cut the central part of the soldering pad junction with nipper and cut it completely. Take care to not damage any LED package or resistance package on the strip.



Step 3: insulation / end cap installation

For insulation and safety purpose you must glue some cap to the cutted side of cutted fixture. Apply silicon glue on the interior of end cap (FM-C optional cap) and apply it to the cutted part.



FMS

LED Flexible Module

- Dotless side view LED strip light
- Up to 6.5 m maximum length
- Can be cut every 50 mm
- Compact design 12 x 11 mm
- 7 colors available

FMS- 1004 - N - K

1 Fixture name : 2 Length : 3 LED color : 4 Connector :

1 Fixture name :

2 Length :

3 LED color :

4 Connector :

Environment of use :

Maximum length in series :

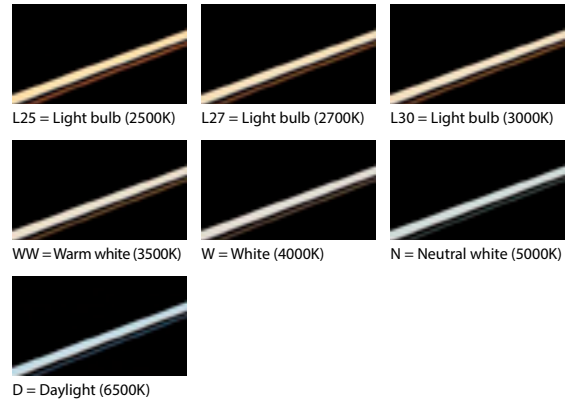
Driver :

FMS= LED Flexible Module Flare Line Mini Side
506, 1004, 1502, 2000, 2498, 2996, 3494, 3992,
4490, 4988, 5486, 5984, 6482
(other size possible)

L25 = Light bulb (2500K)
L27 = Light bulb (2700K)
L30 = Light bulb (3000K)
WW = Warm white (3500K)
W = White (4000K)
N = Neutral white (5000K)
D = Daylight (6500K)
R = both sides connector
K = one side connector

indoor cove / display lighting / accent lighting
Also available in IP65 upon request (see FMS-A)
6500mm
DC 24V

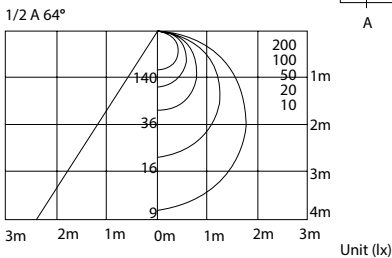
Color temperature CCT



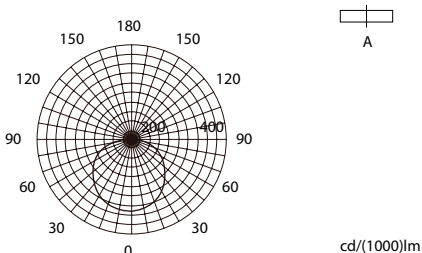
Photometric data

Measured fixture: FMS-1004-N

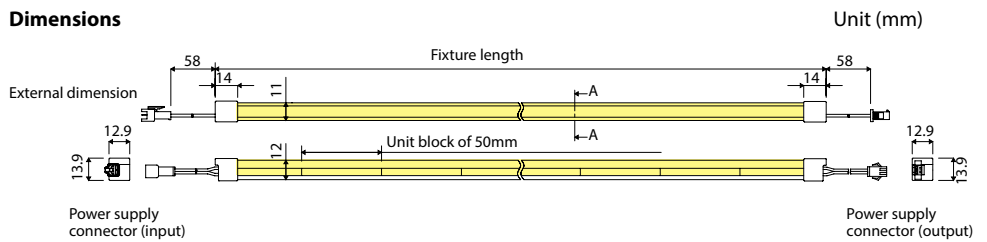
Light Intensity distribution



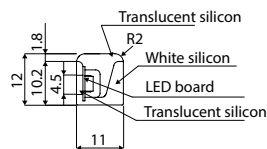
Candlepower Distribution



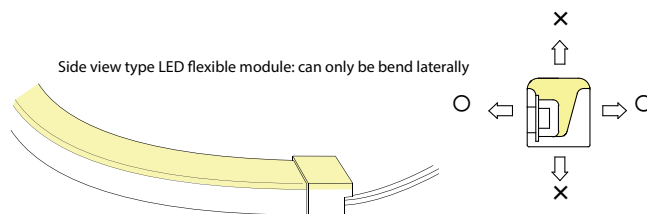
Dimensions



Cross sectional view A-A



Bending direction



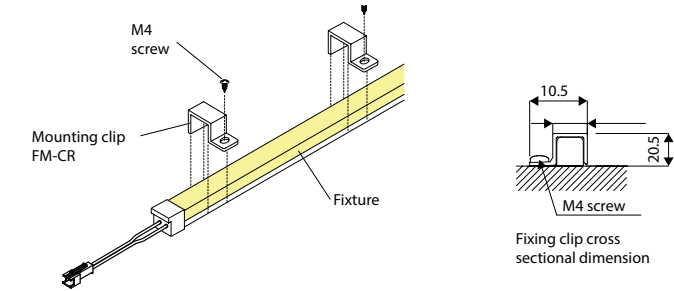
DC 24V standard specifications

Reference	Length (mm)	Weight (kg)	Number of LED	CRI (Ra)	Watts (W)	Amps (A)	Maximum length (m)	Luminous flux (lm)
FMS-506	506	0.07	70	> 80 Ra	4.8	0.2	6.5	230
FMS-1004	1004	0.15	140		9.6	0.4		460
FMS-1502	1502	0.22	210		14.4	0.6		690
FMS-2000	2000	0.29	280		19.2	0.8		920

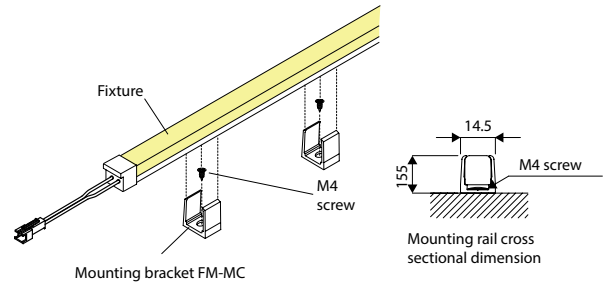
Other size possible upon request. Please check order made size table.

Installation

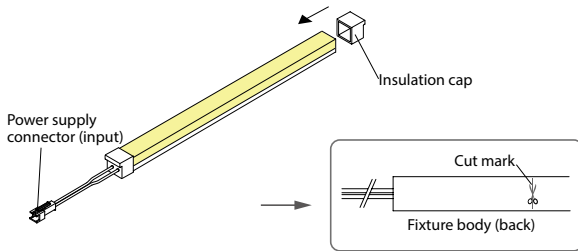
Mounting clip installation



Mounting bracket installation



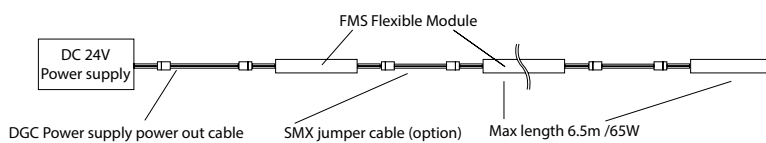
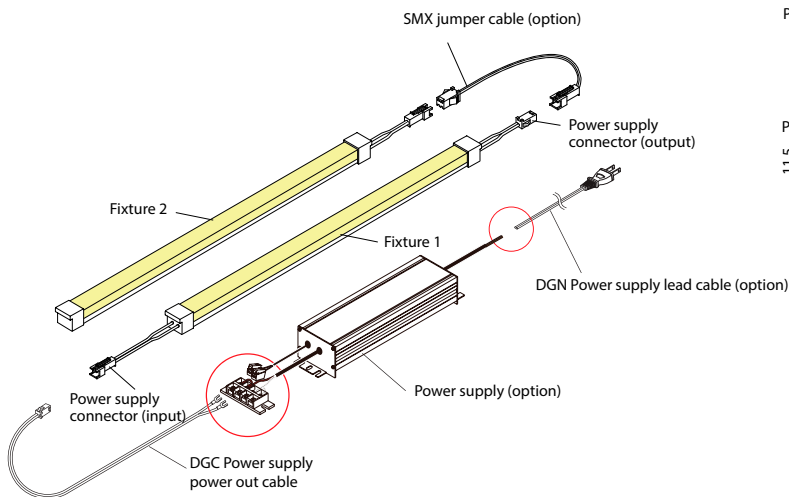
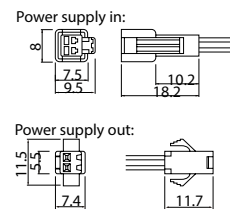
Cutting the fixture



The FMS flexible module can be cut at every section of 50 mm. Just use a cisor or a cutter to cut on indicated mark on the fixture.

Power supply connection

Connector dimension



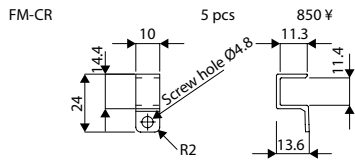
Order made sizes

Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FMS-58	58	0.01	7	0.48	0.02	23
FMS-108	108	0.01	14	0.96	0.04	46
FMS-158	158	0.02	21	1.44	0.06	69
FMS-207	207	0.03	28	1.92	0.08	92
FMS-257	257	0.04	35	2.4	0.10	115
FMS-307	307	0.04	42	2.88	0.12	138
FMS-357	357	0.05	49	3.36	0.14	161
FMS-407	407	0.06	56	3.84	0.16	184
FMS-456	456	0.07	63	4.32	0.18	207
FMS-506	506	0.07	70	4.8	0.20	230
FMS-556	556	0.08	77	5.28	0.22	253
FMS-606	606	0.09	84	5.76	0.24	276
FMS-656	656	0.10	91	6.24	0.26	299
FMS-705	705	0.10	98	6.72	0.28	322
FMS-755	755	0.11	105	7.2	0.30	345
FMS-805	805	0.12	112	7.68	0.32	368
FMS-855	855	0.13	119	8.16	0.34	391
FMS-905	905	0.13	126	8.64	0.36	414
FMS-954	954	0.14	133	9.12	0.38	437
FMS-1004	1004	0.15	140	9.6	0.40	460
FMS-1054	1054	0.16	147	10.08	0.42	483
FMS-1104	1104	0.16	154	10.56	0.44	506
FMS-1154	1154	0.17	161	11.04	0.46	529
FMS-1203	1203	0.18	168	11.52	0.48	552
FMS-1253	1253	0.19	175	12	0.50	575
FMS-1303	1303	0.19	182	12.48	0.52	598
FMS-1353	1353	0.20	189	12.96	0.54	621
FMS-1403	1403	0.21	196	13.44	0.56	644
FMS-1452	1452	0.22	203	13.92	0.58	667
FMS-1502	1502	0.22	210	14.4	0.60	690
FMS-1552	1552	0.23	217	14.88	0.62	713
FMS-1602	1602	0.24	224	15.36	0.64	736
FMS-1652	1652	0.25	231	15.84	0.66	759
FMS-1701	1701	0.25	238	16.32	0.68	782
FMS-1751	1751	0.26	245	16.8	0.70	805
FMS-1801	1801	0.27	252	17.28	0.72	828
FMS-1851	1851	0.27	259	17.76	0.74	851
FMS-1901	1901	0.28	266	18.24	0.76	874
FMS-1950	1950	0.29	273	18.72	0.78	897
FMS-2000	2000	0.29	280	19.2	0.80	920
FMS-2050	2050	0.30	287	19.68	0.82	943
FMS-2100	2100	0.31	294	20.16	0.84	966
FMS-2150	2150	0.32	301	20.64	0.86	989
FMS-2199	2199	0.33	308	21.12	0.88	1012
FMS-2249	2249	0.33	315	21.6	0.90	1035
FMS-2299	2299	0.34	322	22.08	0.92	1058
FMS-2349	2349	0.35	329	22.56	0.94	1081
FMS-2399	2399	0.36	336	23.04	0.96	1104
FMS-2448	2448	0.36	343	23.52	0.98	1127
FMS-2498	2498	0.37	350	24	1.00	1150
FMS-2548	2548	0.38	357	24.48	1.02	1173
FMS-2598	2598	0.39	364	24.96	1.04	1196
FMS-2648	2648	0.39	371	25.44	1.06	1219
FMS-2697	2697	0.40	378	25.92	1.08	1242
FMS-2747	2747	0.41	385	26.4	1.10	1265
FMS-2797	2797	0.42	392	26.88	1.12	1288
FMS-2847	2847	0.42	399	27.36	1.14	1311
FMS-2897	2897	0.43	406	27.84	1.16	1334
FMS-2946	2946	0.44	413	28.32	1.18	1357
FMS-2996	2996	0.45	420	28.8	1.20	1380
FMS-3046	3046	0.45	427	29.28	1.22	1403
FMS-3096	3096	0.46	434	29.76	1.24	1426
FMS-3146	3146	0.47	441	30.24	1.26	1449
FMS-3195	3195	0.48	448	30.72	1.28	1472
FMS-3245	3245	0.48	455	31.2	1.30	1495

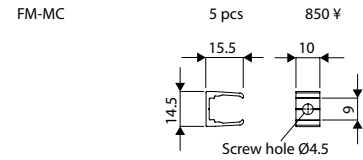
Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FMS-3295	3295	0.49	462	31.68	1.32	1518
FMS-3345	3345	0.50	469	32.16	1.34	1541
FMS-3395	3395	0.50	476	32.64	1.36	1564
FMS-3444	3444	0.51	483	33.12	1.38	1587
FMS-3494	3494	0.52	490	33.6	1.40	1610
FMS-3544	3544	0.53	497	34.08	1.42	1633
FMS-3594	3594	0.53	504	34.56	1.44	1656
FMS-3644	3644	0.54	511	35.04	1.46	1679
FMS-3693	3693	0.55	518	35.52	1.48	1702
FMS-3743	3743	0.56	525	36	1.50	1725
FMS-3793	3793	0.56	532	36.48	1.52	1748
FMS-3843	3843	0.57	539	36.96	1.54	1771
FMS-3893	3893	0.58	546	37.44	1.56	1794
FMS-3942	3942	0.59	553	37.92	1.58	1817
FMS-3992	3992	0.59	560	38.4	1.60	1840
FMS-4042	4042	0.60	567	38.88	1.62	1863
FMS-4092	4092	0.61	574	39.36	1.64	1886
FMS-4142	4142	0.62	581	39.84	1.66	1909
FMS-4191	4191	0.62	588	40.32	1.68	1932
FMS-4241	4241	0.63	595	40.8	1.70	1955
FMS-4291	4291	0.64	602	41.28	1.72	1978
FMS-4341	4341	0.65	609	41.76	1.74	2001
FMS-4391	4391	0.65	616	42.24	1.76	2024
FMS-4440	4440	0.66	623	42.72	1.78	2047
FMS-4490	4490	0.67	630	43.2	1.80	2070
FMS-4540	4540	0.68	637	43.68	1.82	2093
FMS-4590	4590	0.68	644	44.16	1.84	2116
FMS-4640	4640	0.69	651	44.64	1.86	2139
FMS-4689	4689	0.70	658	45.12	1.88	2162
FMS-4739	4739	0.71	665	45.6	1.90	2185
FMS-4789	4789	0.71	672	46.08	1.92	2208
FMS-4839	4839	0.72	679	46.56	1.94	2231
FMS-4889	4889	0.73	686	47.04	1.96	2254
FMS-4938	4938	0.74	693	47.52	1.98	2277
FMS-4988	4988	0.74	700	48	2.00	2300
FMS-5038	5038	0.75	707	48.48	2.02	2323
FMS-5088	5088	0.76	714	48.96	2.04	2346
FMS-5138	5138	0.76	721	49.44	2.06	2369
FMS-5187	5187	0.77	728	49.92	2.08	2392
FMS-5237	5237	0.78	735	50.4	2.10	2415
FMS-5287	5287	0.79	742	50.88	2.12	2438
FMS-5337	5337	0.79	749	51.36	2.14	2461
FMS-5387	5387	0.80	756	51.84	2.16	2484
FMS-5436	5436	0.81	763	52.32	2.18	2507
FMS-5486	5486	0.82	770	52.8	2.20	2530
FMS-5536	5536	0.82	777	53.28	2.22	2553
FMS-5586	5586	0.83	784	53.76	2.24	2576
FMS-5636	5636	0.84	791	54.24	2.26	2599
FMS-5685	5685	0.85	798	54.72	2.28	2622
FMS-5735	5735	0.85	805	55.2	2.30	2645
FMS-5785	5785	0.86	812	55.68	2.32	2668
FMS-5835	5835	0.87	819	56.16	2.34	2691
FMS-5885	5885	0.88	826	56.64	2.36	2714
FMS-5934	5934	0.88	833	57.12	2.38	2737
FMS-5984	5984	0.89	840	57.6	2.40	2760
FMS-6034	6034	0.90	847	58.08	2.42	2783
FMS-6084	6084	0.91	854	58.56	2.44	2806
FMS-6134	6134	0.91	861	59.04	2.46	2829
FMS-6183	6183	0.92	868	59.52	2.48	2852
FMS-6233	6233	0.93	875	60	2.50	2875
FMS-6283	6283	0.94	882	60.48	2.52	2898
FMS-6333	6333	0.94	889	60.96	2.54	2921
FMS-6383	6383	0.95	896	61.44	2.56	2944
FMS-6432	6432	0.96	903	61.92	2.58	2967
FMS-6482	6482	0.97	910	62.4	2.60	2990

Option parts

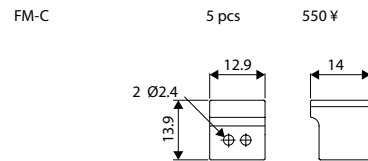
Mounting bracket FM-CR



Mounting clip FM-MC



Cap FM-C



Jumper cable SMX



SMX-80	80 mm	1 pcs	500 ¥
SMX-200	200 mm	1 pcs	500 ¥
SMX-300	300 mm	1 pcs	500 ¥
SMX-400	400 mm	1 pcs	600 ¥

SMX-500	500 mm	1 pcs	600 ¥
SMX-1000	1000 mm	1 pcs	600 ¥
SMX-2000	2000 mm	1 pcs	1200 ¥
SMX-3000	3000 mm	1 pcs	1800 ¥
SMX-4000	4000 mm	1 pcs	2400 ¥

Power supply out cable DGC



DGC-1	500mm	1 connector	700 ¥
DGC-2	500mm	2 connectors	900 ¥
DGC-3	500mm	3 connectors	1100 ¥
DGC-4	500mm	4 connectors	1300 ¥

Power supply in lead cable DGN



DGN-2500	2500mm	1 pcs	1350 ¥
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Power supply unit (OSRAM OT)



OT30/100-200-24-T	30W	1 pcs	Open price
OT60/100-200-24-T	60W	1 pcs	Open price
OT90/100-200-24-T	90W	1 pcs	Open price
OT150/100-200-24-T	150W	1 pcs	Open price

Input AC90~240V, output DC24V.
Comply with CE, UL, PSE standards. IP 66 water proof rating.

DC 24V dimmer FMC-24S/R

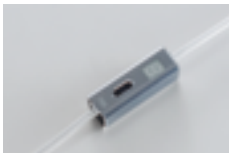


FMC-24S/R	1 pcs	34500 ¥
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Available in 3 colors:



DC 24V simple dimmer FSD-24



FSD-24	1 pcs	9900 ¥
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Cutting of the FMS Flexible LED Module

- The FMS flexible LED Module can be cut every 49.8mm position.
- During the process, you absolutely must power OFF the fixture.
- The fixture must cut from the fixture with input power supply connector.

Step 1: Silicon body cut (half cut)

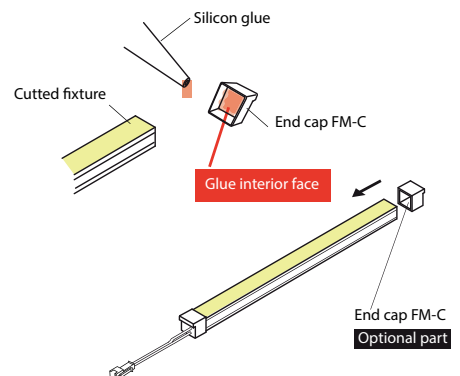
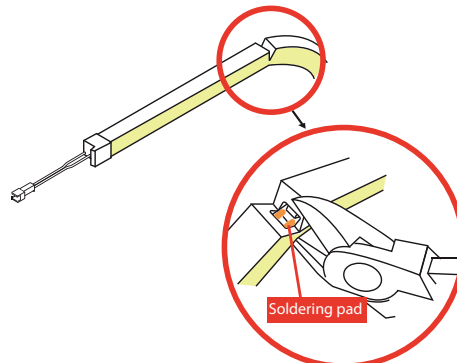
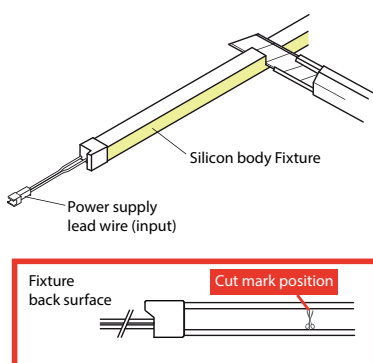
On the back side surface of the fixture, identify the cut mark (cisor mark) position. Use a cutter to cut carefully cut the silicon body on the cut mark. Cut in straight line the silicon body to the top of LED board without applying strenght.

Step 2: internal LED strip cut

From the half cutted silicon body identify the soldering pad unction of the LED strip. Cut the central part of the soldering pad junction with nipper and cut it completely. Take care to not damage any LED package or resistance package on the strip.

Step 3: insulation / end cap installation

For insulation and safety purpose you must glue some cap to the cutted side of cutted fixture. Apply silicon glue on the interior of end cap (FM-C optional cap) and apply it to the cutted part.



FLT-2

LED Flexible Module

- High beam effect efficiency
- Up to 8 m maximum length
- Low temperature

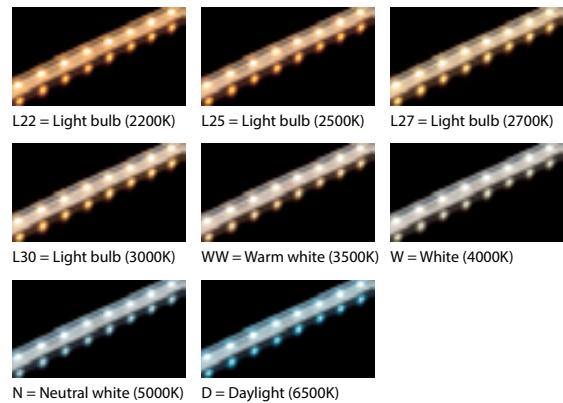
FLT-2 - 998 - N - K

1 2 3 4

- 1 Fixture name : FLT-2= LED Flexible Module FLare Line Clear
 2 Length : 500, 998, 1496, 1994 (other size possible)
 3 LED color : L22 = Light bulb (2200K)
 L25 = Light bulb (2500K)
 L27 = Light bulb (2700K)
 L30 = Light bulb (3000K)
 WW = Warm white (3500K)
 W = White (4000K)
 N = Neutral white (5000K)
 D = Daylight (6500K)
 None = standard/K = one end connector

- 4 Connector: indoor cove / display lighting
 Environment of use : 8m (7970mm)
 Maximum length in series :
 Driver : DC 24V

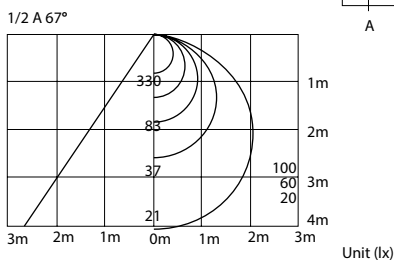
Color temperature CCT



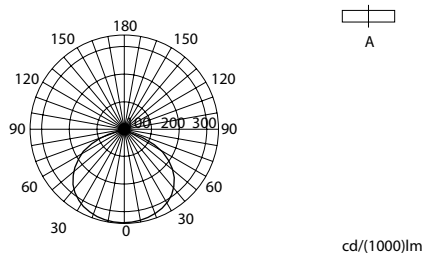
Photometric data

Measured fixture: FLT-2-998-N

Light Intensity distribution



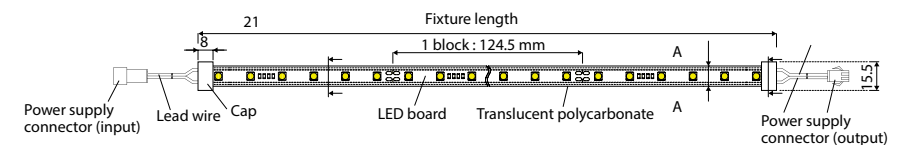
Candlepower Distribution



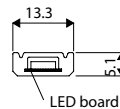
Dimensions

External dimension

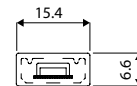
Unit (mm)



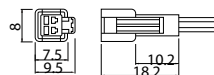
Cross sectional view A-A



Cross sectional view B-B



Connector dimension

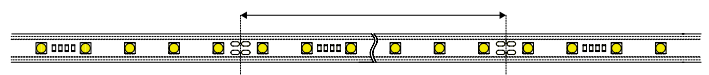


Power supply in:

Power supply out:

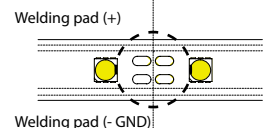
Cutting position

1 block : 124.5 mm (minimum length)



Can be cut every 124.5mm (1 unit = 6 LED)

- Cut the board at the position indicated by [CUT].
- Please take to not apply strength on the LED while cutting the board.
- After cutting secure the board with plastic cap option part.



DC 24V standard specifications

Reference	Length (mm)	Weight (kg)	Number of LED	CRI (Ra)	Watts (W)	Amps (A)	Maximum length (m)	Luminous flux (lm)
FLT-2-500	500	0.04	24	> 80 Ra	4.4	0.19	8	490
FLT-2-998	998	0.07	48		8.9	0.37		980
FLT-2-1496	1496	0.11	72		13.1	0.55		1470
FLT-2-1994	1994	0.14	96		17.3	0.72		1960

Order made sizes

Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FLT-2-127	126.5	0.009	6	1.1	0.046	123
FLT-2-251	251	0.018	12	2.2	0.093	245
FLT-2-376	375.5	0.026	18	3.3	0.139	368
FLT-2-500	500	0.035	24	4.4	0.185	490
FLT-2-625	624.5	0.044	30	5.6	0.231	613
FLT-2-749	749	0.053	36	6.7	0.278	735
FLT-2-874	873.5	0.062	42	7.8	0.324	858
FLT-2-998	998	0.070	48	8.9	0.370	980
FLT-2-1123	1122.5	0.079	54	9.9	0.414	1103
FLT-2-1247	1247	0.088	60	11.0	0.458	1225
FLT-2-1372	1371.5	0.097	66	12.0	0.501	1348
FLT-2-1496	1496	0.106	72	13.1	0.545	1470
FLT-2-1621	1620.5	0.114	78	14.1	0.589	1589
FLT-2-1745	1745	0.123	84	15.2	0.633	1709
FLT-2-1870	1869.5	0.132	90	16.2	0.676	1828
FLT-2-1994	1994	0.141	96	17.3	0.720	1908
FLT-2-2119	2118.5	0.150	102	18.3	0.763	2023
FLT-2-2243	2243	0.158	108	19.4	0.807	2137
FLT-2-2368	2367.5	0.167	114	20.4	0.850	2252
FLT-2-2492	2492	0.176	120	21.4	0.894	2367
FLT-2-2617	2615.5	0.185	126	23.5	0.937	2481
FLT-2-2741	2741	0.194	132	24.6	0.980	2596
FLT-2-2866	2865.5	0.202	138	25.6	1.024	2710
FLT-2-2990	2990	0.211	144	25.6	1.067	2825
FLT-2-3115	3114.5	0.220	150	26.6	1.108	2935
FLT-2-3239	3239	0.229	156	27.6	1.150	3045
FLT-2-3364	3363.5	0.238	162	28.6	1.191	3155
FLT-2-3488	3488	0.246	168	29.6	1.232	3266
FLT-2-3613	3612.5	0.255	174	30.6	1.315	3376
FLT-2-3737	3737	0.264	180	31.5	1.356	3486
FLT-2-3862	3861.5	0.273	186	32.5	1.397	3596
FLT-2-3986	3986	0.282	192	33.5	1.397	3706

Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FLT-2-4111	4110.5	0.290	198	34.5	1.437	3814
FLT-2-4235	4235	0.299	204	35.4	1.476	3921
FLT-2-4360	4359.5	0.308	210	36.4	1.516	4029
FLT-2-4484	4484	0.317	216	37.3	1.555	4136
FLT-2-4609	4608.5	0.326	222	38.3	1.595	4244
FLT-2-4733	4733	0.334	228	39.2	1.634	4351
FLT-2-4858	4857.5	0.343	234	40.2	1.674	4459
FLT-2-4982	4982	0.352	240	41.1	1.714	4566
FLT-2-5107	5106.5	0.361	246	42.0	1.752	4673
FLT-2-5231	5231	0.370	252	43.0	1.790	4780
FLT-2-5356	5255.5	0.378	258	43.9	1.828	4887
FLT-2-5480	5480	0.387	264	44.8	1.866	4994
FLT-2-5605	5604.5	0.396	270	45.7	1.904	5100
FLT-2-5729	5729	0.405	276	46.6	1.942	5207
FLT-2-5854	5883.4	0.414	282	47.5	1.980	5314
FLT-2-5978	5978	0.422	288	48.4	2.018	5421
FLT-2-6103	6102.5	0.431	294	49.3	2.054	5525
FLT-2-6227	6227	0.440	300	50.2	2.090	5628
FLT-2-6352	6351.5	0.449	306	51.0	2.126	5732
FLT-2-6476	6476	0.458	312	51.9	2.163	5836
FLT-2-6601	6600.5	0.466	318	52.8	2.199	5939
FLT-2-6725	6725	0.475	324	53.6	2.235	6043
FLT-2-6850	6849.5	0.484	330	54.5	2.271	6146
FLT-2-6974	6974	0.493	336	55.4	2.308	6250
FLT-2-7099	7098.5	0.502	342	56.3	2.344	6349
FLT-2-7223	7223	0.510	348	57.1	2.380	6448
FLT-2-7348	7347.5	0.519	354	58.0	2.416	6547
FLT-2-7472	7472	0.528	360	58.9	2.453	6646
FLT-2-7597	7596.5	0.537	366	59.7	2.489	6745
FLT-2-7721	7721	0.546	372	60.6	2.525	6844
FLT-2-7846	7845.5	0.554	378	61.5	2.561	6943
FLT-2-7970	7970	0.563	384	62.3	2.598	7042

* Maximum length 8m. If you want to connect more than 8m, please connect the system in parallel.
 * Standard sizes. For other dimensions, please contact us.

FLT-3

LED Flexible Module

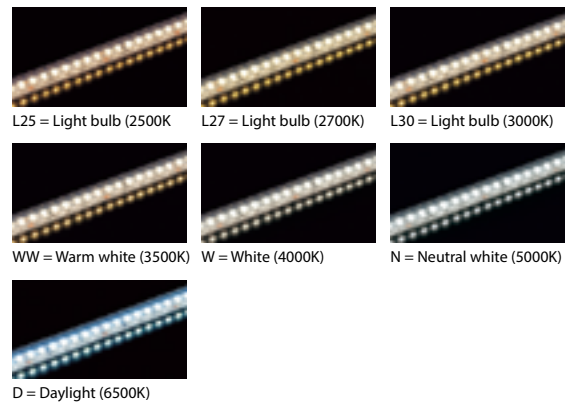
- High luminosity
- Up to 6.5 m maximum length
- Low temperature

FLT-3 - 1004 - N - K

1 Fixture name : FLT-3= LED Flexible Module FLare Line Clear
 2 Length : 506, 1004, 1502, 2000 (other size possible)
 3 LED color : L25 = Light bulb (2500K)
 L27 = Light bulb (2700K)
 L30 = Light bulb (3000K)
 WW = Warm white (3500K)
 W = White (4000K)
 N = Neutral white (5000K)
 D = Daylight (6500K)
 4 Connector: None = standard/K = one end connector

Environment of use : indoor cove / display lighting
 Maximum length in series : 6.5m (6482mm)
 Driver : DC 24V

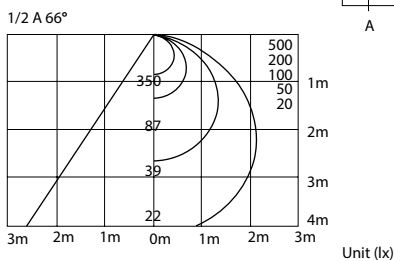
Color temperature CCT



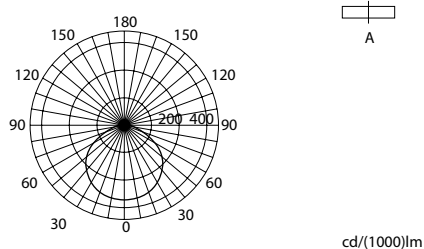
Photometric data

Measured fixture: FLT-3-1004-N

Light Intensity distribution



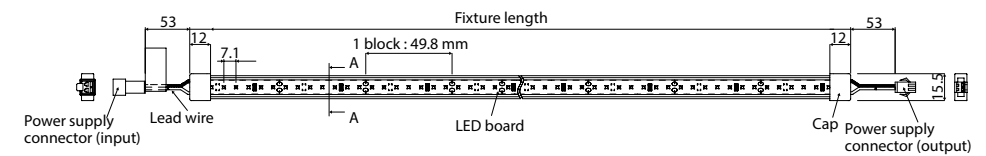
Candlepower Distribution



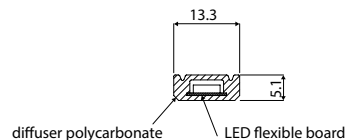
Dimensions

Unit (mm)

External dimension

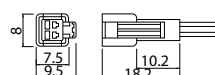


Cross sectional view A-A

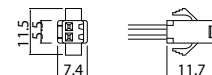


Connector dimension

Power supply in:



Power supply out:



Order made sizes

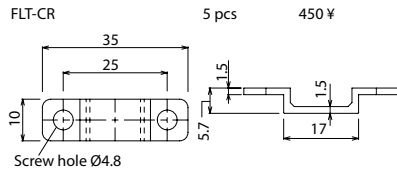
Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FLT-3-58	58	0.009	7	0.5	0.02	53
FLT-3-108	108	0.013	14	1.0	0.04	106
FLT-3-157	157	0.017	21	1.4	0.06	159
FLT-3-207	207	0.021	28	1.9	0.08	212
FLT-3-257	257	0.025	35	2.4	0.10	265
FLT-3-307	307	0.029	42	2.9	0.12	318
FLT-3-357	357	0.033	49	3.4	0.14	371
FLT-3-406	406	0.037	56	3.8	0.16	424
FLT-3-456	456	0.041	63	4.3	0.18	477
FLT-3-506	506	0.045	70	4.8	0.20	530
FLT-3-556	556	0.049	77	5.3	0.22	583
FLT-3-606	606	0.053	84	5.8	0.24	636
FLT-3-655	655	0.057	91	6.2	0.26	689
FLT-3-705	705	0.061	98	6.7	0.28	742
FLT-3-755	755	0.065	105	7.2	0.30	795
FLT-3-805	805	0.069	112	7.7	0.32	848
FLT-3-855	855	0.073	119	8.2	0.34	901
FLT-3-904	904	0.077	126	8.6	0.36	954
FLT-3-954	954	0.081	133	9.1	0.38	1007
FLT-3-1004	1004	0.085	140	9.6	0.40	1060
FLT-3-1054	1054	0.089	147	10.1	0.42	1113
FLT-3-1104	1104	0.093	154	10.6	0.44	1166
FLT-3-1153	1153	0.097	161	11.0	0.46	1219
FLT-3-1203	1203	0.101	168	11.5	0.48	1272
FLT-3-1253	1253	0.105	175	12.0	0.50	1325
FLT-3-1303	1303	0.109	182	12.5	0.52	1378
FLT-3-1353	1353	0.113	189	13.0	0.54	1431
FLT-3-1402	1402	0.117	196	13.4	0.56	1484
FLT-3-1452	1452	0.121	203	13.9	0.58	1537
FLT-3-1502	1502	0.125	210	14.4	0.60	1590
FLT-3-1552	1552	0.129	217	14.9	0.62	1643
FLT-3-1602	1602	0.133	224	15.4	0.64	1696
FLT-3-1651	1651	0.137	231	15.8	0.66	1749
FLT-3-1701	1701	0.141	238	16.3	0.68	1802
FLT-3-1751	1751	0.145	245	16.8	0.70	1855
FLT-3-1801	1801	0.149	252	17.3	0.72	1908
FLT-3-1851	1851	0.153	259	17.8	0.74	1961
FLT-3-1900	1900	0.157	266	18.2	0.76	2014
FLT-3-1950	1950	0.161	273	18.7	0.78	2067
FLT-3-2000	2000	0.165	280	19.2	0.80	2120
FLT-3-2050	2050	0.169	287	19.7	0.82	2173
FLT-3-2100	2100	0.173	294	20.2	0.84	2226
FLT-3-2149	2149	0.177	301	20.6	0.86	2279
FLT-3-2199	2199	0.181	308	21.1	0.88	2332
FLT-3-2249	2249	0.185	315	21.6	0.90	2385
FLT-3-2299	2299	0.189	322	22.1	0.92	2438
FLT-3-2349	2349	0.193	329	22.6	0.94	2491
FLT-3-2398	2398	0.197	336	23.0	0.96	2544
FLT-3-2448	2448	0.201	343	23.5	0.98	2597
FLT-3-2498	2498	0.205	350	24.0	1.00	2650
FLT-3-2548	2548	0.209	357	24.5	1.02	2703
FLT-3-2598	2598	0.213	364	25.0	1.04	2756
FLT-3-2647	2647	0.217	371	25.4	1.06	2809
FLT-3-2697	2697	0.221	378	25.9	1.08	2862
FLT-3-2747	2747	0.225	385	26.4	1.10	2915
FLT-3-2797	2797	0.229	392	26.9	1.12	2968
FLT-3-2847	2847	0.233	399	27.4	1.14	3021
FLT-3-2896	2896	0.237	406	27.8	1.16	3074
FLT-3-2946	2946	0.241	413	28.3	1.18	3127
FLT-3-2996	2996	0.245	420	28.8	1.20	3180
FLT-3-3046	3046	0.249	427	29.3	1.22	3233
FLT-3-3096	3096	0.253	434	29.8	1.24	3286
FLT-3-3145	3145	0.257	441	30.2	1.26	3339
FLT-3-3195	3195	0.261	448	30.7	1.28	3392
FLT-3-3245	3245	0.265	455	31.2	1.30	3445

Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FLT-3-3295	3295	0.269	462	31.7	1.32	3498
FLT-3-3345	3345	0.273	469	32.2	1.34	3551
FLT-3-3394	3394	0.277	476	32.6	1.36	3604
FLT-3-3444	3444	0.281	483	33.1	1.38	3657
FLT-3-3494	3494	0.285	490	33.6	1.40	3710
FLT-3-3544	3544	0.289	497	34.1	1.42	3612
FLT-3-3594	3594	0.293	504	34.6	1.44	3663
FLT-3-3643	3643	0.297	511	35.0	1.46	3714
FLT-3-3693	3693	0.301	518	35.5	1.48	3765
FLT-3-3743	3743	0.305	525	36.0	1.50	3816
FLT-3-3793	3793	0.309	532	36.5	1.52	3867
FLT-3-3843	3843	0.313	539	37.0	1.54	3918
FLT-3-3892	3892	0.317	546	37.4	1.56	3969
FLT-3-3942	3942	0.321	553	37.9	1.58	4020
FLT-3-3992	3992	0.325	560	38.4	1.60	4070
FLT-3-4042	4042	0.329	567	38.9	1.62	4121
FLT-3-4092	4092	0.333	574	39.4	1.64	4172
FLT-3-4141	4141	0.337	581	39.8	1.66	4223
FLT-3-4191	4191	0.341	588	40.3	1.68	4274
FLT-3-4241	4241	0.345	595	40.8	1.70	4325
FLT-3-4291	4291	0.349	602	41.3	1.72	4376
FLT-3-4341	4341	0.353	609	41.8	1.74	4427
FLT-3-4390	4390	0.357	616	42.2	1.76	4477
FLT-3-4440	4440	0.361	623	42.7	1.78	4528
FLT-3-4490	4490	0.365	630	43.2	1.80	4579
FLT-3-4540	4540	0.369	637	43.7	1.82	4630
FLT-3-4590	4590	0.373	644	44.2	1.84	4681
FLT-3-4639	4639	0.377	651	44.6	1.86	4732
FLT-3-4689	4689	0.381	658	45.1	1.88	4783
FLT-3-4739	4739	0.385	665	45.6	1.90	4834
FLT-3-4789	4789	0.389	672	46.1	1.92	4884
FLT-3-4839	4839	0.393	679	46.6	1.94	4935
FLT-3-4888	4888	0.397	686	47.0	1.96	4986
FLT-3-4938	4938	0.401	693	47.5	1.98	5037
FLT-3-4988	4988	0.405	700	48.0	2.00	5088
FLT-3-5038	5038	0.409	707	48.5	2.02	5032
FLT-3-5088	5088	0.413	714	49.0	2.04	5082
FLT-3-5137	5137	0.417	721	49.4	2.06	5131
FLT-3-5187	5187	0.421	728	49.9	2.08	5181
FLT-3-5237	5237	0.425	735	50.4	2.10	5231
FLT-3-5287	5287	0.429	742	50.9	2.12	5281
FLT-3-5337	5337	0.433	749	51.4	2.14	5331
FLT-3-5386	5386	0.437	756	51.8	2.16	5381
FLT-3-5436	5436	0.441	763	52.3	2.18	5430
FLT-3-5486	5486	0.445	770	52.8	2.20	5480
FLT-3-5536	5536	0.449	777	53.3	2.22	5530
FLT-3-5586	5586	0.453	784	53.8	2.24	5580
FLT-3-5635	5635	0.457	791	54.2	2.26	5630
FLT-3-5685	5685	0.461	798	54.7	2.28	5679
FLT-3-5735	5735	0.465	805	55.2	2.30	5729
FLT-3-5785	5785	0.469	812	55.7	2.32	5779
FLT-3-5835	5835	0.473	819	56.2	2.34	5829
FLT-3-5884	5884	0.477	826	56.6	2.36	5879
FLT-3-5934	5934	0.481	833	57.1	2.38	5929
FLT-3-5984	5984	0.485	840	57.6	2.40	5978
FLT-3-6034	6034	0.489	847	58.1	2.42	6028
FLT-3-6084	6084	0.493	854	58.6	2.44	6078
FLT-3-6133	6133	0.497	861	59.0	2.46	6128
FLT-3-6183	6183	0.501	868	59.5	2.48	6178
FLT-3-6233	6233	0.505	875	60.0	2.50	6228
FLT-3-6283	6283	0.509	882	60.5	2.52	6277
FLT-3-6333	6333	0.513	889	61.0	2.54	6327
FLT-3-6382	6382	0.517	896	61.4	2.56	6377
FLT-3-6432	6432	0.521	903	61.9	2.58	6427
FLT-3-6482	6482	0.525	910	62.4	2.60	6477

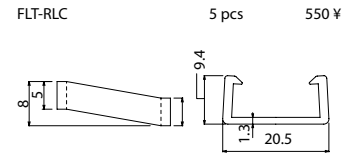
* Maximum standard length 6.5m. For longer specification, please contact us.

Option parts

Mounting bracket FLT-CR



Mounting clip FLT-RLC



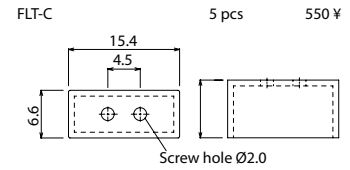
Mounting rail FLT-RL



FLT-RL-500	470mm	1 pcs	1500 ¥
FLT-RL-1000	970mm	1 pcs	1700 ¥
FLT-RL-1500	1470mm	1 pcs	2000 ¥
FLT-RL-2900	1970mm	1 pcs	2500 ¥

In case of FLK-RL-500/1000 you shall usen 5 mounting clip.
In case of FLK-RL-1500/2000 you shall usen 10 mounting clip.

Cap FLT-C



Jumper cable SMX



SMX-80	80 mm	1 pcs	500 ¥
SMX-200	200 mm	1 pcs	500 ¥
SMX-300	300 mm	1 pcs	500 ¥
SMX-400	400 mm	1 pcs	600 ¥

SMX-500	500 mm	1 pcs	600 ¥
SMX-1000	1000 mm	1 pcs	600 ¥
SMX-2000	2000 mm	1 pcs	1200 ¥
SMX-3000	3000 mm	1 pcs	1800 ¥
SMX-4000	4000 mm	1 pcs	2400 ¥

Power supply out cable DGC



DGC-1	500mm	1 connector	700 ¥
DGC-2	500mm	2 connectors	900 ¥
DGC-3	500mm	3 connectors	1100 ¥
DGC-4	500mm	4 connectors	1300 ¥

Power supply in lead cable DGN



DGN-2500	2500mm	1 pcs	1350 ¥
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Power supply unit (OSRAM OT)



OT30/100-200-24-T	30W	1 pcs	Open price
OT60/100-200-24-T	60W	1 pcs	Open price
OT90/100-200-24-T	90W	1 pcs	Open price
OT150/100-200-24-T	150W	1 pcs	Open price

Input AC90~240V, output DC24V.
Comply with CE, UL, PSE standards. IP 66 water proof rating.

DC 24V dimmer FMC-24S/R

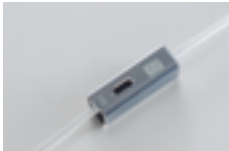


FMC-24S/R	1 pcs	34500 ¥
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Available in 3 colors:

- White
- Grey
- Black

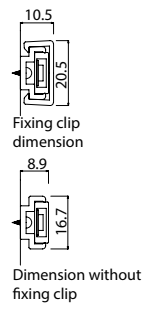
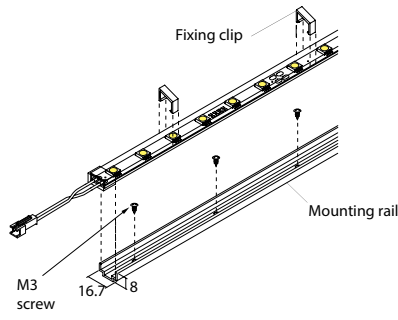
DC 24V simple dimmer FSD-24



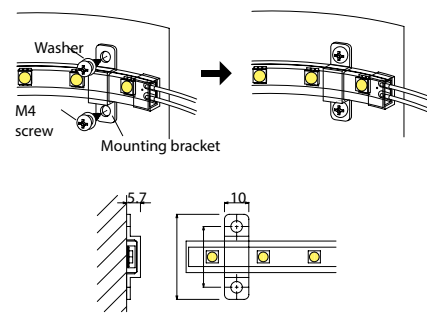
FSD-24	1 pcs	9900 ¥
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Installation / Power supply connection

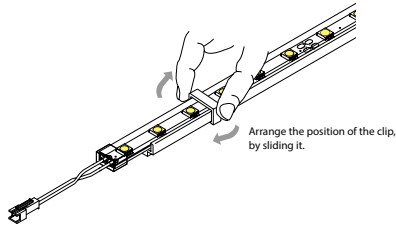
Mounting rail installation



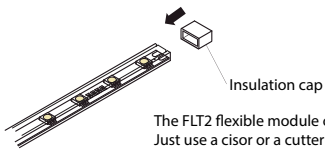
Mounting bracket installation



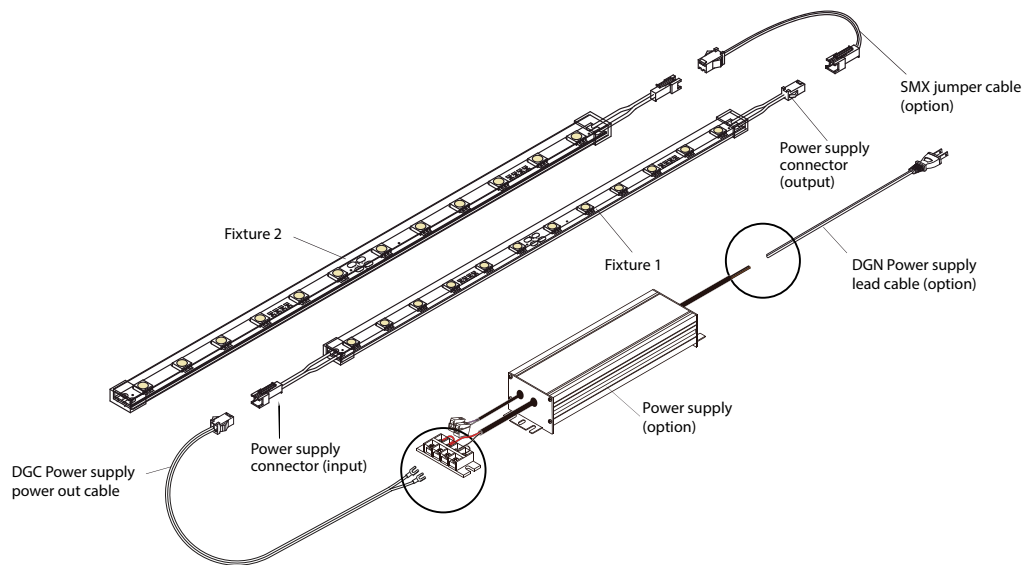
* Please always use washers when fixing the brackets.



Cutting the fixture



Installation / Power supply connection



Flexible Module for outdoor lighting





FMT-A

LED Flexible Module

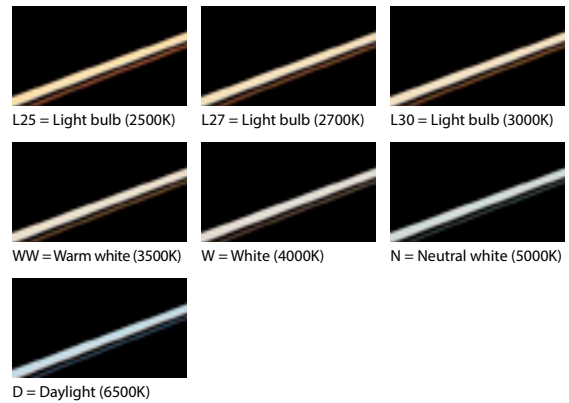
- IP 65 waterproof
- Dotless top view LED strip light
- Up to 6.5 m maximum length
- Compact design 12 x 11 mm
- 7 colors available



FMT-A - 1026 - N - K

- | | | | |
|------------------|---|---|---|
| 1 | 2 | 3 | 4 |
| 1 Fixture name : | FMT-A= LED Flexible Module Flare Line Mini Top Outdoor | | |
| 2 Length : | 528, 1026, 1524, 2022, 2520, 3018, 3516, 4014, 4512, 5010, 5508, 6006, 6494 (other size possible) | | |
| 3 LED color : | L25 = Light bulb (2500K)
L27 = Light bulb (2700K)
L30 = Light bulb (3000K)
WW = Warm white (3500K)
W = White (4000K)
N = Neutral white (5000K)
D = Daylight (6500K) | | |
| 4 Connector : | R = both sides connector
K = one side connector | | |

Color temperature CCT

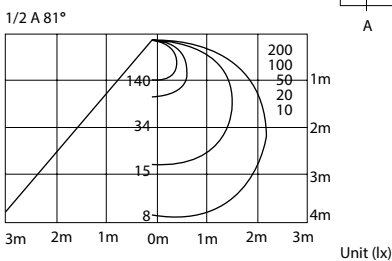


Environment of use : outdoor accent / architectural lighting
 Maximum length in series : 6500mm
 Driver : DC 24V

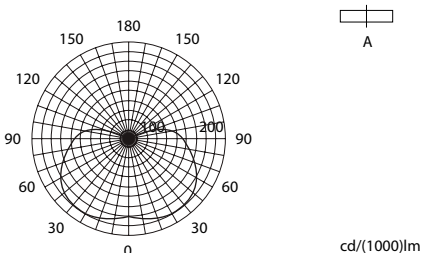
Photometric data

Measured fixture: FMT-A-1026-N

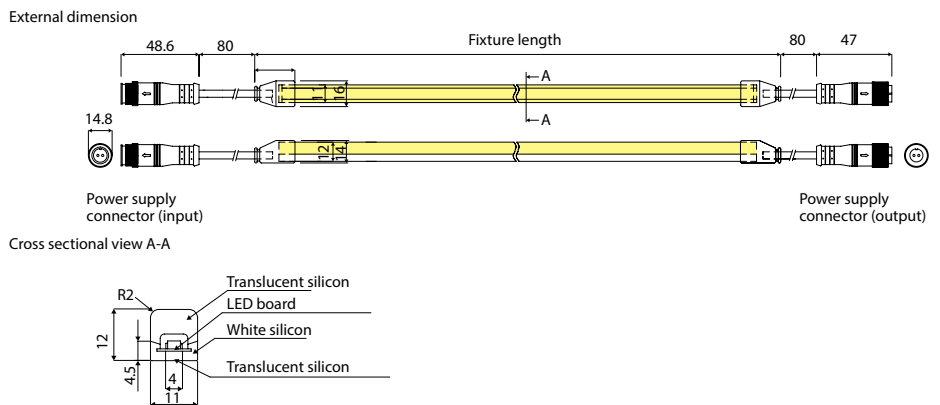
Light Intensity distribution



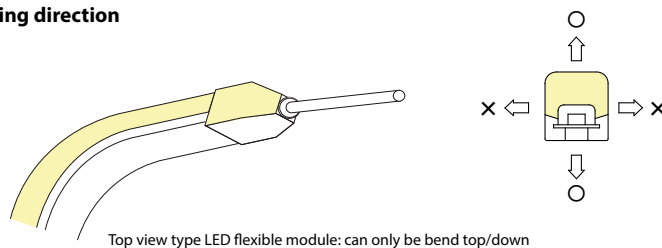
Candlepower Distribution



Dimensions



Bending direction



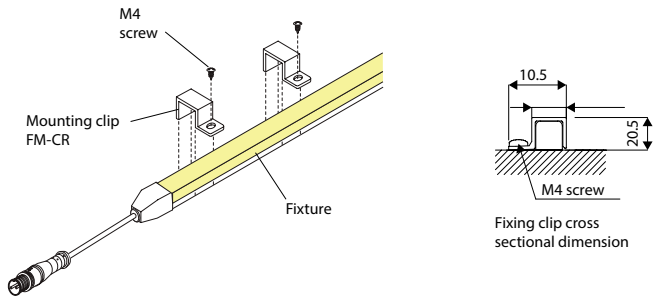
DC 24V standard specifications

Reference	Length (mm)	Weight (kg)	Number of LED	CRI (Ra)	Watts (W)	Amps (A)	Maximum length (m)	Luminous flux (lm)
FMT-A-528	528	0.10	70	> 80 Ra	4.8	0.2	6.5	390
FMT-A-1026	1026	0.18	140		9.6	0.4		780
FMT-A-1524	1524	0.25	210		14.4	0.6		1170
FMT-A-2022	2022	0.33	280		19.2	0.8		1560

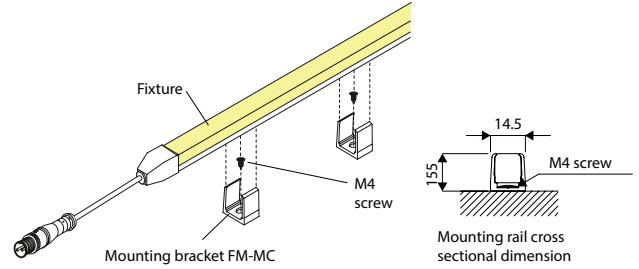
Other size possible upon request. Please check order made size table.

Installation

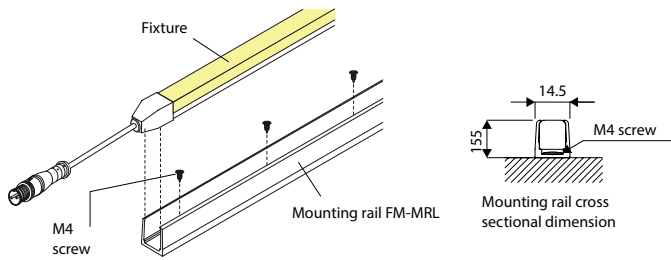
Mounting clip installation



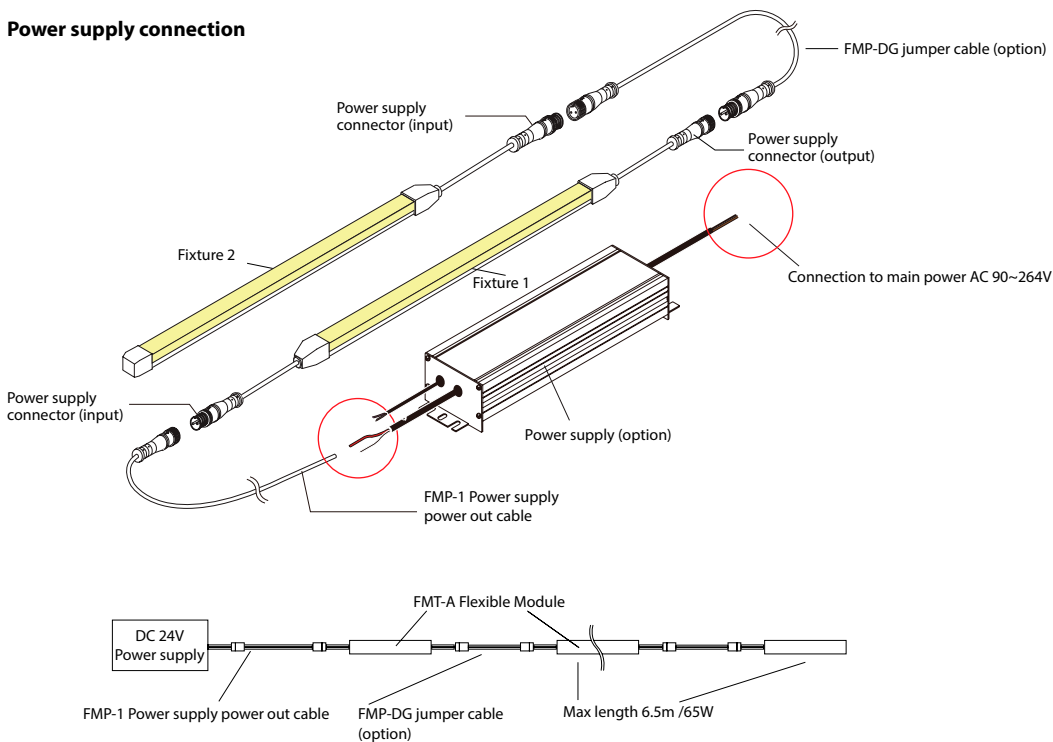
Mounting bracket installation



Mounting rail installation



Power supply connection



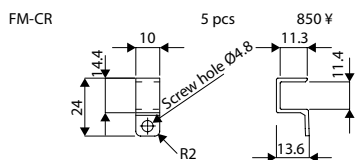
Order made sizes

Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FMT-A-80	80	0.04	7	0.48	0.02	39
FMT-A-130	130	0.04	14	0.96	0.04	78
FMT-A-179	179	0.05	21	1.44	0.06	117
FMT-A-229	229	0.06	28	1.92	0.08	156
FMT-A-279	279	0.07	35	2.4	0.10	195
FMT-A-329	329	0.07	42	2.88	0.12	234
FMT-A-379	379	0.08	49	3.36	0.14	273
FMT-A-428	428	0.09	56	3.84	0.16	312
FMT-A-478	478	0.09	63	4.32	0.18	351
FMT-A-528	528	0.10	70	4.8	0.20	390
FMT-A-578	578	0.11	77	5.28	0.22	429
FMT-A-628	628	0.12	84	5.76	0.24	468
FMT-A-677	677	0.12	91	6.24	0.26	507
FMT-A-727	727	0.13	98	6.72	0.28	546
FMT-A-777	777	0.14	105	7.2	0.30	585
FMT-A-827	827	0.15	112	7.68	0.32	624
FMT-A-877	877	0.15	119	8.16	0.34	663
FMT-A-926	926	0.16	126	8.64	0.36	702
FMT-A-976	976	0.17	133	9.12	0.38	741
FMT-A-1026	1026	0.18	140	9.6	0.40	780
FMT-A-1076	1076	0.18	147	10.08	0.42	819
FMT-A-1126	1126	0.19	154	10.56	0.44	858
FMT-A-1175	1175	0.20	161	11.04	0.46	897
FMT-A-1225	1225	0.21	168	11.52	0.48	936
FMT-A-1275	1275	0.21	175	12	0.50	975
FMT-A-1325	1325	0.22	182	12.48	0.52	1014
FMT-A-1375	1375	0.23	189	12.96	0.54	1053
FMT-A-1424	1424	0.24	196	13.44	0.56	1092
FMT-A-1474	1474	0.24	203	13.92	0.58	1131
FMT-A-1524	1524	0.25	210	14.4	0.60	1170
FMT-A-1574	1574	0.26	217	14.88	0.62	1209
FMT-A-1624	1624	0.27	224	15.36	0.64	1248
FMT-A-1673	1673	0.27	231	15.84	0.66	1287
FMT-A-1723	1723	0.28	238	16.32	0.68	1326
FMT-A-1773	1773	0.29	245	16.8	0.70	1365
FMT-A-1823	1823	0.30	252	17.28	0.72	1404
FMT-A-1873	1873	0.30	259	17.76	0.74	1443
FMT-A-1922	1922	0.31	266	18.24	0.76	1482
FMT-A-1972	1972	0.32	273	18.72	0.78	1521
FMT-A-2022	2022	0.33	280	19.2	0.80	1560
FMT-A-2072	2072	0.33	287	19.68	0.82	1599
FMT-A-2122	2122	0.34	294	20.16	0.84	1638
FMT-A-2171	2171	0.35	301	20.64	0.86	1677
FMT-A-2221	2221	0.35	308	21.12	0.88	1716
FMT-A-2271	2271	0.36	315	21.6	0.90	1755
FMT-A-2321	2321	0.37	322	22.08	0.92	1794
FMT-A-2371	2371	0.38	329	22.56	0.94	1833
FMT-A-2420	2420	0.38	336	23.04	0.96	1872
FMT-A-2470	2470	0.39	343	23.52	0.98	1911
FMT-A-2520	2520	0.40	350	24	1.00	1950
FMT-A-2570	2570	0.41	357	24.48	1.02	1989
FMT-A-2620	2620	0.41	364	24.96	1.04	2028
FMT-A-2669	2669	0.42	371	25.44	1.06	2067
FMT-A-2719	2719	0.43	378	25.92	1.08	2106
FMT-A-2769	2769	0.44	385	26.4	1.10	2145
FMT-A-2819	2819	0.44	392	26.88	1.12	2184
FMT-A-2869	2869	0.45	399	27.36	1.14	2223
FMT-A-2918	2918	0.46	406	27.84	1.16	2262
FMT-A-2968	2968	0.47	413	28.32	1.18	2301
FMT-A-3018	3018	0.47	420	28.8	1.20	2340
FMT-A-3068	3068	0.48	427	29.28	1.22	2379
FMT-A-3118	3118	0.49	434	29.76	1.24	2418
FMT-A-3167	3167	0.50	441	30.24	1.26	2457
FMT-A-3217	3217	0.50	448	30.72	1.28	2496
FMT-A-3267	3267	0.51	455	31.2	1.30	2535

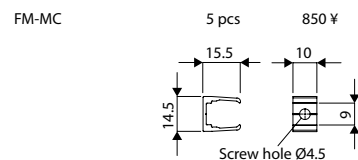
Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FMT-A-3317	3317	0.52	462	31.68	1.32	2574
FMT-A-3367	3367	0.53	469	32.16	1.34	2613
FMT-A-3416	3416	0.53	476	32.64	1.36	2652
FMT-A-3466	3466	0.54	483	33.12	1.38	2691
FMT-A-3516	3516	0.55	490	33.6	1.40	2730
FMT-A-3566	3566	0.56	497	34.08	1.42	2769
FMT-A-3616	3616	0.56	504	34.56	1.44	2808
FMT-A-3665	3665	0.57	511	35.04	1.46	2847
FMT-A-3715	3715	0.58	518	35.52	1.48	2886
FMT-A-3765	3765	0.58	525	36	1.50	2925
FMT-A-3815	3815	0.59	532	36.48	1.52	2964
FMT-A-3865	3865	0.60	539	36.96	1.54	3003
FMT-A-3914	3914	0.61	546	37.44	1.56	3042
FMT-A-3964	3964	0.61	553	37.92	1.58	3081
FMT-A-4014	4014	0.62	560	38.4	1.60	3120
FMT-A-4064	4064	0.63	567	38.88	1.62	3159
FMT-A-4114	4114	0.64	574	39.36	1.64	3198
FMT-A-4163	4163	0.64	581	39.84	1.66	3237
FMT-A-4213	4213	0.65	588	40.32	1.68	3276
FMT-A-4263	4263	0.66	595	40.8	1.70	3315
FMT-A-4313	4313	0.67	602	41.28	1.72	3354
FMT-A-4363	4363	0.67	609	41.76	1.74	3393
FMT-A-4412	4412	0.68	616	42.24	1.76	3432
FMT-A-4462	4462	0.69	623	42.72	1.78	3471
FMT-A-4512	4512	0.70	630	43.2	1.80	3510
FMT-A-4562	4562	0.70	637	43.68	1.82	3549
FMT-A-4612	4612	0.71	644	44.16	1.84	3588
FMT-A-4661	4661	0.72	651	44.64	1.86	3627
FMT-A-4711	4711	0.73	658	45.12	1.88	3666
FMT-A-4761	4761	0.73	665	45.6	1.90	3705
FMT-A-4811	4811	0.74	672	46.08	1.92	3744
FMT-A-4861	4861	0.75	679	46.56	1.94	3783
FMT-A-4910	4910	0.76	686	47.04	1.96	3822
FMT-A-4960	4960	0.76	693	47.52	1.98	3861
FMT-A-5010	5010	0.77	700	48	2.00	3900
FMT-A-5060	5060	0.78	707	48.48	2.02	3939
FMT-A-5110	5110	0.79	714	48.96	2.04	3978
FMT-A-5159	5159	0.79	721	49.44	2.06	4017
FMT-A-5209	5209	0.80	728	49.92	2.08	4056
FMT-A-5259	5259	0.81	735	50.4	2.10	4095
FMT-A-5309	5309	0.81	742	50.88	2.12	4134
FMT-A-5359	5359	0.82	749	51.36	2.14	4173
FMT-A-5408	5408	0.83	756	51.84	2.16	4212
FMT-A-5458	5458	0.84	763	52.32	2.18	4251
FMT-A-5508	5508	0.84	770	52.8	2.20	4290
FMT-A-5558	5558	0.85	777	53.28	2.22	4329
FMT-A-5608	5608	0.86	784	53.76	2.24	4368
FMT-A-5657	5657	0.87	791	54.24	2.26	4407
FMT-A-5707	5707	0.87	798	54.72	2.28	4446
FMT-A-5757	5757	0.88	805	55.2	2.30	4485
FMT-A-5807	5807	0.89	812	55.68	2.32	4524
FMT-A-5857	5857	0.90	819	56.16	2.34	4563
FMT-A-5906	5906	0.90	826	56.64	2.36	4602
FMT-A-5956	5956	0.91	833	57.12	2.38	4641
FMT-A-6006	6006	0.92	840	57.6	2.40	4680
FMT-A-6056	6056	0.93	847	58.08	2.42	4719
FMT-A-6106	6106	0.93	854	58.56	2.44	4758
FMT-A-6155	6155	0.94	861	59.04	2.46	4797
FMT-A-6205	6205	0.95	868	59.52	2.48	4836
FMT-A-6255	6255	0.96	875	60	2.50	4875
FMT-A-6305	6305	0.96	882	60.48	2.52	4914
FMT-A-6355	6355	0.97	889	60.96	2.54	4953
FMT-A-6404	6404	0.98	896	61.44	2.56	4992
FMT-A-6454	6454	0.99	903	61.92	2.58	5031
FMT-A-6494	6494	0.99	910	62.4	2.60	5070

Option parts

Mounting bracket FM-CR



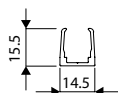
Mounting clip FM-MC



Mounting rail FM-MRL



FM-MRL-450	450mm	1 pcs	1500 ¥
FM-MRL-950	950mm	1 pcs	2000 ¥
FM-MRL-1450	1450mm	1 pcs	2500 ¥
FM-MRL-1950	1950mm	1 pcs	3000 ¥



Jumper cable FMP-DG



FMP-DG	3000 mm	1 pcs	3500 ¥
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Power supply out cable FMP-1



FMP-1	500mm	1 pcs	2500 ¥
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Power supply in lead cable FMP-2



FMP-2	500mm	1 pcs	2500 ¥
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Power supply unit (OSRAM OT)



OT30/100-200-24-T	30W	1 pcs	Open price
OT60/100-200-24-T	60W	1 pcs	Open price
OT90/100-200-24-T	90W	1 pcs	Open price
OT150/100-200-24-T	150W	1 pcs	Open price

Input AC90~240V, output DC24V.
Comply with CE, UL, PSE standards. IP 66 water proof rating.

DC 24V dimmer FMC-24S/R



FMC-24S/R	1 pcs	34500 ¥
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Available in 3 colors:



DC 24V simple dimmer FSD-24

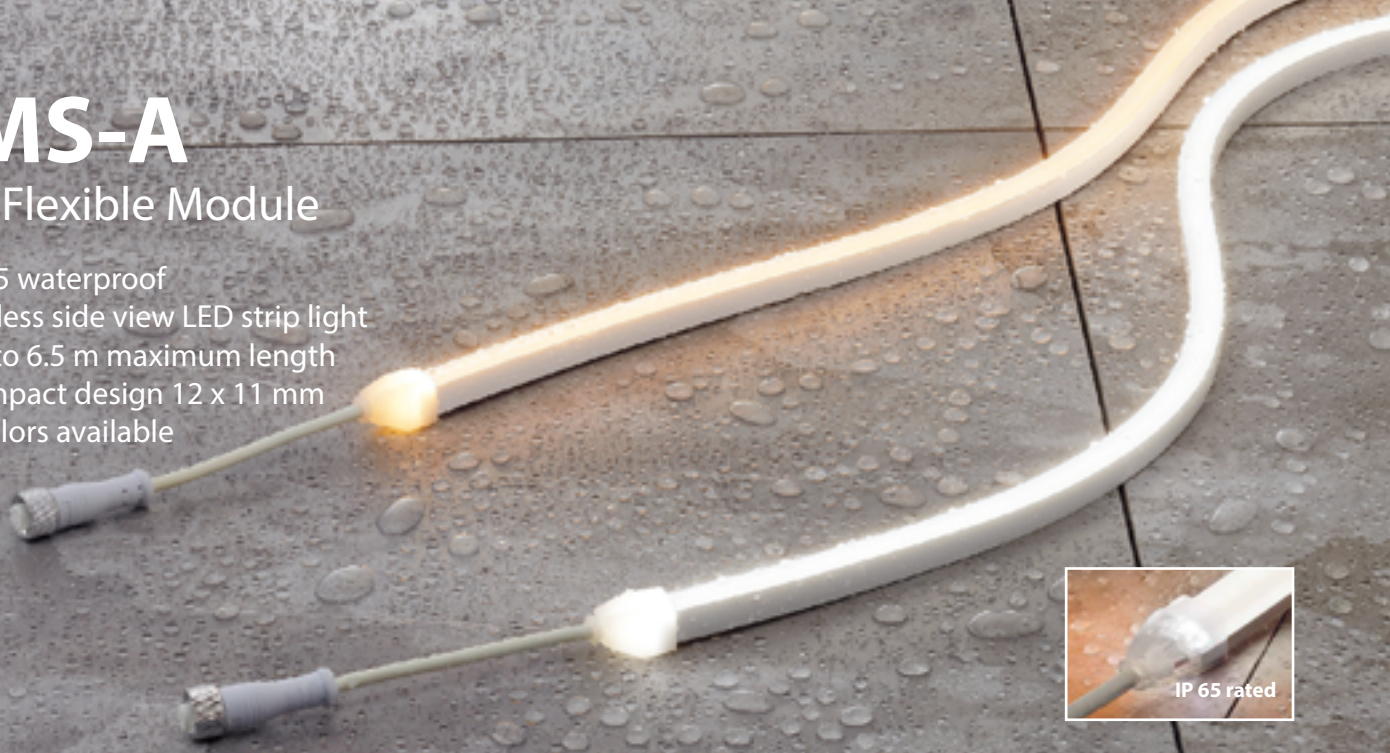


FSD-24	1 pcs	9900 ¥
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FMS-A

LED Flexible Module

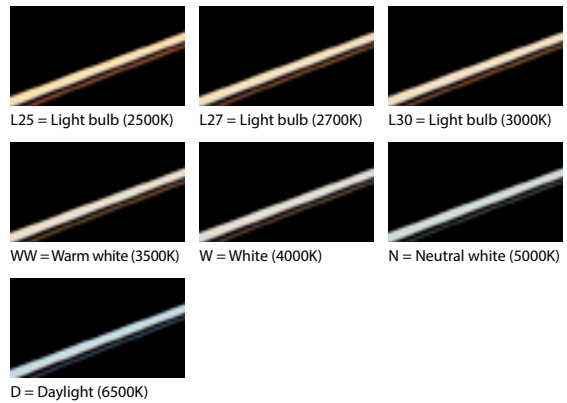
- IP 65 waterproof
- Dotless side view LED strip light
- Up to 6.5 m maximum length
- Compact design 12 x 11 mm
- 7 colors available



FMS-A- 1026- N - K

- | | | | |
|------------------|---|---|---|
| 1 | 2 | 3 | 4 |
| 1 Fixture name : | FMS-A= LED Flexible Module Flare Line Mini Side Outdoor | | |
| 2 Length : | 528, 1026, 1524, 2022, 2520, 3018, 3516, 4014, 4512, 5010, 5508, 6006, 6494 (other size possible) | | |
| 3 LED color : | L25 = Light bulb (2500K)
L27 = Light bulb (2700K)
L30 = Light bulb (3000K)
WW = Warm white (3500K)
W = White (4000K)
N = Neutral white (5000K)
D = Daylight (6500K) | | |
| 4 Connector : | R = both sides connector
K = one side connector | | |

Color temperature CCT

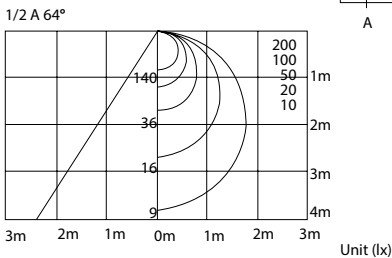


- | | |
|----------------------------|---|
| Environment of use : | outdoor accent / architectural lighting |
| Maximum length in series : | 6500mm |
| Driver : | DC 24V |

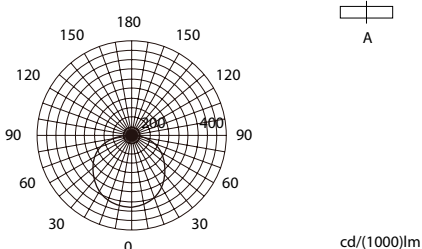
Photometric data

Measured fixture: FMS-A-1026

Light Intensity distribution

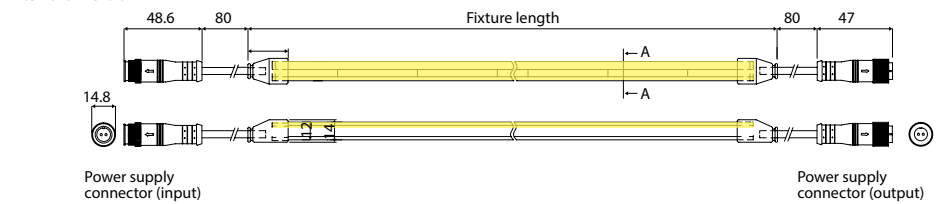


Candlepower Distribution

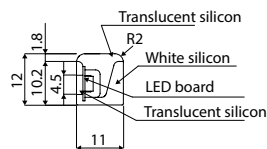


Dimensions

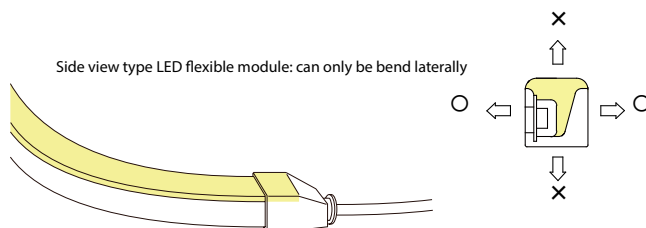
External dimension



Cross sectional view A-A



Bending direction



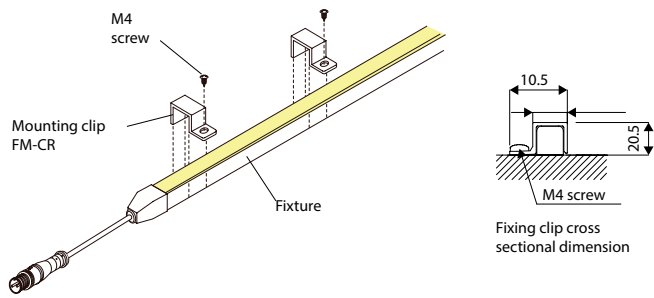
DC 24V standard specifications

Reference	Length (mm)	Weight (kg)	Number of LED	CRI (Ra)	Watts (W)	Amps (A)	Maximum length (m)	Luminous flux (lm)
FMS-A-528	528	0.10	70	> 80 Ra	4.8	0.2	6.5	230
FMS-A-1026	1026	0.18	140		9.6	0.4		460
FMS-A-1524	1524	0.25	210		14.4	0.6		690
FMS-A-2022	2022	0.33	280		19.2	0.8		920

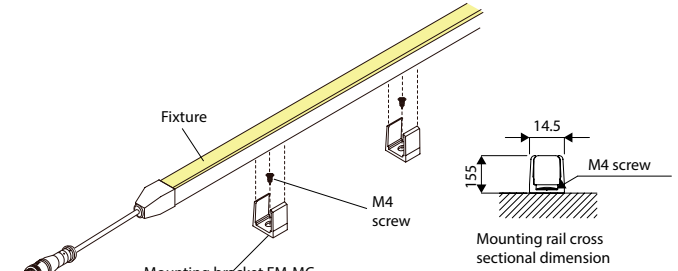
Other size possible upon request. Please check order made size table.

Installation

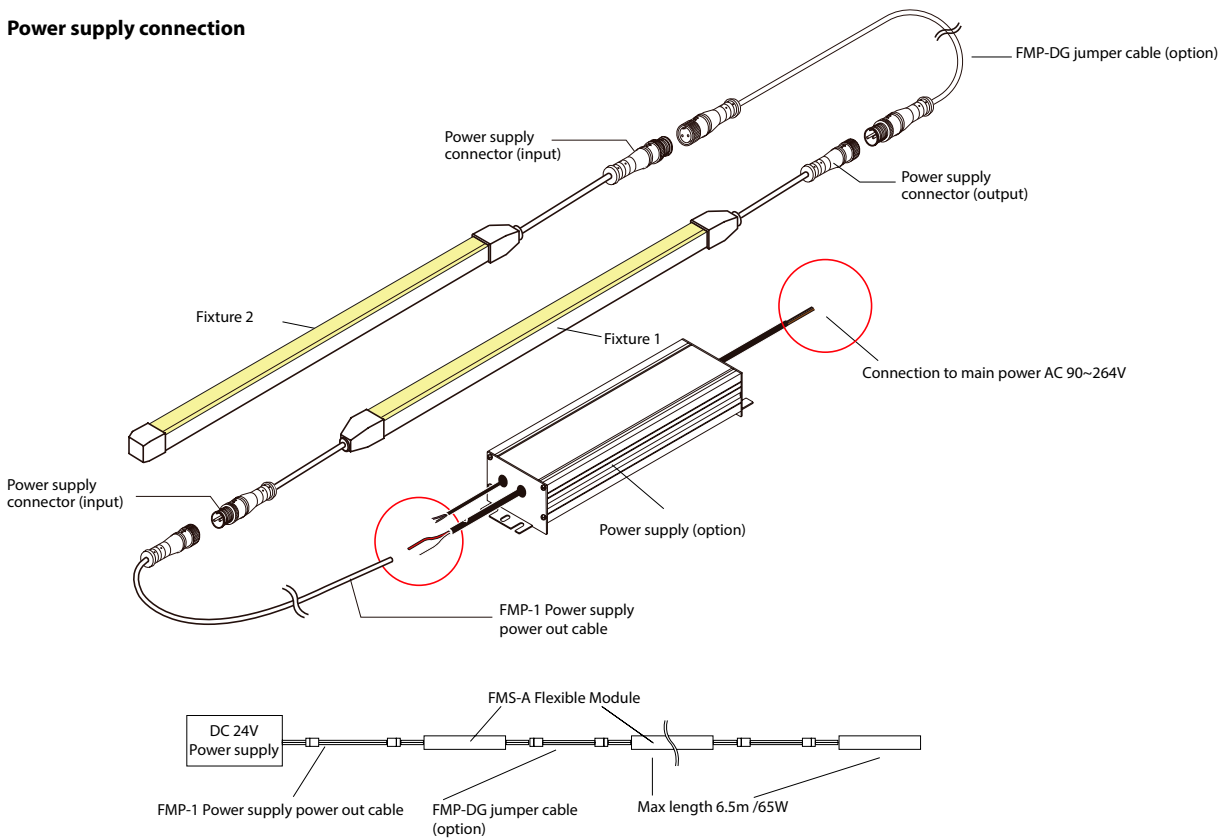
Mounting clip installation



Mounting bracket installation



Power supply connection



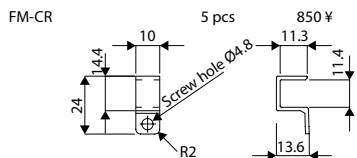
Order made sizes

Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FMS-A-80	80	0.04	7	0.48	0.02	23
FMS-A-130	130	0.04	14	0.96	0.04	46
FMS-A-179	179	0.05	21	1.44	0.06	69
FMS-A-229	229	0.06	28	1.92	0.08	92
FMS-A-279	279	0.07	35	2.4	0.10	115
FMS-A-329	329	0.07	42	2.88	0.12	138
FMS-A-379	379	0.08	49	3.36	0.14	161
FMS-A-428	428	0.09	56	3.84	0.16	184
FMS-A-478	478	0.09	63	4.32	0.18	207
FMS-A-528	528	0.10	70	4.8	0.20	230
FMS-A-578	578	0.11	77	5.28	0.22	253
FMS-A-628	628	0.12	84	5.76	0.24	276
FMS-A-677	677	0.12	91	6.24	0.26	299
FMS-A-727	727	0.13	98	6.72	0.28	322
FMS-A-777	777	0.14	105	7.2	0.30	345
FMS-A-827	827	0.15	112	7.68	0.32	368
FMS-A-877	877	0.15	119	8.16	0.34	391
FMS-A-926	926	0.16	126	8.64	0.36	414
FMS-A-976	976	0.17	133	9.12	0.38	437
FMS-A-1026	1026	0.18	140	9.6	0.40	460
FMS-A-1076	1076	0.18	147	10.08	0.42	483
FMS-A-1126	1126	0.19	154	10.56	0.44	506
FMS-A-1175	1175	0.20	161	11.04	0.46	529
FMS-A-1225	1225	0.21	168	11.52	0.48	552
FMS-A-1275	1275	0.21	175	12	0.50	575
FMS-A-1325	1325	0.22	182	12.48	0.52	598
FMS-A-1375	1375	0.23	189	12.96	0.54	621
FMS-A-1424	1424	0.24	196	13.44	0.56	644
FMS-A-1474	1474	0.24	203	13.92	0.58	667
FMS-A-1524	1524	0.25	210	14.4	0.60	690
FMS-A-1574	1574	0.26	217	14.88	0.62	713
FMS-A-1624	1624	0.27	224	15.36	0.64	736
FMS-A-1673	1673	0.27	231	15.84	0.66	759
FMS-A-1723	1723	0.28	238	16.32	0.68	782
FMS-A-1773	1773	0.29	245	16.8	0.70	805
FMS-A-1823	1823	0.30	252	17.28	0.72	828
FMS-A-1873	1873	0.30	259	17.76	0.74	851
FMS-A-1922	1922	0.31	266	18.24	0.76	874
FMS-A-1972	1972	0.32	273	18.72	0.78	897
FMS-A-2022	2022	0.33	280	19.2	0.80	920
FMS-A-2072	2072	0.33	287	19.68	0.82	943
FMS-A-2122	2122	0.34	294	20.16	0.84	966
FMS-A-2171	2171	0.35	301	20.64	0.86	989
FMS-A-2221	2221	0.35	308	21.12	0.88	1012
FMS-A-2271	2271	0.36	315	21.6	0.90	1035
FMS-A-2321	2321	0.37	322	22.08	0.92	1058
FMS-A-2371	2371	0.38	329	22.56	0.94	1081
FMS-A-2420	2420	0.38	336	23.04	0.96	1104
FMS-A-2470	2470	0.39	343	23.52	0.98	1127
FMS-A-2520	2520	0.40	350	24	1.00	1150
FMS-A-2570	2570	0.41	357	24.48	1.02	1173
FMS-A-2620	2620	0.41	364	24.96	1.04	1196
FMS-A-2669	2669	0.42	371	25.44	1.06	1219
FMS-A-2719	2719	0.43	378	25.92	1.08	1242
FMS-A-2769	2769	0.44	385	26.4	1.10	1265
FMS-A-2819	2819	0.44	392	26.88	1.12	1288
FMS-A-2869	2869	0.45	399	27.36	1.14	1311
FMS-A-2918	2918	0.46	406	27.84	1.16	1334
FMS-A-2968	2968	0.47	413	28.32	1.18	1357
FMS-A-3018	3018	0.47	420	28.8	1.20	1380
FMS-A-3068	3068	0.48	427	29.28	1.22	1403
FMS-A-3118	3118	0.49	434	29.76	1.24	1426
FMS-A-3167	3167	0.50	441	30.24	1.26	1449
FMS-A-3217	3217	0.50	448	30.72	1.28	1472
FMS-A-3267	3267	0.51	455	31.2	1.30	1495

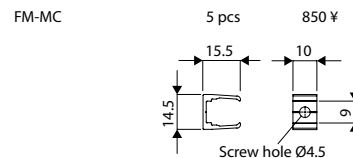
Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FMS-A-3317	3317	0.52	462	31.68	1.32	1518
FMS-A-3367	3367	0.53	469	32.16	1.34	1541
FMS-A-3416	3416	0.53	476	32.64	1.36	1564
FMS-A-3466	3466	0.54	483	33.12	1.38	1587
FMS-A-3516	3516	0.55	490	33.6	1.40	1610
FMS-A-3566	3566	0.56	497	34.08	1.42	1633
FMS-A-3616	3616	0.56	504	34.56	1.44	1656
FMS-A-3665	3665	0.57	511	35.04	1.46	1679
FMS-A-3715	3715	0.58	518	35.52	1.48	1702
FMS-A-3765	3765	0.58	525	36	1.50	1725
FMS-A-3815	3815	0.59	532	36.48	1.52	1748
FMS-A-3865	3865	0.60	539	36.96	1.54	1771
FMS-A-3914	3914	0.61	546	37.44	1.56	1794
FMS-A-3964	3964	0.61	553	37.92	1.58	1817
FMS-A-4014	4014	0.62	560	38.4	1.60	1840
FMS-A-4064	4064	0.63	567	38.88	1.62	1863
FMS-A-4114	4114	0.64	574	39.36	1.64	1886
FMS-A-4163	4163	0.64	581	39.84	1.66	1909
FMS-A-4213	4213	0.65	588	40.32	1.68	1932
FMS-A-4263	4263	0.66	595	40.8	1.70	1955
FMS-A-4313	4313	0.67	602	41.28	1.72	1978
FMS-A-4363	4363	0.67	609	41.76	1.74	2001
FMS-A-4412	4412	0.68	616	42.24	1.76	2024
FMS-A-4462	4462	0.69	623	42.72	1.78	2047
FMS-A-4512	4512	0.70	630	43.2	1.80	2070
FMS-A-4562	4562	0.70	637	43.68	1.82	2093
FMS-A-4612	4612	0.71	644	44.16	1.84	2116
FMS-A-4661	4661	0.72	651	44.64	1.86	2139
FMS-A-4711	4711	0.73	658	45.12	1.88	2162
FMS-A-4761	4761	0.73	665	45.6	1.90	2185
FMS-A-4811	4811	0.74	672	46.08	1.92	2208
FMS-A-4861	4861	0.75	679	46.56	1.94	2231
FMS-A-4910	4910	0.76	686	47.04	1.96	2254
FMS-A-4960	4960	0.76	693	47.52	1.98	2277
FMS-A-5010	5010	0.77	700	48	2.00	2300
FMS-A-5060	5060	0.78	707	48.48	2.02	2323
FMS-A-5110	5110	0.79	714	48.96	2.04	2346
FMS-A-5159	5159	0.79	721	49.44	2.06	2369
FMS-A-5209	5209	0.80	728	49.92	2.08	2392
FMS-A-5259	5259	0.81	735	50.4	2.10	2415
FMS-A-5309	5309	0.81	742	50.88	2.12	2438
FMS-A-5359	5359	0.82	749	51.36	2.14	2461
FMS-A-5408	5408	0.83	756	51.84	2.16	2484
FMS-A-5458	5458	0.84	763	52.32	2.18	2507
FMS-A-5508	5508	0.84	770	52.8	2.20	2530
FMS-A-5558	5558	0.85	777	53.28	2.22	2553
FMS-A-5608	5608	0.86	784	53.76	2.24	2576
FMS-A-5657	5657	0.87	791	54.24	2.26	2599
FMS-A-5707	5707	0.87	798	54.72	2.28	2622
FMS-A-5757	5757	0.88	805	55.2	2.30	2645
FMS-A-5807	5807	0.89	812	55.68	2.32	2668
FMS-A-5857	5857	0.90	819	56.16	2.34	2691
FMS-A-5906	5906	0.90	826	56.64	2.36	2714
FMS-A-5956	5956	0.91	833	57.12	2.38	2737
FMS-A-6006	6006	0.92	840	57.6	2.40	2760
FMS-A-6056	6056	0.93	847	58.08	2.42	2783
FMS-A-6106	6106	0.93	854	58.56	2.44	2806
FMS-A-6155	6155	0.94	861	59.04	2.46	2829
FMS-A-6205	6205	0.95	868	59.52	2.48	2852
FMS-A-6255	6255	0.96	875	60	2.50	2875
FMS-A-6305	6305	0.96	882	60.48	2.52	2898
FMS-A-6355	6355	0.97	889	60.96	2.54	2921
FMS-A-6404	6404	0.98	896	61.44	2.56	2944
FMS-A-6454	6454	0.99	903	61.92	2.58	2967
FMS-A-6494	6494	0.99	910	62.4	2.60	2990

Option parts

Mounting bracket FM-CR



Mounting clip FM-MC



Jumper cable FMP-DG



FMP-DG 3000 mm 1 pcs 3500 ¥

Power supply out cable FMP-1



FMP-1 500mm 1 pcs 2500 ¥

Power supply in lead cable FMP-2



FMP-2 500mm 1 pcs 2500 ¥

Power supply unit (OSRAM OT)



OT30/100-200-24-T	30W	1 pcs	Open price
OT60/100-200-24-T	60W	1 pcs	Open price
OT90/100-200-24-T	90W	1 pcs	Open price
OT150/100-200-24-T	150W	1 pcs	Open price

Input AC90~240V, output DC24V.
Comply with CE, UL, PSE standards. IP 66 water proof rating.

DC 24V dimmer FMC-24S/R

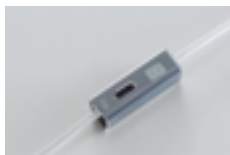


FMC-24S/R 1 pcs 34500 ¥

Available in 3 colors:



DC 24V simple dimmer FSD-24



FSD-24 1 pcs 9900 ¥

FLT-2A

LED Flexible Module

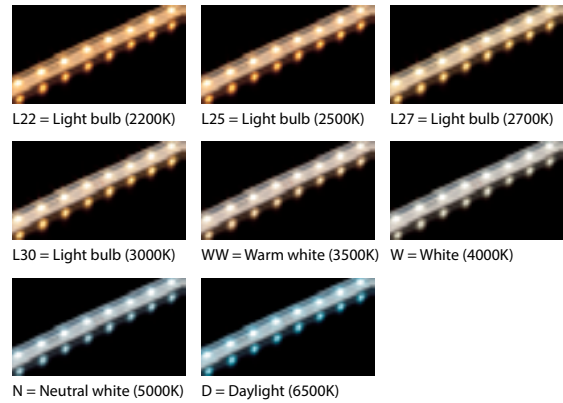
- IP 65 waterproof
- High beam effect efficiency
- Up to 8 m maximum length
- Low temperature



FLT-2A - 1018 - N - K

- 1 Fixture name : FLT-2A= LED Flexible Module FLare Line Clear Outdoor
- 2 Length : 520, 1018, 1516, 2014 (other size possible)
- 3 LED color : L22 = Light bulb (2200K)
L25 = Light bulb (2500K)
L27 = Light bulb (2700K)
L30 = Light bulb (3000K)
WW = Warm white (3500K)
W = White (4000K)
N = Neutral white (5000K)
D = Daylight (6500K)
- 4 Connector: None = standard/K = one end connector
- Environment of use : outdoor accent / architectural lighting
- Maximum length in series : 8m (7970mm)
- Driver : DC 24V

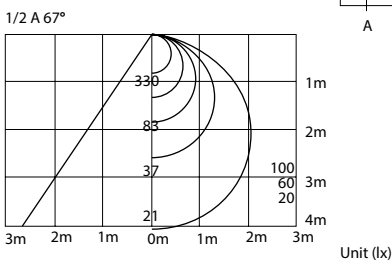
Color temperature CCT



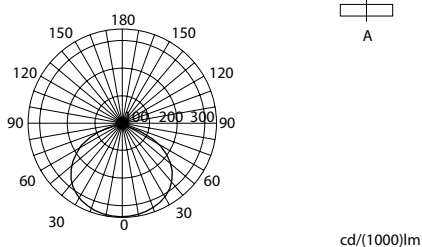
Photometric data

Measured fixture: FLT-2A-1018-N

Light Intensity distribution



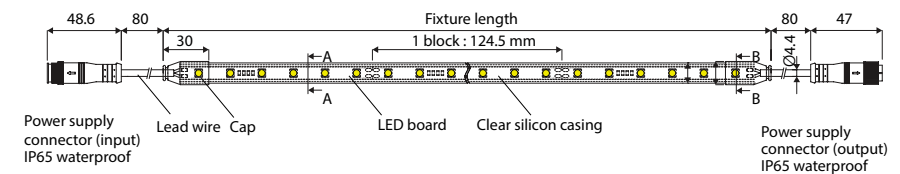
Candlepower Distribution



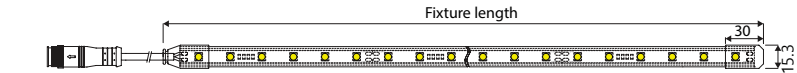
Dimensions

Unit (mm)

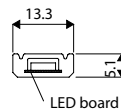
External dimension (standard)



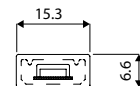
External dimension (K: one end connector)



Cross sectional view A-A



Cross sectional view B-B



DC 24V standard specifications

Reference	Length (mm)	Weight (kg)	Number of LED	CRI (Ra)	Watts (W)	Amps (A)	Maximum length (m)	Luminous flux (lm)
FLT-2A-520	520	0.06	24	> 80 Ra	4.4	0.19	8	490
FLT-2A-1018	1018	0.10	48		8.9	0.37		980
FLT-2A-1516	1516	0.13	72		13.1	0.55		1470
FLT-2A-2014	2014	0.17	96		17.3	0.72		1960

Order made sizes

Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FLT-2A-147	147	0.03	6	1.1	0.046	123
FLT-2A-271	271	0.04	12	2.2	0.093	245
FLT-2A-396	396	0.05	18	3.3	0.139	368
FLT-2A-520	520	0.06	24	4.4	0.185	490
FLT-2A-645	645	0.06	30	5.6	0.231	613
FLT-2A-769	769	0.08	36	6.7	0.278	735
FLT-2A-894	894	0.09	42	7.8	0.324	858
FLT-2A-1018	1018	0.10	48	8.9	0.370	980
FLT-2A-1143	1143	0.10	54	9.9	0.414	1103
FLT-2A-1267	1267	0.11	60	11.0	0.458	1225
FLT-2A-1392	1392	0.12	66	12.0	0.501	1348
FLT-2A-1516	1516	0.13	72	13.1	0.545	1470
FLT-2A-1641	1641	0.14	78	14.1	0.589	1589
FLT-2A-1765	1765	0.15	84	15.2	0.633	1709
FLT-2A-1890	1890	0.16	90	16.2	0.676	1828
FLT-2A-2014	2014	0.17	96	17.3	0.720	1908
FLT-2A-2139	2139	0.18	102	18.3	0.763	2023
FLT-2A-2263	2263	0.18	108	19.4	0.807	2137
FLT-2A-2388	2388	0.19	114	20.4	0.850	2252
FLT-2A-2512	2512	0.20	120	21.4	0.894	2367
FLT-2A-2637	2637	0.21	126	23.5	0.937	2481
FLT-2A-2761	2761	0.22	132	24.6	0.980	2596
FLT-2A-2886	2886	0.23	138	25.6	1.024	2710
FLT-2A-3010	3010	0.24	144	25.6	1.067	2825
FLT-2A-3135	3135	0.25	150	26.6	1.108	2935
FLT-2A-3259	3259	0.25	156	27.6	1.150	3045
FLT-2A-3384	3384	0.26	162	28.6	1.191	3155
FLT-2A-3508	3508	0.27	168	29.6	1.232	3266
FLT-2A-3633	3633	0.28	174	30.6	1.315	3376
FLT-2A-3757	3757	0.29	180	31.5	1.356	3486
FLT-2A-3882	3882	0.30	186	32.5	1.397	3596
FLT-2A-4006	4006	0.31	192	33.5	1.397	3706

Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FLT-2A-4131	4131	0.32	198	34.5	1.437	3814
FLT-2A-4255	4255	0.32	204	35.4	1.476	3921
FLT-2A-4380	4380	0.33	210	36.4	1.516	4029
FLT-2A-4504	4504	0.34	216	37.3	1.555	4136
FLT-2A-4629	4629	0.35	222	38.3	1.595	4244
FLT-2A-4753	4753	0.36	228	39.2	1.634	4351
FLT-2A-4878	4878	0.37	234	40.2	1.674	4459
FLT-2A-5002	5002	0.38	240	41.1	1.714	4566
FLT-2A-5127	5127	0.39	246	42.0	1.752	4673
FLT-2A-5251	5251	0.40	252	43.0	1.790	4780
FLT-2A-5376	5376	0.40	258	43.9	1.828	4887
FLT-2A-5500	5500	0.41	264	44.8	1.866	4994
FLT-2A-5625	5625	0.42	270	45.7	1.904	5100
FLT-2A-5749	5749	0.43	276	46.6	1.942	5207
FLT-2A-5874	5874	0.44	282	47.5	1.980	5314
FLT-2A-5998	5998	0.45	288	48.4	2.018	5421
FLT-2A-6123	6123	0.46	294	49.3	2.054	5525
FLT-2A-6247	6247	0.47	300	50.2	2.090	5628
FLT-2A-6372	6372	0.47	306	51.0	2.126	5732
FLT-2A-6496	6496	0.48	312	51.9	2.163	5836
FLT-2A-6621	6621	0.49	318	52.8	2.199	5939
FLT-2A-6745	6745	0.50	324	53.6	2.235	6043
FLT-2A-6870	6870	0.51	330	54.5	2.271	6146
FLT-2A-6994	6994	0.52	336	55.4	2.308	6250
FLT-2A-7119	7119	0.53	342	56.3	2.344	6349
FLT-2A-7243	7243	0.54	348	57.1	2.380	6448
FLT-2A-7368	7368	0.54	354	58.0	2.416	6547
FLT-2A-7492	7492	0.55	360	58.9	2.453	6646
FLT-2A-7617	7617	0.56	366	59.7	2.489	6745
FLT-2A-7741	7741	0.57	372	60.6	2.525	6844
FLT-2A-7866	7866	0.58	378	61.5	2.561	6943
FLT-2A-7990	7990	0.59	384	62.3	2.598	7042

* Maximum length 8m. If you want to connect more than 8m, please connect the system in parallel.
 * Standard sizes. For other dimensions, please contact us.

FLT-3A

LED Flexible Module

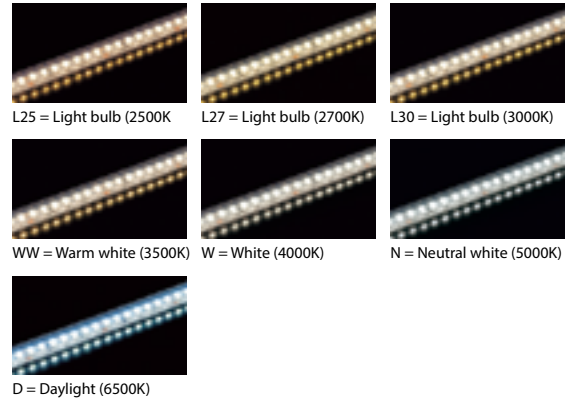
- IP 65 waterproof
- High luminosity
- Up to 6.5 m maximum length
- Low temperature



FLT-3A - 1016 - N - K

- 1 Fixture name : FLT-3A= LED Flexible Module FLare Line Clear Outdoor
- 2 Length : 518, 1016, 1514, 2012 (other size possible)
- 3 LED color : L25 = Light bulb (2500K)
L27 = Light bulb (2700K)
L30 = Light bulb (3000K)
WW = Warm white (3500K)
W = White (4000K)
N = Neutral white (5000K)
D = Daylight (6500K)
None = standard/K = one end connector
- 4 Connector: None = standard/K = one end connector
- Environment of use : outdoor accent / architectural lighting
- Maximum length in series : 6.5m (6489mm)
- Driver : DC 24V

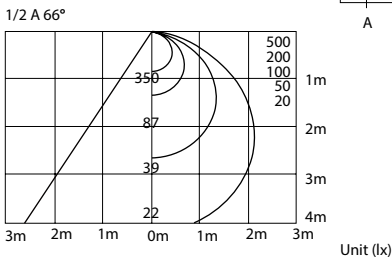
Color temperature CCT



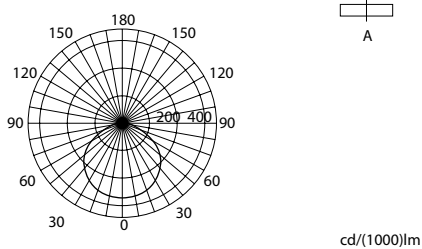
Photometric data

Measured fixture: FLT-3A-1016-N

Light Intensity distribution



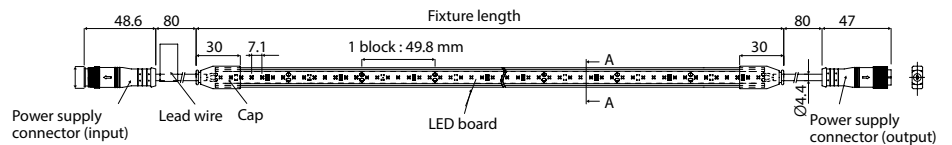
Candlepower Distribution



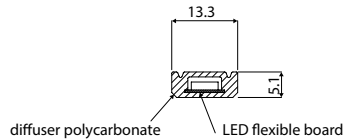
Dimensions

Unit (mm)

External dimension



Cross sectional view A-A



Order made sizes

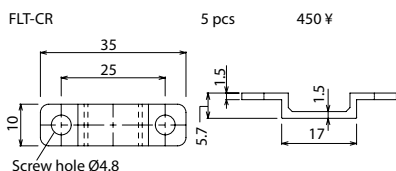
Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FLT-3A-70	70	0.024	7	0.5	0.02	53
FLT-3A-120	120	0.049	14	1.0	0.04	106
FLT-3A-169	169	0.073	21	1.4	0.06	159
FLT-3A-219	219	0.098	28	1.9	0.08	212
FLT-3A-269	269	0.122	35	2.4	0.10	265
FLT-3A-319	319	0.146	42	2.9	0.12	318
FLT-3A-369	369	0.171	49	3.4	0.14	371
FLT-3A-418	418	0.195	56	3.8	0.16	424
FLT-3A-468	468	0.220	63	4.3	0.18	477
FLT-3A-518	518	0.244	70	4.8	0.20	530
FLT-3A-568	568	0.268	77	5.3	0.22	583
FLT-3A-618	618	0.293	84	5.8	0.24	636
FLT-3A-667	667	0.317	91	6.2	0.26	689
FLT-3A-717	717	0.342	98	6.7	0.28	742
FLT-3A-767	767	0.366	105	7.2	0.30	795
FLT-3A-817	817	0.390	112	7.7	0.32	848
FLT-3A-867	867	0.415	119	8.2	0.34	901
FLT-3A-916	916	0.439	126	8.6	0.36	954
FLT-3A-966	966	0.464	133	9.1	0.38	1007
FLT-3A-1016	1016	0.488	140	9.6	0.40	1060
FLT-3A-1066	1066	0.512	147	10.1	0.42	1113
FLT-3A-1116	1116	0.537	154	10.6	0.44	1166
FLT-3A-1165	1165	0.561	161	11.0	0.46	1219
FLT-3A-1215	1215	0.586	168	11.5	0.48	1272
FLT-3A-1265	1265	0.610	175	12.0	0.50	1325
FLT-3A-1315	1315	0.634	182	12.5	0.52	1378
FLT-3A-1365	1365	0.659	189	13.0	0.54	1431
FLT-3A-1414	1414	0.683	196	13.4	0.56	1484
FLT-3A-1464	1464	0.708	203	13.9	0.58	1537
FLT-3A-1514	1514	0.732	210	14.4	0.60	1590
FLT-3A-1564	1564	0.756	217	14.9	0.62	1643
FLT-3A-1614	1614	0.781	224	15.4	0.64	1696
FLT-3A-1663	1663	0.805	231	15.8	0.66	1749
FLT-3A-1713	1713	0.830	238	16.3	0.68	1802
FLT-3A-1763	1763	0.854	245	16.8	0.70	1855
FLT-3A-1813	1813	0.878	252	17.3	0.72	1908
FLT-3A-1863	1863	0.903	259	17.8	0.74	1961
FLT-3A-1912	1912	0.927	266	18.2	0.76	2014
FLT-3A-1962	1962	0.952	273	18.7	0.78	2067
FLT-3A-2012	2012	0.976	280	19.2	0.80	2120
FLT-3A-2062	2062	1.000	287	19.7	0.82	2173
FLT-3A-2112	2112	1.025	294	20.2	0.84	2226
FLT-3A-2161	2161	1.049	301	20.6	0.86	2279
FLT-3A-2211	2211	1.074	308	21.1	0.88	2332
FLT-3A-2261	2261	1.098	315	21.6	0.90	2385
FLT-3A-2311	2311	1.122	322	22.1	0.92	2438
FLT-3A-2361	2361	1.147	329	22.6	0.94	2491
FLT-3A-2410	2410	1.171	336	23.0	0.96	2544
FLT-3A-2460	2460	1.196	343	23.5	0.98	2597
FLT-3A-2510	2510	1.220	350	24.0	1.00	2650
FLT-3A-2560	2560	1.244	357	24.5	1.02	2703
FLT-3A-2610	2610	1.269	364	25.0	1.04	2756
FLT-3A-2659	2659	1.293	371	25.4	1.06	2809
FLT-3A-2709	2709	1.318	378	25.9	1.08	2862
FLT-3A-2759	2759	1.342	385	26.4	1.10	2915
FLT-3A-2809	2809	1.366	392	26.9	1.12	2968
FLT-3A-2859	2859	1.391	399	27.4	1.14	3021
FLT-3A-2908	2908	1.415	406	27.8	1.16	3074
FLT-3A-2958	2958	1.440	413	28.3	1.18	3127
FLT-3A-3008	3008	1.464	420	28.8	1.20	3180
FLT-3A-3058	3058	1.488	427	29.3	1.22	3233
FLT-3A-3108	3108	1.513	434	29.8	1.24	3286
FLT-3A-3157	3157	1.537	441	30.2	1.26	3339
FLT-3A-3207	3207	1.562	448	30.7	1.28	3392
FLT-3A-3257	3257	1.586	455	31.2	1.30	3445

Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FLT-3A-3307	3307	1.610	462	31.7	1.32	3498
FLT-3A-3357	3357	1.635	469	32.2	1.34	3551
FLT-3A-3406	3406	1.659	476	32.6	1.36	3604
FLT-3A-3456	3456	1.684	483	33.1	1.38	3657
FLT-3A-3506	3506	1.708	490	33.6	1.40	3710
FLT-3A-3556	3556	1.732	497	34.1	1.42	3612
FLT-3A-3606	3606	1.757	504	34.6	1.44	3663
FLT-3A-3655	3655	1.781	511	35.0	1.46	3714
FLT-3A-3705	3705	1.806	518	35.5	1.48	3765
FLT-3A-3755	3755	1.830	525	36.0	1.50	3816
FLT-3A-3805	3805	1.854	532	36.5	1.52	3867
FLT-3A-3855	3855	1.879	539	37.0	1.54	3918
FLT-3A-3904	3904	1.903	546	37.4	1.56	3969
FLT-3A-3954	3954	1.928	553	37.9	1.58	4020
FLT-3A-4004	4004	1.952	560	38.4	1.60	4070
FLT-3A-4054	4054	1.976	567	38.9	1.62	4121
FLT-3A-4104	4104	2.001	574	39.4	1.64	4172
FLT-3A-4153	4153	2.025	581	39.8	1.66	4223
FLT-3A-4203	4203	2.050	588	40.3	1.68	4274
FLT-3A-4253	4253	2.074	595	40.8	1.70	4325
FLT-3A-4303	4303	2.098	602	41.3	1.72	4376
FLT-3A-4353	4353	2.123	609	41.8	1.74	4427
FLT-3A-4402	4402	2.147	616	42.2	1.76	4477
FLT-3A-4452	4452	2.172	623	42.7	1.78	4528
FLT-3A-4502	4502	2.196	630	43.2	1.80	4579
FLT-3A-4552	4552	2.220	637	43.7	1.82	4630
FLT-3A-4602	4602	2.245	644	44.2	1.84	4681
FLT-3A-4651	4651	2.269	651	44.6	1.86	4732
FLT-3A-4701	4701	2.294	658	45.1	1.88	4783
FLT-3A-4751	4751	2.318	665	45.6	1.90	4834
FLT-3A-4801	4801	2.342	672	46.1	1.92	4884
FLT-3A-4851	4851	2.367	679	46.6	1.94	4935
FLT-3A-4900	4900	2.391	686	47.0	1.96	4986
FLT-3A-4950	4950	2.416	693	47.5	1.98	5037
FLT-3A-5000	5000	2.440	700	48.0	2.00	5088
FLT-3A-5050	5050	2.464	707	48.5	2.02	5032
FLT-3A-5100	5100	2.489	714	49.0	2.04	5082
FLT-3A-5149	5149	2.513	721	49.4	2.06	5131
FLT-3A-5199	5199	2.538	728	49.9	2.08	5181
FLT-3A-5249	5249	2.562	735	50.4	2.10	5231
FLT-3A-5299	5299	2.586	742	50.9	2.12	5281
FLT-3A-5349	5349	2.611	749	51.4	2.14	5331
FLT-3A-5398	5398	2.635	756	51.8	2.16	5381
FLT-3A-5448	5448	2.660	763	52.3	2.18	5430
FLT-3A-5498	5498	2.684	770	52.8	2.20	5480
FLT-3A-5548	5548	2.708	777	53.3	2.22	5530
FLT-3A-5598	5598	2.733	784	53.8	2.24	5580
FLT-3A-5647	5647	2.757	791	54.2	2.26	5630
FLT-3A-5697	5697	2.782	798	54.7	2.28	5679
FLT-3A-5747	5747	2.806	805	55.2	2.30	5729
FLT-3A-5797	5797	2.830	812	55.7	2.32	5779
FLT-3A-5847	5847	2.855	819	56.2	2.34	5829
FLT-3A-5896	5896	2.879	826	56.6	2.36	5879
FLT-3A-5946	5946	2.904	833	57.1	2.38	5929
FLT-3A-5996	5996	2.928	840	57.6	2.40	5978
FLT-3A-6046	6046	2.952	847	58.1	2.42	6028
FLT-3A-6096	6096	2.977	854	58.6	2.44	6078
FLT-3A-6145	6145	3.001	861	59.0	2.46	6128
FLT-3A-6195	6195	3.026	868	59.5	2.48	6178
FLT-3A-6245	6245	3.050	875	60.0	2.50	6228
FLT-3A-6295	6295	3.074	882	60.5	2.52	6277
FLT-3A-6345	6345	3.099	889	61.0	2.54	6327
FLT-3A-6394	6394	3.123	896	61.4	2.56	6377
FLT-3A-6444	6444	3.148	903	61.9	2.58	6427
FLT-3A-6494	6494	3.172	910	62.4	2.60	6477

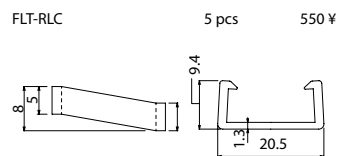
* Maximum standard length 6.5m. For longer specification, please contact us.

Option parts

Mounting bracket FLT-CR



Mounting clip FLT-RLC



Mounting rail FLT-RL



FLT-RL-500	470mm	1 pcs	1500 ¥
FLT-RL-1000	970mm	1 pcs	1700 ¥
FLT-RL-1500	1470mm	1 pcs	2000 ¥
FLT-RL-2900	1970mm	1 pcs	2500 ¥

In case of FLT-RL-500/1000 you shall use 5 mounting clip.
In case of FLT-RL-1500/2000 you shall use 10 mounting clip.

Jumper cable FMP-DG



FMP-DG	3000 mm	1 pcs	3500 ¥
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Power supply out cable FMP-1



FMP-1	500mm	1 pcs	2500 ¥
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Power supply in lead cable FMP-2



FMP-2	500mm	1 pcs	2500 ¥
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Power supply unit (OSRAM OT)



OT30/100-200-24-T	30W	1 pcs	Open price
OT60/100-200-24-T	60W	1 pcs	Open price
OT90/100-200-24-T	90W	1 pcs	Open price
OT150/100-200-24-T	150W	1 pcs	Open price

Input AC90~240V, output DC24V.
Comply with CE, UL, PSE standards. IP 66 water proof rating.

DC 24V dimmer FMC-24S/R



FMC-24S/R	1 pcs	34500 ¥
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Available in 3 colors:



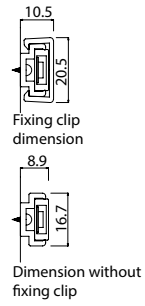
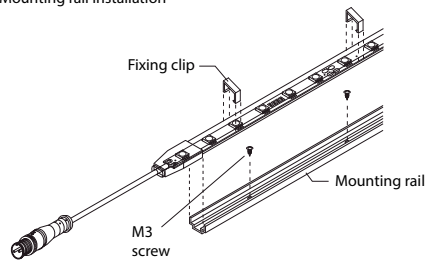
DC 24V simple dimmer FSD-24



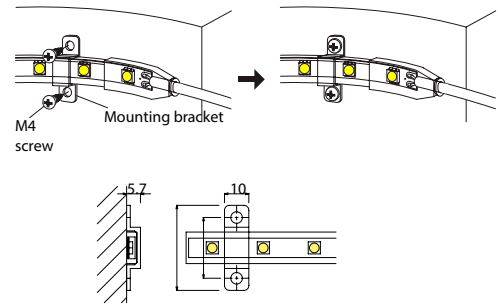
FSD-24	1 pcs	9900 ¥
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Installation / Power supply connection

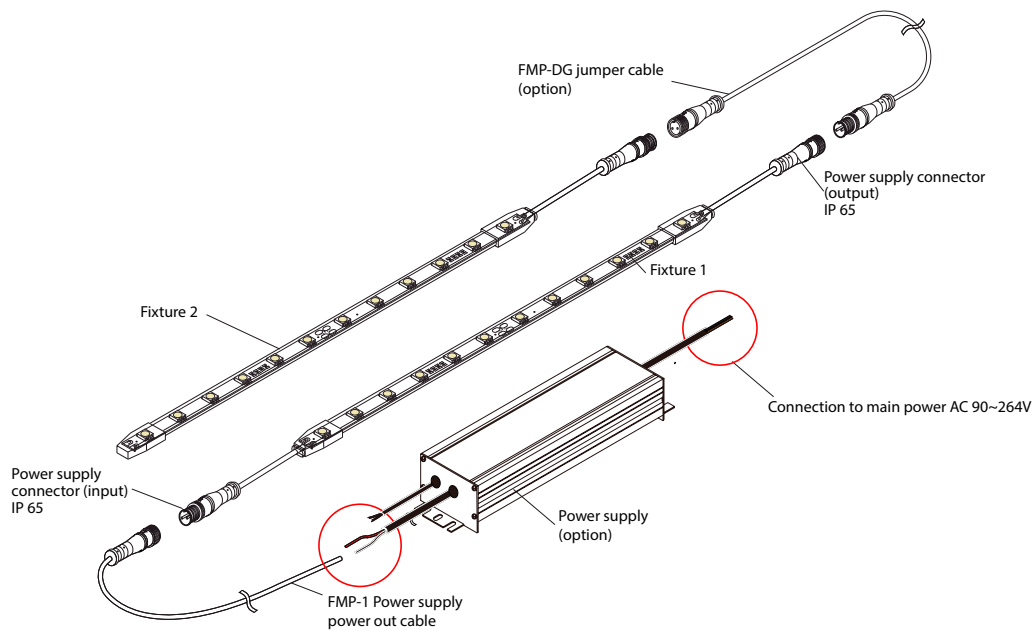
Mounting rail installation



Mounting bracket installation



Installation / Power supply connection

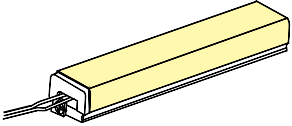
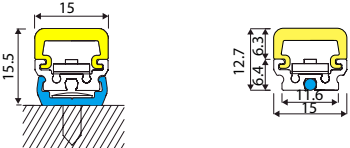
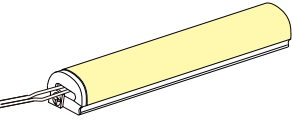

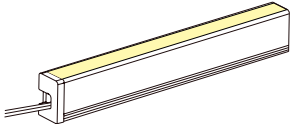
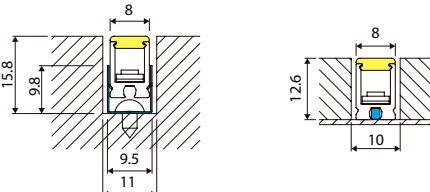
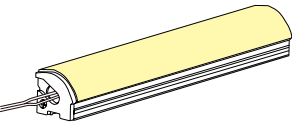
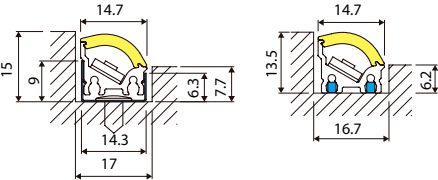
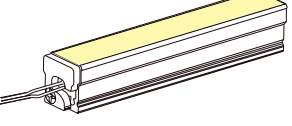
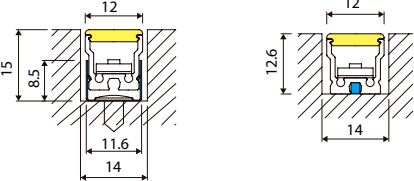
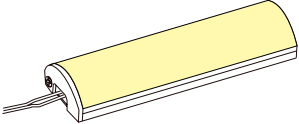
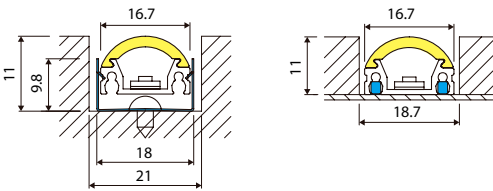
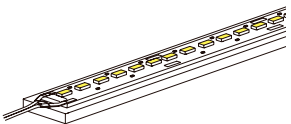
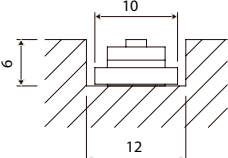


Line Module

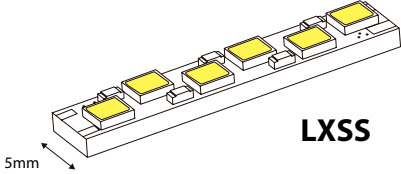
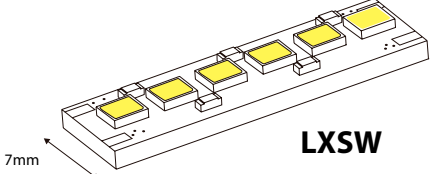




Line Module Products Overview

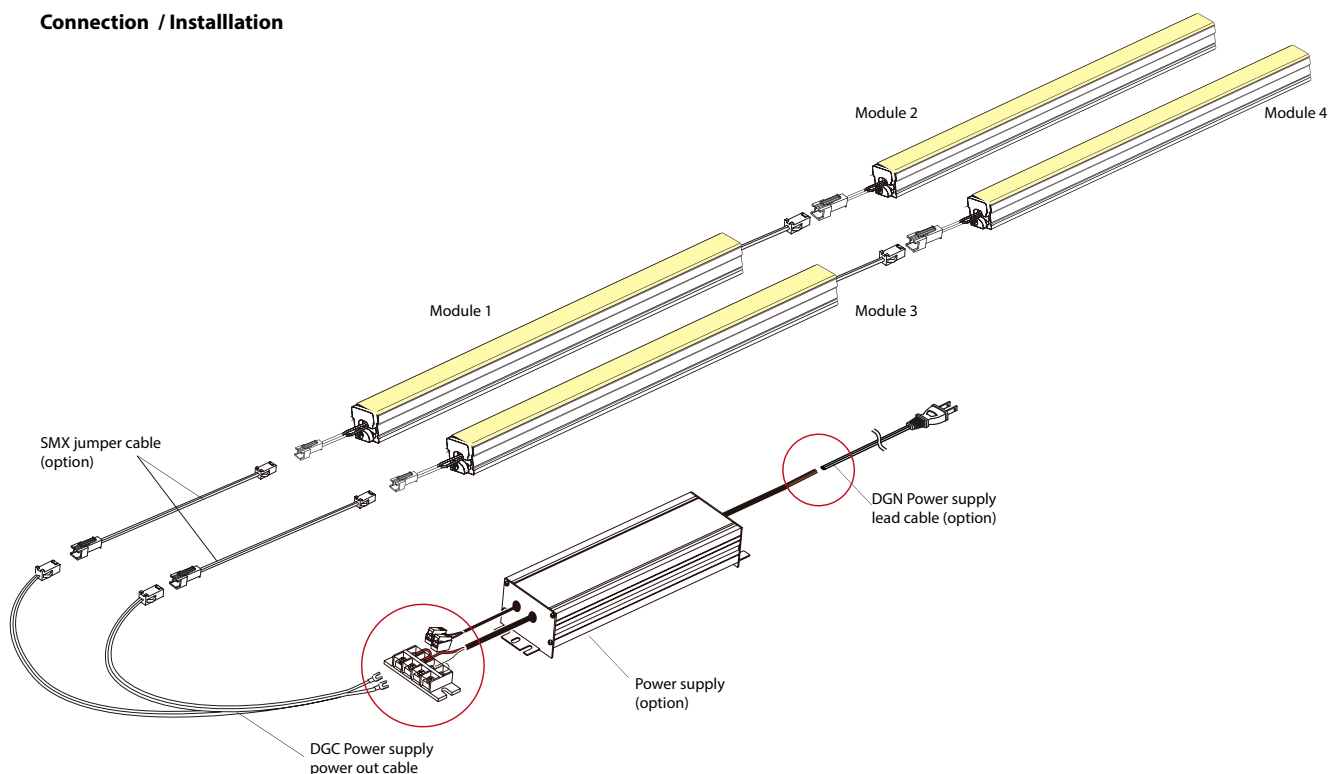
Linear Profile	Mounting	Characteristics
FGS P 56 		<ul style="list-style-type: none"> • Lens diffuser lighting on 3 direction • Aluminum frame with magnet mounting • high efficiency LED
FGD P 58 		<ul style="list-style-type: none"> • Dome lens diffuser wide beam • Aluminum frame with magnet mounting • high efficiency LED
FGC P 60 		<ul style="list-style-type: none"> • Compact profile 5mm width • Aluminum frame with magnet mounting • high efficiency LED
FGB P 62 		<ul style="list-style-type: none"> • Leaning profile with dome lens • Aluminum frame with magnet mounting • high efficiency LED
FGG P 64 		<ul style="list-style-type: none"> • Compact standard profile • Aluminum frame with magnet mounting • high efficiency LED
FGO P 66 		<ul style="list-style-type: none"> • Dome lens allow wide beam • Aluminium frame with magnet mounting • high efficiency LED
FB P 68 		<ul style="list-style-type: none"> • Aluminum heat sink • Simple design

LED board module products overview

LED board	Specification		Color temperature (CCT)
 <p>LXSS P 70</p>	Luminous flux (lm) L=990mm	1720	2200K / 2500K / 2700K
	Power consumption (W) L=990	15.5	3000K / 3500K
	LED pitch (mm)	4.6	4000K / 4500K
	Minimum length (mm)	27.5	5000K / 5700K
	Color Rendering	80 or 95 Ra	6500K
 <p>LXSW P 71</p>	Luminous flux (lm) L=990mm	1720	2200K / 2500K / 2700K
	Power consumption (W) L=990	15.5	3000K / 3500K
	LED pitch (mm)	4.6	4000K / 4500K
	Minimum length (mm)	27.5	5000K / 5700K
	Color Rendering	80 or 95 Ra	6500K

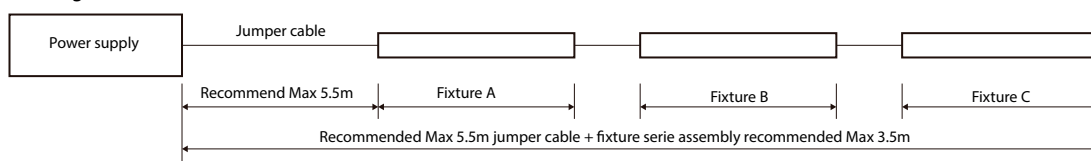
Line Module installation and option parts

Connection / Installation



Assembly and maximum length

When connecting or assembling LED modules in series, please respect the following recommendation:
 Maximum jumper cable length 5.5m
 Maximum LED module length in series 3.5m (3465mm)



Option parts

Jumper cable SMX



SMX-80	80 mm	1 pcs	500 ¥	SMX-500	500 mm	1 pcs	600 ¥
SMX-200	200 mm	1 pcs	500 ¥	SMX-1000	1000 mm	1 pcs	600 ¥
SMX-300	300 mm	1 pcs	500 ¥	SMX-2000	2000 mm	1 pcs	1200 ¥
SMX-400	400 mm	1 pcs	600 ¥	SMX-3000	3000 mm	1 pcs	1800 ¥
				SMX-4000	4000 mm	1 pcs	2400 ¥

Power supply out cable DGC



DGC-1	500mm	1 connector	700 ¥
DGC-2	500mm	2 connectors	900 ¥
DGC-3	500mm	3 connectors	1100 ¥
DGC-4	500mm	4 connectors	1300 ¥

Power supply in lead cable DGN



DGN-2500	2500mm	1 pcs	1350 ¥
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Power supply unit (OSRAM OT)



OT30/100-200-24-T	30W	1 pcs	Open price
OT60/100-200-24-T	60W	1 pcs	Open price
OT90/100-200-24-T	90W	1 pcs	Open price
OT150/100-200-24-T	150W	1 pcs	Open price

Input AC90~240V, output DC24V.
 Comply with CE, UL, PSE standards. IP 66 water proof rating.

DC 24V dimmer FMC-24S/R

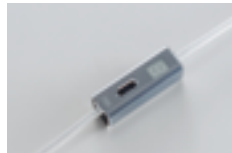


FMC-24S/R	1 pcs	34500 ¥
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Available in 3 colors:



DC 24V simple dimmer FSD-24



FSD-24	1 pcs	9900 ¥
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Line Module specification overview

Specifications

Reference	Aspect	Type of lens	Minimum length (mm)	Maximum length (mm)	Power consumption (W)		Luminous flux (lm) (N color)/m	
					per m	Min. length	Ra ≥ 80	Ra ≥ 95
FGS	Dotless	Square lens	39	2486	15.5 W (Ra ≥ 80)	0.44W (Ra ≥ 80)	1357 lm	1217 lm
FGD		Dome lens	39	2486			1415 lm	1253 lm
FGC		Linear lens	38	2485	15.9 (Ra ≥ 95)	0.50 W (Ra ≥ 95)	911 lm	765 lm
FGB		Leaning dome	38	2485			1339 lm	1142 lm
FGG		Linear lens	38	2485	1190 lm	945 lm		
FGO		Dome lens	38	2485	1465 lm	1164 lm		
FB	Visible LED	No lens	38	1523			1721 lm	1500 lm

LED color rendering specifications

The color rendering index or CRI is the ability of a light source to reproduce the different colors of the visible spectrum without affecting the colors.

The general index color rendering Ra determines the quality of a light source from the rendering index of eight standard colors (R1-R8) and six other saturated colors (R9 to R15). The maximum index Ra = 100, corresponds to white light with the same spectrum as sunlight. High color rendering index LED lights dramatically improve the appearance of products by allowing colors to appear clear, vivid and distinguishable.

We now offer the line module in high color rendering Ra ≥ 95 or standard Ra ≥ 80 version.

High color rendering Ra ≥ 95																	Standard Ra ≥ 80	
Color temperature K	Color rendering Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	Ra	R9
6500 K	95	97	97	99	92	94	96	93	91	75	95	96	68	96	99	90	85	14
5700 K	95	98	99	98	93	95	96	95	94	86	99	96	70	98	99	93	85	12
5000 K	96	98	99	98	94	95	95	96	95	90	99	95	72	99	99	94	84	11
4500 K	96	97	98	98	95	96	97	95	93	85	98	98	71	97	99	93	84	9
4000 K	96	94	96	99	96	95	96	95	91	77	94	98	76	94	98	91	84	11
3500 K	95	99	99	95	98	97	96	99	98	98	95	97	75	100	96	97	85	16
3000 K	98	98	100	95	99	99	97	100	99	98	97	97	82	99	96	98	84	12
2700 K	98	97	99	96	97	98	97	100	98	98	99	95	86	97	96	97	83	9
2500 K	97	98	100	99	95	97	98	96	94	89	98	95	87	98	99	97	83	12
2200 K	98	98	98	99	100	98	95	97	98	98	97	98	88	98	98	99		

FKK LED series maximizes the visual impact of fresh goods (meat, fresh fruits and vegetables) and the visual appearance of human skin by improving the color rendering of red color nuances. Conventional lightings, which are generally, suffering from a lack in the rendering of the red color and shades. FKK high color rendering LEDs are all offering an excellent color rendering for red (R9) greater than 75 Ra and up to 98 Ra.

FGS

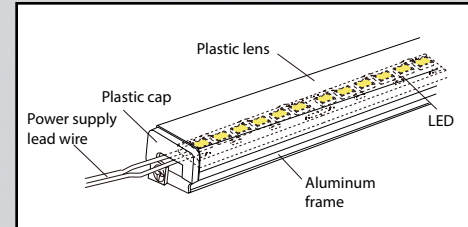
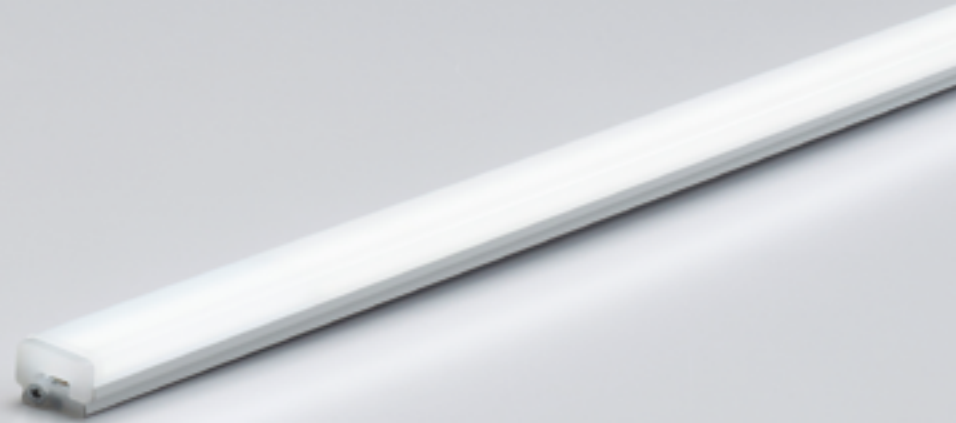
LED Line Module

Made to fit your projects.



Wide Beam

- Compact profile with 3 faces beam light
- Enhanced CRI Ra 80~95
- Aluminium frame with magnet



FGS - 1001 - NZ-KMG

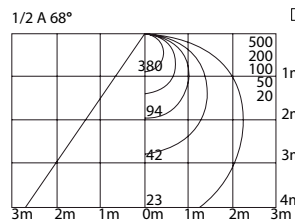
- 1 Fixture name : FGS
- 2 Length : Please check frame size reference table
- 3 LED colors : L22 = Light bulb (2200K) L25 = Light bulb (2500K)
L27 = Light bulb (2700K) L30 = Light bulb (3000K)
WW = Warm white (3500K) W = White (4000K)
NW Neutral white = (4500K) N = Neutral white (5000K) DN = (5700K) D = Daylight (6500K)
- 4 Color rendering: None = Ra ≥ 80 Z = Ra ≥ 95
- 5 Connector: K = one side connector
- 6 Fixation : CR = Mounting clip
MG = Magnet (option)

Environment of use : indoor cove / display lighting / accent lighting
Maximum length in series : 2486 mm
Driver : DC 24V

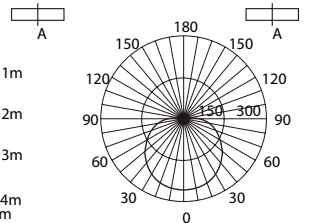
Photometric data

Measured fixture: FGS-1001-N (5000K)

Light Intensity distribution



Candlepower Distribution



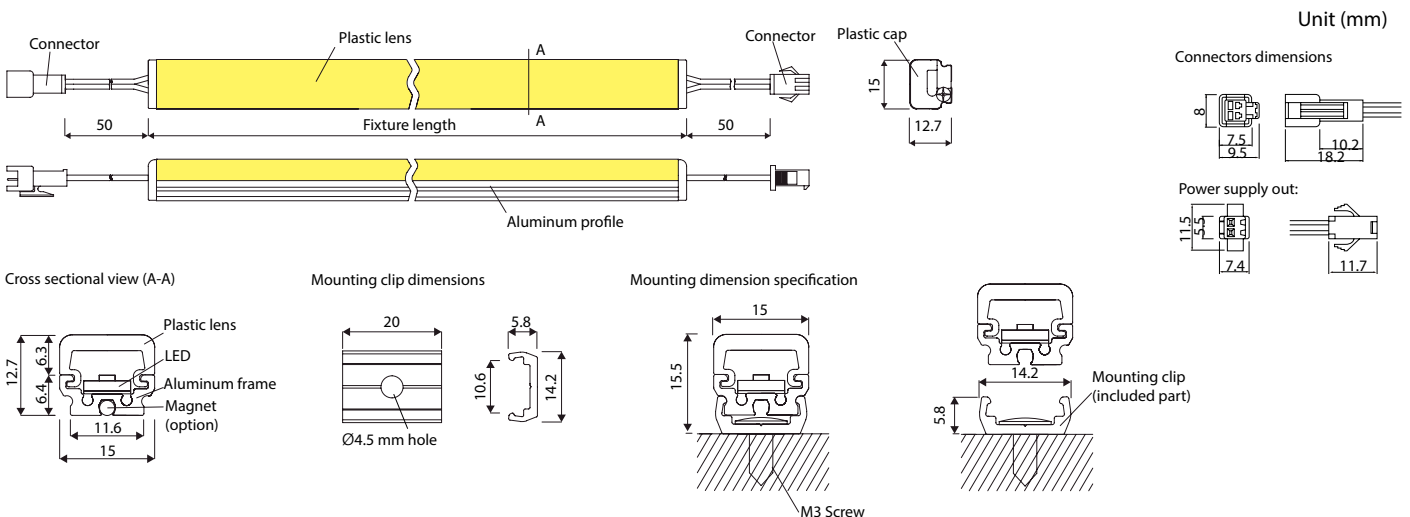
Unit (lx)

cd/(1000)lm

DC 24V specifications

Reference	Length (mm)	LED board length (mm)	Number of LED	CRI (Ra)	Watts (W)	Amps (A)	Maximum length (mm)	Luminous flux (lm)
FGS-1001	1001	990	216	≥ 80	15.5	0.65	2486	1357
FGS-1001-Z	1001	990	216	≥ 95	15.9	0.66	2486	1217

Fixtures Dimensions



Order made sizes by color rendering

Standard Ra ≥ 80				High color rendering Ra ≥ 95			
Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)	Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)
39	0.4	0.02	38	39	0.5	0.02	34
66	0.9	0.04	75	66	0.9	0.04	68
93.5	1.3	0.05	113	93.5	1.4	0.06	101
121	1.7	0.07	151	121	1.8	0.08	135
148.5	2.2	0.09	188	148.5	2.3	0.09	169
176	2.6	0.11	226	176	2.7	0.11	203
203.5	3.0	0.13	264	203.5	3.2	0.13	237
231	3.4	0.14	302	231	3.6	0.15	270
258.5	3.9	0.16	339	258.5	4.1	0.17	304
286	4.3	0.18	377	286	4.5	0.19	338
313.5	4.7	0.20	415	313.5	5.0	0.21	372
341	5.2	0.22	452	341	5.4	0.23	406
368.5	5.6	0.23	490	368.5	5.9	0.24	439
396	6.0	0.25	528	396	6.3	0.26	473
423.5	6.5	0.27	565	423.5	6.8	0.28	507
451	6.9	0.29	603	451	7.2	0.30	541
478.5	7.3	0.31	641	478.5	7.7	0.32	575
506	7.7	0.32	678	506	8.1	0.34	609
533.5	8.2	0.34	716	533.5	8.6	0.36	642
561	8.6	0.36	754	561	9.0	0.38	676
588.5	9.0	0.38	791	588.5	9.4	0.39	710
616	9.5	0.40	829	616	9.9	0.41	744
643.5	9.9	0.41	867	643.5	10.3	0.43	778
671	10.3	0.43	905	671	10.7	0.45	811
698.5	10.8	0.45	942	698.5	11.2	0.47	845
726	11.2	0.47	980	726	11.6	0.48	879
753.5	11.6	0.49	1018	753.5	12.0	0.50	913
781	12.0	0.50	1055	781	12.5	0.52	947
808.5	12.5	0.52	1093	808.5	12.9	0.54	980
836	12.9	0.54	1131	836	13.3	0.56	1014
863.5	13.3	0.56	1168	863.5	13.8	0.57	1048
891	13.8	0.58	1206	891	14.2	0.59	1082
918.5	14.2	0.59	1244	918.5	14.6	0.61	1116
946	14.6	0.61	1281	946	15.1	0.63	1149
973.5	15.1	0.63	1319	973.5	15.5	0.65	1183
1001	15.5	0.65	1357	1001	15.9	0.66	1217
1028.5	15.9	0.67	1395	1028.5	16.4	0.68	1251
1056	16.3	0.68	1432	1056	16.8	0.70	1285
1083.5	16.8	0.70	1470	1083.5	17.3	0.72	1318
1111	17.2	0.72	1508	1111	17.7	0.74	1352
1138.5	17.6	0.74	1545	1138.5	18.1	0.76	1386
1166	18.1	0.76	1583	1166	18.6	0.77	1420
1193.5	18.5	0.78	1621	1193.5	19.0	0.79	1454
1221	18.9	0.79	1658	1221	19.4	0.81	1487
1248.5	19.4	0.81	1696	1248.5	19.9	0.83	1521

Standard Ra ≥ 80				High color rendering Ra ≥ 95			
Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)	Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)
1276	19.8	0.83	1734	1276	20.3	0.85	1555
1303.5	20.2	0.85	1771	1304	20.7	0.86	1589
1331	20.6	0.86	1809	1331	21.2	0.88	1623
1358.5	21.1	0.88	1847	1359	21.6	0.90	1656
1386	21.5	0.90	1885	1386	22.0	0.92	1690
1413.5	21.9	0.92	1922	1414	22.5	0.94	1724
1441	22.4	0.94	1960	1441	22.9	0.95	1758
1468.5	22.8	0.95	1998	1469	23.3	0.97	1792
1496	23.2	0.97	2035	1496	23.8	0.99	1826
1523.5	23.7	0.99	2073	1524	24.2	1.01	1859
1551	24.1	1.01	2111	1551	24.6	1.03	1893
1578.5	24.5	1.03	2148	1579	25.1	1.04	1927
1606	24.9	1.04	2186	1606	25.5	1.06	1961
1633.5	25.4	1.06	2224	1634	25.9	1.08	1995
1661	25.8	1.08	2261	1661	26.4	1.10	2028
1688.5	26.2	1.10	2299	1689	26.8	1.12	2062
1716	26.7	1.12	2337	1716	27.2	1.13	2096
1743.5	27.1	1.13	2374	1744	27.7	1.15	2130
1771	27.5	1.15	2412	1771	28.1	1.17	2164
1798.5	28.0	1.17	2450	1799	28.5	1.19	2197
1826	28.4	1.19	2488	1826	29.0	1.21	2231
1853.5	28.8	1.21	2525	1854	29.4	1.23	2265
1881	29.2	1.22	2563	1881	29.4	1.24	2299
1908.5	29.7	1.24	2601	1909	29.8	1.26	2333
1936	30.1	1.26	2638	1936	30.3	1.28	2366
1963.5	30.5	1.28	2676	1963.5	30.7	1.30	2400
1991	31.0	1.30	2714	1991	31.1	1.32	2434
2018.5	31.4	1.31	2751	2019	31.6	1.33	2468
2046	31.8	1.33	2789	2046	32.0	1.35	2502
2073.5	32.3	1.35	2827	2074	32.4	1.37	2535
2101	32.7	1.37	2864	2101	32.9	1.39	2569
2128.5	33.1	1.39	2902	2129	33.3	1.41	2603
2156	33.5	1.40	2940	2156	33.7	1.42	2637
2183.5	34.0	1.42	2978	2184	34.2	1.44	2671
2211	34.4	1.44	3015	2211	34.6	1.46	2704
2238.5	34.8	1.46	3053	2239	35.0	1.48	2738
2266	35.3	1.48	3091	2266	35.5	1.50	2772
2293.5	35.7	1.49	3128	2294	35.9	1.51	2806
2321	36.1	1.51	3166	2321	36.3	1.53	2840
2348.5	36.6	1.53	3204	2349	36.8	1.55	2873
2376	37.0	1.55	3241	2376	37.2	1.57	2907
2403.5	37.4	1.57	3279	2404	37.7	1.59	2941
2431	37.8	1.58	3317	2431	38.1	1.60	2975
2458.5	38.3	1.60	3354	2459	38.5	1.62	3009
2486	38.7	1.62	3392	2486	39.0	1.64	3043

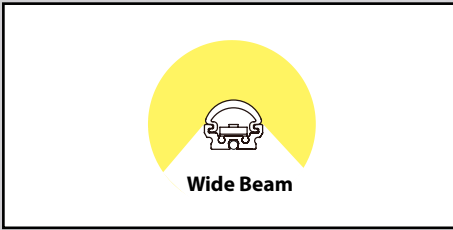
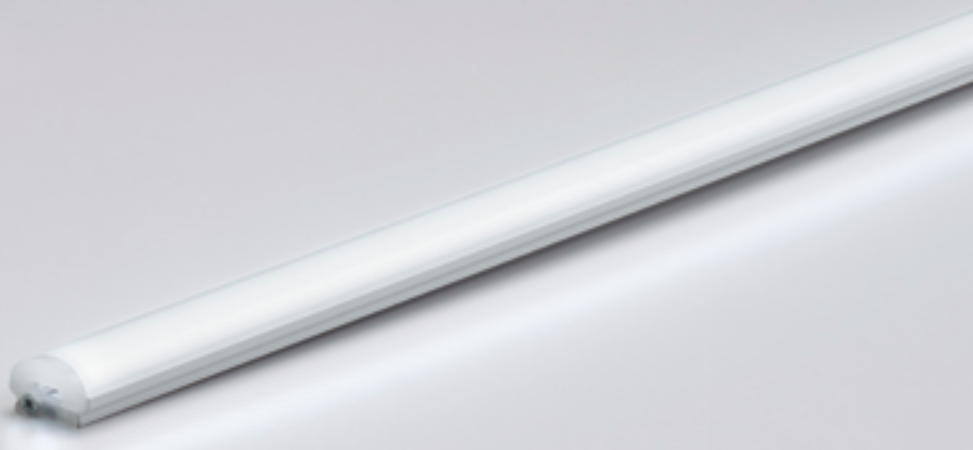
Light output grade (base N color in % of lm) according to color rendering

	D 6500K	DN 5700K	N 5000 K	NW 4500 K	W 4000K	WW 3500 K	L30 3000 K	L27 2700 K	L25 2500K	L22 2200K
Ra ≥ 80	97%	99%	100%	99%	97%	93%	93%	90%	77%	-
Ra ≥ 95	100%	100%	100%	100%	100%	100%	95%	90%	82%	70%

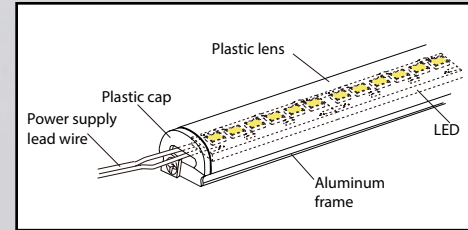
FGD

LED Line Module

Made to fit your projects.



- Compact profile with wide beam dome lens
- Enhanced CRI Ra 80~95
- Aluminium frame with magnet



FGD - 1001 - NZ-KMG

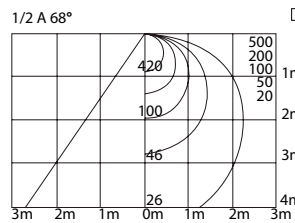
- 1 Fixture name : FGD
 2 Length : Please check frame size reference table
 3 LED colors : L22 = Light bulb (2200K) L25 = Light bulb (2500K)
 L27 = Light bulb (2700K) L30 = Light bulb (3000K)
 WW = Warm white (3500K) W = White (4000K)
 NW Neutral white = (4500K) N = Neutral white (5000K) DN = (5700K) D = Daylight (6500K)
 4 Color rendering: None = Ra ≥ 80 Z = Ra ≥ 95
 5 Connector: K = one side connector
 6 Fixation : CR = Mounting clip
 MG = Magnet (option)

Environment of use : indoor cove / display lighting / accent lighting
 Maximum length in series : 2486 mm
 Driver : DC 24V

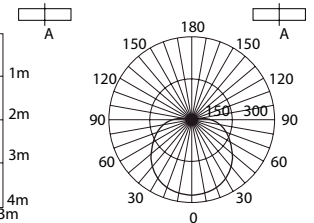
Photometric data

Measured fixture: FGD-1001-N (5000K)

Light Intensity distribution



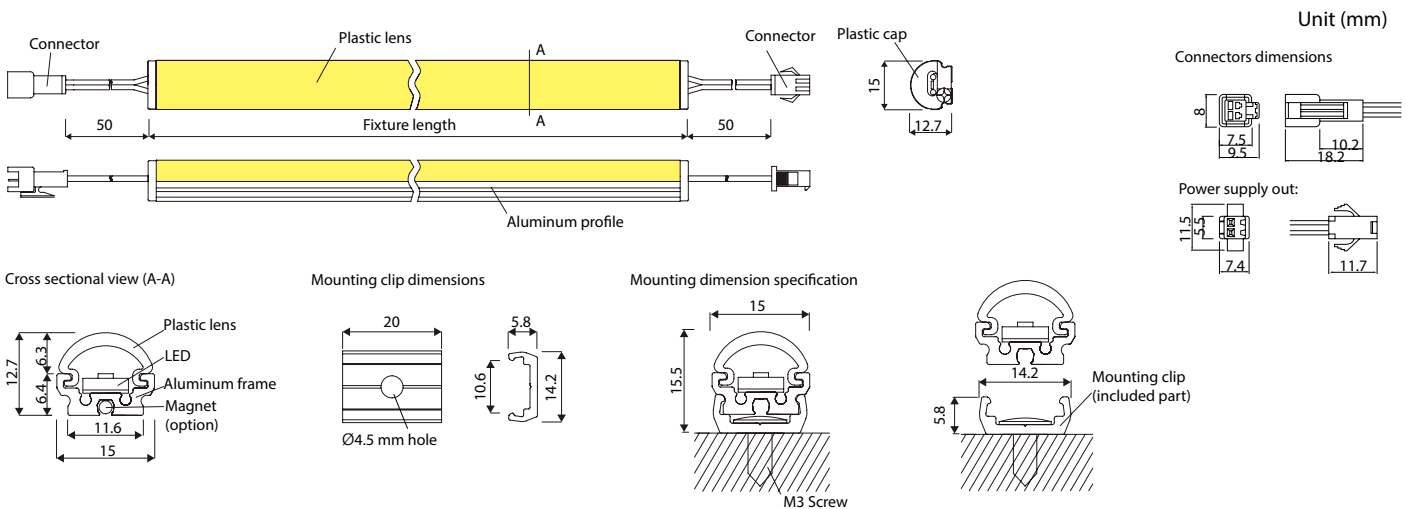
Candlepower Distribution



DC 24V specifications

Reference	Length (mm)	LED board length (mm)	Number of LED	CRI (Ra)	Watts (W)	Amps (A)	Maximum length (mm)	Luminous flux (lm)
FGD-1001	1001	990	216	≥ 80	15.5	0.65	2486	1415
FGD-1001-Z	1001	990	216	≥ 95	15.9	0.66	2486	1253

Fixtures Dimensions



Order made sizes by color rendering

Standard Ra ≥ 80				High color rendering Ra ≥ 95			
Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)	Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)
39	0.4	0.02	39	39	0.5	0.02	35
66	0.9	0.04	79	66	0.9	0.04	70
93.5	1.3	0.05	118	93.5	1.4	0.06	104
121	1.7	0.07	157	121	1.8	0.08	139
148.5	2.2	0.09	197	148.5	2.3	0.09	174
176	2.6	0.11	236	176	2.7	0.11	209
203.5	3.0	0.13	275	203.5	3.2	0.13	244
231	3.4	0.14	314	231	3.6	0.15	278
258.5	3.9	0.16	354	258.5	4.1	0.17	313
286	4.3	0.18	393	286	4.5	0.19	348
313.5	4.7	0.20	432	313.5	5.0	0.21	383
341	5.2	0.22	472	341	5.4	0.23	418
368.5	5.6	0.23	511	368.5	5.9	0.24	452
396	6.0	0.25	550	396	6.3	0.26	487
423.5	6.5	0.27	590	423.5	6.8	0.28	522
451	6.9	0.29	629	451	7.2	0.30	557
478.5	7.3	0.31	668	478.5	7.7	0.32	592
506	7.7	0.32	707	506	8.1	0.34	627
533.5	8.2	0.34	747	533.5	8.6	0.36	661
561	8.6	0.36	786	561	9.0	0.38	696
588.5	9.0	0.38	825	588.5	9.4	0.39	731
616	9.5	0.40	865	616	9.9	0.41	766
643.5	9.9	0.41	904	643.5	10.3	0.43	801
671	10.3	0.43	943	671	10.7	0.45	835
698.5	10.8	0.45	983	698.5	11.2	0.47	870
726	11.2	0.47	1022	726	11.6	0.48	905
753.5	11.6	0.49	1061	753.5	12.0	0.50	940
781	12.0	0.50	1100	781	12.5	0.52	975
808.5	12.5	0.52	1140	808.5	12.9	0.54	1009
836	12.9	0.54	1179	836	13.3	0.56	1044
863.5	13.3	0.56	1218	863.5	13.8	0.57	1079
891	13.8	0.58	1258	891	14.2	0.59	1114
918.5	14.2	0.59	1297	918.5	14.6	0.61	1149
946	14.6	0.61	1336	946	15.1	0.63	1183
973.5	15.1	0.63	1376	973.5	15.5	0.65	1218
1001	15.5	0.65	1415	1001	15.9	0.66	1253
1028.5	15.9	0.67	1454	1028.5	16.4	0.68	1288
1056	16.3	0.68	1493	1056	16.8	0.70	1323
1083.5	16.8	0.70	1533	1083.5	17.3	0.72	1357
1111	17.2	0.72	1572	1111	17.7	0.74	1392
1138.5	17.6	0.74	1611	1138.5	18.1	0.76	1427
1166	18.1	0.76	1651	1166	18.6	0.77	1462
1193.5	18.5	0.78	1690	1193.5	19.0	0.79	1497
1221	18.9	0.79	1729	1221	19.4	0.81	1531
1248.5	19.4	0.81	1769	1248.5	19.9	0.83	1566

Standard Ra ≥ 80				High color rendering Ra ≥ 95			
Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)	Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)
1276	19.8	0.83	1808	1276	20.3	0.85	1601
1303.5	20.2	0.85	1847	1304	20.7	0.86	1636
1331	20.6	0.86	1886	1331	21.2	0.88	1671
1358.5	21.1	0.88	1926	1359	21.6	0.90	1705
1386	21.5	0.90	1965	1386	22.0	0.92	1740
1413.5	21.9	0.92	2004	1414	22.5	0.94	1775
1441	22.4	0.94	2044	1441	22.9	0.95	1810
1468.5	22.8	0.95	2083	1469	23.3	0.97	1845
1496	23.2	0.97	2122	1496	23.8	0.99	1880
1523.5	23.7	0.99	2162	1524	24.2	1.01	1914
1551	24.1	1.01	2201	1551	24.6	1.03	1949
1578.5	24.5	1.03	2240	1579	25.1	1.04	1984
1606	24.9	1.04	2279	1606	25.5	1.06	2019
1633.5	25.4	1.06	2319	1634	25.9	1.08	2054
1661	25.8	1.08	2358	1661	26.4	1.10	2088
1688.5	26.2	1.10	2397	1689	26.8	1.12	2123
1716	26.7	1.12	2437	1716	27.2	1.13	2158
1743.5	27.1	1.13	2476	1744	27.7	1.15	2193
1771	27.5	1.15	2515	1771	28.1	1.17	2228
1798.5	28.0	1.17	2555	1799	28.5	1.19	2262
1826	28.4	1.19	2594	1826	29.0	1.21	2297
1853.5	28.8	1.21	2633	1854	29.4	1.23	2332
1881	29.2	1.22	2672	1881	29.4	1.24	2367
1908.5	29.7	1.24	2712	1909	29.8	1.26	2402
1936	30.1	1.26	2751	1936	30.3	1.28	2436
1963.5	30.5	1.28	2790	1963.5	30.7	1.30	2471
1991	31.0	1.30	2830	1991	31.1	1.32	2506
2018.5	31.4	1.31	2869	2019	31.6	1.33	2541
2046	31.8	1.33	2908	2046	32.0	1.35	2576
2073.5	32.3	1.35	2948	2074	32.4	1.37	2610
2101	32.7	1.37	2987	2101	32.9	1.39	2645
2128.5	33.1	1.39	3026	2129	33.3	1.41	2680
2156	33.5	1.40	3065	2156	33.7	1.42	2715
2183.5	34.0	1.42	3105	2184	34.2	1.44	2750
2211	34.4	1.44	3144	2211	34.6	1.46	2784
2238.5	34.8	1.46	3183	2239	35.0	1.48	2819
2266	35.3	1.48	3223	2266	35.5	1.50	2854
2293.5	35.7	1.49	3262	2294	35.9	1.51	2889
2321	36.1	1.51	3301	2321	36.3	1.53	2924
2348.5	36.6	1.53	3341	2349	36.8	1.55	2958
2376	37.0	1.55	3380	2376	37.2	1.57	2993
2403.5	37.4	1.57	3419	2404	37.7	1.59	3028
2431	37.8	1.58	3458	2431	38.1	1.60	3063
2458.5	38.3	1.60	3498	2459	38.5	1.62	3098
2486	38.7	1.62	3537	2486	39.0	1.64	3133

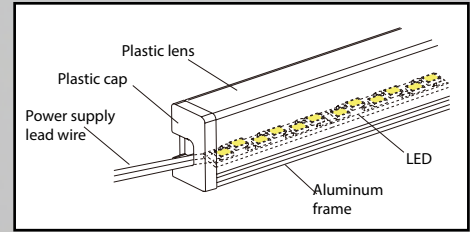
Light output grade (base N color in % of lm) according to color rendering

	D 6500K	DN 5700K	N 5000 K	NW 4500 K	W 4000K	WW 3500 K	L30 3000 K	L27 2700 K	L25 2500K	L22 2200K
Ra ≥ 80	97%	99%	100%	99%	97%	93%	93%	90%	77%	-
Ra ≥ 95	100%	100%	100%	100%	100%	100%	95%	90%	82%	70%

FGC

LED Line Module

Made to fit your projects.



- High efficiency SMD LED
- Smallest width (5mm) LED board on the market
- Enhanced CRI Ra 80~95
- Aluminium frame with magnet

FGC - 1000 - NZ-KMG

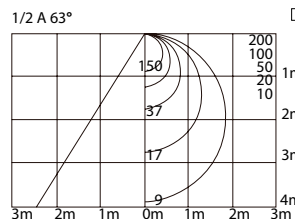
- 1 Fixture name : FGC
- 2 Length : Please check frame size reference table
- 3 LED colors : L22 = Light bulb (2200K) L25 = Light bulb (2500K)
L27 = Light bulb (2700K) L30 = Light bulb (3000K)
WW = Warm white (3500K) W = White (4000K)
NW Neutral white = (4500K) N = Neutral white (5000K) DN = (5700K) D = Daylight (6500K)
- 4 Color rendering: None = Ra ≥ 80 Z = Ra ≥ 95
- 5 Connector: K = one side connector
- 6 Fixation : CR = Mounting clip
MG = Magnet (option)

Environment of use : indoor cove / display lighting / accent lighting
Maximum length in series : 2485 mm
Driver : DC 24V

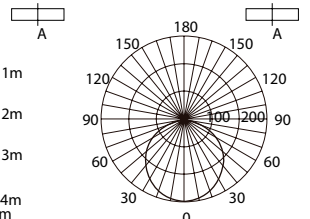
Photometric data

Measured fixture: FGC-505-N (5000K)

Light Intensity distribution



Candlepower Distribution

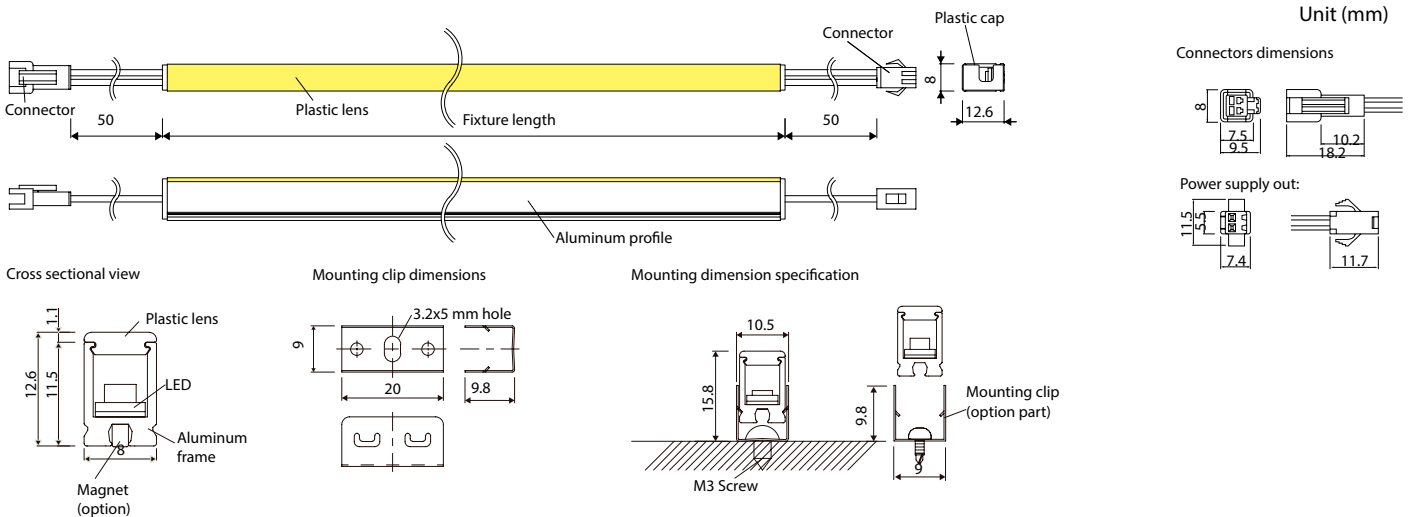


Unit (lx) cd/(1000)lm

DC 24V specifications

Reference	Length (mm)	LED board length (mm)	Number of LED	CRI (Ra)	Watts (W)	Amps (A)	Maximum length (mm)	Luminous flux (lm)
FGC-1000	1000	990	216	≥ 80	15.5	0.65	2485	911
FGC-1000-Z	1000	990	216	≥ 95	15.9	0.66	2485	765

Fixtures Dimensions



Order made sizes by color rendering

Standard Ra ≥ 80				High color rendering Ra ≥ 95			
Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)	Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)
38	0.4	0.02	25	38	0.5	0.02	21
65	0.9	0.04	51	65	0.9	0.04	43
92.5	1.3	0.05	76	92.5	1.4	0.06	64
120	1.7	0.07	101	120	1.8	0.08	85
147.5	2.2	0.09	127	147.5	2.3	0.09	106
175	2.6	0.11	152	175	2.7	0.11	128
202.5	3.0	0.13	177	202.5	3.2	0.13	149
230	3.4	0.14	202	230	3.6	0.15	170
257.5	3.9	0.16	228	257.5	4.1	0.17	191
285	4.3	0.18	253	285	4.5	0.19	213
312.5	4.7	0.20	278	312.5	5.0	0.21	234
340	5.2	0.22	304	340	5.4	0.23	255
367.5	5.6	0.23	329	367.5	5.9	0.24	276
395	6.0	0.25	354	395	6.3	0.26	298
422.5	6.5	0.27	380	422.5	6.8	0.28	319
450	6.9	0.29	405	450	7.2	0.30	340
477.5	7.3	0.31	430	477.5	7.7	0.32	361
505	7.7	0.32	455	505	8.1	0.34	398
532.5	8.2	0.34	481	532.5	8.6	0.36	404
560	8.6	0.36	506	560	9.0	0.38	425
587.5	9.0	0.38	531	587.5	9.4	0.39	446
615	9.5	0.40	557	615	9.9	0.41	468
642.5	9.9	0.41	582	642.5	10.3	0.43	489
670	10.3	0.43	607	670	10.7	0.45	510
697.5	10.8	0.45	633	697.5	11.2	0.47	531
725	11.2	0.47	658	725	11.6	0.48	553
752.5	11.6	0.49	683	752.5	12.0	0.50	574
780	12.0	0.50	708	780	12.5	0.52	595
807.5	12.5	0.52	734	807.5	12.9	0.54	616
835	12.9	0.54	759	835	13.3	0.56	638
862.5	13.3	0.56	784	862.5	13.8	0.57	659
890	13.8	0.58	810	890	14.2	0.59	680
917.5	14.2	0.59	835	917.5	14.6	0.61	701
945	14.6	0.61	860	945	15.1	0.63	723
972.5	15.1	0.63	886	972.5	15.5	0.65	744
1000	15.5	0.65	911	1000	15.9	0.66	765
1027.5	15.9	0.67	936	1027.5	16.4	0.68	786
1055	16.3	0.68	961	1055	16.8	0.70	808
1082.5	16.8	0.70	987	1082.5	17.3	0.72	829
1110	17.2	0.72	1012	1110	17.7	0.74	850
1137.5	17.6	0.74	1037	1137.5	18.1	0.76	871
1165	18.1	0.76	1063	1165	18.6	0.77	893
1192.5	18.5	0.78	1088	1192.5	19.0	0.79	914
1220	18.9	0.79	1113	1220	19.4	0.81	935
1247.5	19.4	0.81	1139	1247.5	19.9	0.83	956

Standard Ra ≥ 80				High color rendering Ra ≥ 95			
Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)	Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)
1275	19.8	0.83	1164	1275	20.3	0.85	978
1302.5	20.2	0.85	1189	1302.5	20.7	0.86	999
1330	20.6	0.86	1214	1330	21.2	0.88	1020
1357.5	21.1	0.88	1240	1357.5	21.6	0.90	1041
1385	21.5	0.90	1265	1385	22.0	0.92	1063
1412.5	21.9	0.92	1290	1412.5	22.5	0.94	1084
1440	22.4	0.94	1316	1440	22.9	0.95	1105
1467.5	22.8	0.95	1341	1467.5	23.3	0.97	1126
1495	23.2	0.97	1366	1495	23.8	0.99	1148
1522.5	23.7	0.99	1392	1522.5	24.2	1.01	1169
1550	24.1	1.01	1417	1550	24.6	1.03	1190
1577.5	24.5	1.03	1442	1577.5	25.1	1.04	1211
1605	24.9	1.04	1467	1605	25.5	1.06	1233
1632.5	25.4	1.06	1493	1632.5	25.9	1.08	1254
1660	25.8	1.08	1518	1660	26.4	1.10	1275
1687.5	26.2	1.10	1543	1687.5	26.8	1.12	1296
1715	26.7	1.12	1569	1715	27.2	1.13	1318
1742.5	27.1	1.13	1594	1742.5	27.7	1.15	1339
1770	27.5	1.15	1619	1770	28.1	1.17	1360
1797.5	28.0	1.17	1645	1797.5	28.5	1.19	1381
1825	28.4	1.19	1670	1825	29.0	1.21	1403
1852.5	28.8	1.21	1695	1852.5	29.4	1.23	1424
1880	29.2	1.22	1720	1880	29.4	1.24	1445
1907.5	29.7	1.24	1746	1907.5	29.8	1.26	1466
1935	30.1	1.26	1771	1935	30.3	1.28	1488
1962.5	30.5	1.28	1796	1962.5	30.7	1.30	1509
1990	31.0	1.30	1822	1990	31.1	1.32	1530
2017.5	31.4	1.31	1847	2017.5	31.6	1.33	1551
2045	31.8	1.33	1872	2045	32.0	1.35	1573
2072.5	32.3	1.35	1898	2072.5	32.4	1.37	1594
2100	32.7	1.37	1923	2100	32.9	1.39	1615
2127.5	33.1	1.39	1948	2127.5	33.3	1.41	1636
2155	33.5	1.40	1973	2155	33.7	1.42	1658
2182.5	34.0	1.42	1999	2182.5	34.2	1.44	1679
2210	34.4	1.44	2024	2210	34.6	1.46	1700
2237.5	34.8	1.46	2049	2237.5	35.0	1.48	1721
2265	35.3	1.48	2075	2265	35.5	1.50	1743
2292.5	35.7	1.49	2100	2292.5	35.9	1.51	1764
2320	36.1	1.51	2125	2320	36.3	1.53	1785
2347.5	36.6	1.53	2151	2347.5	36.8	1.55	1806
2375	37.0	1.55	2176	2375	37.2	1.57	1828
2402.5	37.4	1.57	2201	2402.5	37.7	1.59	1849
2430	37.8	1.58	2226	2430	38.1	1.60	1870
2457.5	38.3	1.60	2252	2457.5	38.5	1.62	1891
2485	38.7	1.62	2277	2485	39.0	1.64	1913

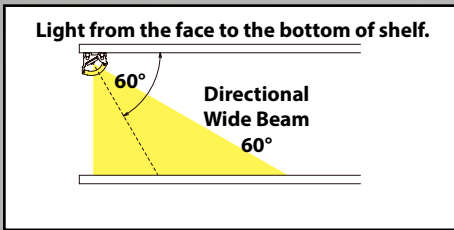
Light output grade (base N color in % of lm) according to color rendering

	D 6500K	DN 5700K	N 5000 K	NW 4500 K	W 4000K	WW 3500 K	L30 3000 K	L27 2700 K	L25 2500K	L22 2200K
Ra ≥ 80	97%	99%	100%	99%	97%	93%	93%	90%	77%	-
Ra ≥ 95	100%	100%	100%	100%	100%	100%	95%	90%	82%	70%

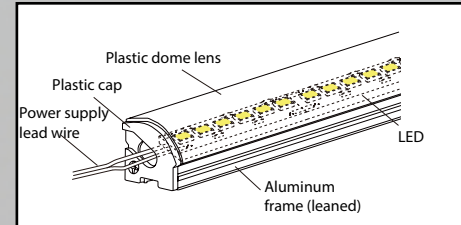
FGB

LED Line Module

Made to fit your projects.



- High efficiency SMD LED
- Compact leaning profile with dome lens
- Aluminium frame with magnet



FGB - 1000 - NZ-KMG

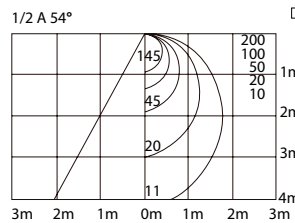
- 1 Fixture name : FGB
- 2 Length : Please check frame size reference table
- 3 LED colors : L22 = Light bulb (2200K) L25 = Light bulb (2500K)
L27 = Light bulb (2700K) L30 = Light bulb (3000K)
WW = Warm white (3500K) W = White (4000K)
NW Neutral white = (4500K) N = Neutral white (5000K) DN = (5700K) D = Daylight (6500K)
- 4 Color rendering: None = Ra ≥ 80 Z = Ra ≥ 95
- 5 Connector: K = one side connector
- 6 Fixation : CR = Mounting clip
MG = Magnet (option)

Environment of use : indoor cove / display lighting / accent lighting
Maximum length in series : 2485 mm
Driver : DC 24V

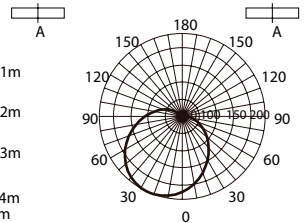
Photometric data

Measured fixture: FGB-505-N (5000K)

Light Intensity distribution



Candlepower Distribution

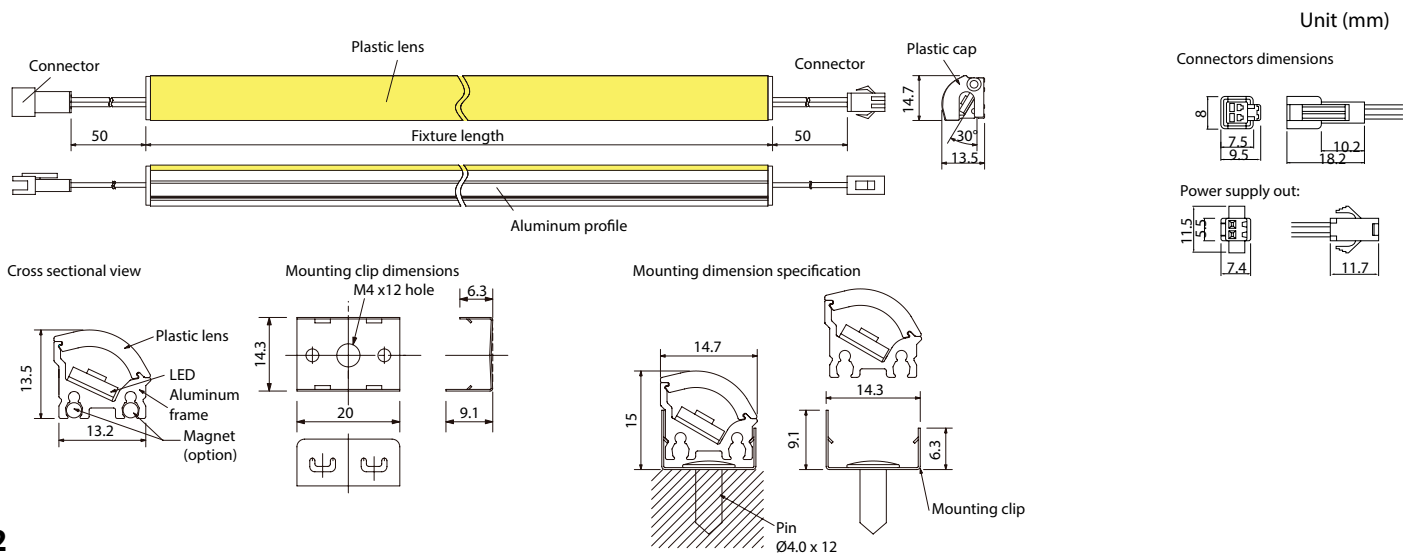


Unit (lx) cd/(1000)lm

DC 24V specifications

Reference	Length (mm)	LED board length (mm)	Number of LED	CRI (Ra)	Watts (W)	Amps (A)	Maximum length (mm)	Luminous flux (lm)
FGC-1000	1000	990	216	≥ 80	15.5	0.65	2485	1339
FGC-1000-Z	1000	990	216	≥ 95	15.9	0.66	2485	1142

Fixtures Dimensions



Order made sizes by color rendering

Standard Ra ≥ 80				High color rendering Ra ≥ 95			
Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)	Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)
38	0.4	0.02	37	38	0.5	0.02	32
65	0.9	0.04	74	65	0.9	0.04	63
92.5	1.3	0.05	112	92.5	1.4	0.06	95
120	1.7	0.07	149	120	1.8	0.08	127
147.5	2.2	0.09	186	147.5	2.3	0.09	159
175	2.6	0.11	223	175	2.7	0.11	190
202.5	3.0	0.13	260	202.5	3.2	0.13	222
230	3.4	0.14	298	230	3.6	0.15	254
257.5	3.9	0.16	335	257.5	4.1	0.17	286
285	4.3	0.18	372	285	4.5	0.19	317
312.5	4.7	0.20	409	312.5	5.0	0.21	349
340	5.2	0.22	446	340	5.4	0.23	381
367.5	5.6	0.23	484	367.5	5.9	0.24	412
395	6.0	0.25	521	395	6.3	0.26	444
422.5	6.5	0.27	558	422.5	6.8	0.28	476
450	6.9	0.29	595	450	7.2	0.30	508
477.5	7.3	0.31	632	477.5	7.7	0.32	539
505	7.7	0.32	670	505	8.1	0.34	595
532.5	8.2	0.34	707	532.5	8.6	0.36	603
560	8.6	0.36	744	560	9.0	0.38	634
587.5	9.0	0.38	781	587.5	9.4	0.39	666
615	9.5	0.40	818	615	9.9	0.41	698
642.5	9.9	0.41	856	642.5	10.3	0.43	730
670	10.3	0.43	893	670	10.7	0.45	761
697.5	10.8	0.45	930	697.5	11.2	0.47	793
725	11.2	0.47	967	725	11.6	0.48	825
752.5	11.6	0.49	1004	752.5	12.0	0.50	857
780	12.0	0.50	1042	780	12.5	0.52	888
807.5	12.5	0.52	1079	807.5	12.9	0.54	920
835	12.9	0.54	1116	835	13.3	0.56	952
862.5	13.3	0.56	1153	862.5	13.8	0.57	983
890	13.8	0.58	1190	890	14.2	0.59	1015
917.5	14.2	0.59	1228	917.5	14.6	0.61	1047
945	14.6	0.61	1265	945	15.1	0.63	1079
972.5	15.1	0.63	1302	972.5	15.5	0.65	1110
1000	15.5	0.65	1339	1000	15.9	0.66	1142
1027.5	15.9	0.67	1376	1027.5	16.4	0.68	1174
1055	16.3	0.68	1414	1055	16.8	0.70	1205
1082.5	16.8	0.70	1451	1082.5	17.3	0.72	1237
1110	17.2	0.72	1488	1110	17.7	0.74	1269
1137.5	17.6	0.74	1525	1137.5	18.1	0.76	1301
1165	18.1	0.76	1562	1165	18.6	0.77	1332
1192.5	18.5	0.78	1600	1192.5	19.0	0.79	1364
1220	18.9	0.79	1637	1220	19.4	0.81	1396
1247.5	19.4	0.81	1674	1247.5	19.9	0.83	1428

Standard Ra ≥ 80				High color rendering Ra ≥ 95			
Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)	Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)
1275	19.8	0.83	1711	1275	20.3	0.85	1459
1302.5	20.2	0.85	1748	1302.5	20.7	0.86	1491
1330	20.6	0.86	1786	1330	21.2	0.88	1523
1357.5	21.1	0.88	1823	1357.5	21.6	0.90	1554
1385	21.5	0.90	1860	1385	22.0	0.92	1586
1412.5	21.9	0.92	1897	1412.5	22.5	0.94	1618
1440	22.4	0.94	1934	1440	22.9	0.95	1650
1467.5	22.8	0.95	1972	1467.5	23.3	0.97	1681
1495	23.2	0.97	2009	1495	23.8	0.99	1713
1522.5	23.7	0.99	2046	1522.5	24.2	1.01	1745
1550	24.1	1.01	2083	1550	24.6	1.03	1776
1577.5	24.5	1.03	2120	1577.5	25.1	1.04	1808
1605	24.9	1.04	2158	1605	25.5	1.06	1840
1632.5	25.4	1.06	2195	1632.5	25.9	1.08	1872
1660	25.8	1.08	2232	1660	26.4	1.10	1903
1687.5	26.2	1.10	2269	1687.5	26.8	1.12	1935
1715	26.7	1.12	2306	1715	27.2	1.13	1967
1742.5	27.1	1.13	2344	1742.5	27.7	1.15	1999
1770	27.5	1.15	2381	1770	28.1	1.17	2030
1797.5	28.0	1.17	2418	1797.5	28.5	1.19	2062
1825	28.4	1.19	2455	1825	29.0	1.21	2094
1852.5	28.8	1.21	2492	1852.5	29.4	1.23	2125
1880	29.2	1.22	2530	1880	29.4	1.24	2157
1907.5	29.7	1.24	2567	1907.5	29.8	1.26	2189
1935	30.1	1.26	2604	1935	30.3	1.28	2221
1962.5	30.5	1.28	2641	1962.5	30.7	1.30	2252
1990	31.0	1.30	2678	1990	31.1	1.32	2284
2017.5	31.4	1.31	2716	2017.5	31.6	1.33	2316
2045	31.8	1.33	2753	2045	32.0	1.35	2347
2072.5	32.3	1.35	2790	2072.5	32.4	1.37	2379
2100	32.7	1.37	2827	2100	32.9	1.39	2411
2127.5	33.1	1.39	2864	2127.5	33.3	1.41	2443
2155	33.5	1.40	2902	2155	33.7	1.42	2474
2182.5	34.0	1.42	2939	2182.5	34.2	1.44	2506
2210	34.4	1.44	2976	2210	34.6	1.46	2538
2237.5	34.8	1.46	3013	2237.5	35.0	1.48	2570
2265	35.3	1.48	3050	2265	35.5	1.50	2601
2292.5	35.7	1.49	3088	2292.5	35.9	1.51	2633
2320	36.1	1.51	3125	2320	36.3	1.53	2665
2347.5	36.6	1.53	3162	2347.5	36.8	1.55	2696
2375	37.0	1.55	3199	2375	37.2	1.57	2728
2402.5	37.4	1.57	3236	2402.5	37.7	1.59	2760
2430	37.8	1.58	3274	2430	38.1	1.60	2792
2457.5	38.3	1.60	3311	2457.5	38.5	1.62	2823
2485	38.7	1.62	3348	2485	39.0	1.64	2855

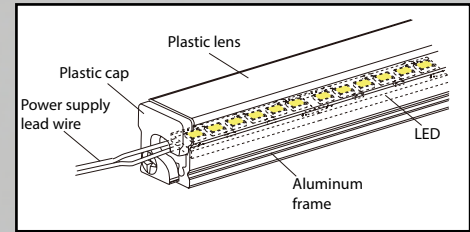
Light output grade (base N color in % of lm) according to color rendering

	D 6500K	DN 5700K	N 5000 K	NW 4500 K	W 4000K	WW 3500 K	L30 3000 K	L27 2700 K	L25 2500K	L22 2200K
Ra ≥ 80	97%	99%	100%	99%	97%	93%	93%	90%	77%	-
Ra ≥ 95	100%	100%	100%	100%	100%	100%	95%	90%	82%	70%

FGG

LED Line Module

Made to fit your projects.



- High efficiency SMD LED
- Compact standard high diffusion profile
- Enhanced CRI Ra 80~95
- Aluminium frame with magnet

FGG - 1000 - NZ-KMG

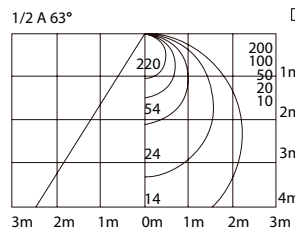
- 1 Fixture name : FGG
 2 Length : Please check frame size reference table
 3 LED colors : L22 = Light bulb (2200K) L25 = Light bulb (2500K)
 L27 = Light bulb (2700K) L30 = Light bulb (3000K)
 WW = Warm white (3500K) W = White (4000K)
 NW Neutral white = (4500K) N = Neutral white (5000K) DN = (5700K) D = Daylight (6500K)
 4 Color rendering: None = Ra ≥ 80 Z = Ra ≥ 95
 5 Connector: K = one side connector
 6 Fixation : CR = Mounting clip
 MG = Magnet (option)

Environment of use : indoor cove / display lighting / accent lighting
 Maximum length in series : 2485 mm
 Driver : DC 24V

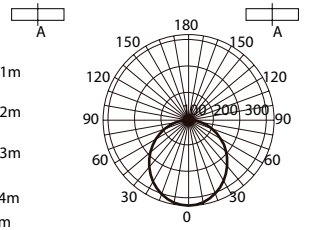
Photometric data

Measured fixture: FGG-505-N (5000K)

Light Intensity distribution



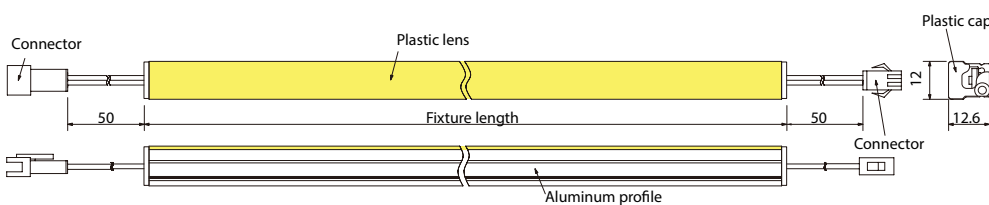
Candlepower Distribution



DC 24V specifications

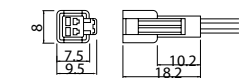
Reference	Length (mm)	LED board length (mm)	Number of LED	CRI (Ra)	Watts (W)	Amps (A)	Maximum length (mm)	Luminous flux (lm)
FGG-1000	1000	990	216	≥ 80	15.5	0.65	2485	1190
FGG-1000-Z	1000	990	216	≥ 95	15.9	0.66	2485	945

Fixtures Dimensions

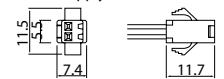


Unit (mm)

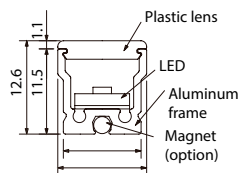
Connectors dimensions



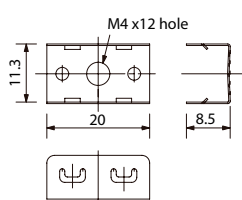
Power supply out:



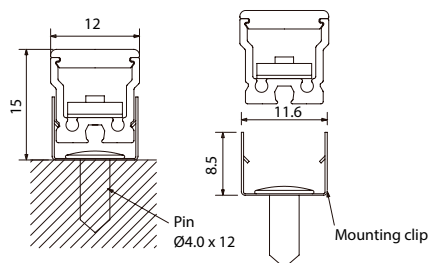
Cross sectional view



Mounting clip dimensions



Mounting dimension specification



Order made sizes by color rendering

Standard Ra ≥ 80				High color rendering Ra ≥ 95			
Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)	Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)
38	0.4	0.02	33	38	0.5	0.02	26
65	0.9	0.04	66	65	0.9	0.04	53
92.5	1.3	0.05	99	92.5	1.4	0.06	79
120	1.7	0.07	132	120	1.8	0.08	105
147.5	2.2	0.09	165	147.5	2.3	0.09	131
175	2.6	0.11	198	175	2.7	0.11	158
202.5	3.0	0.13	231	202.5	3.2	0.13	184
230	3.4	0.14	264	230	3.6	0.15	210
257.5	3.9	0.16	297	257.5	4.1	0.17	236
285	4.3	0.18	331	285	4.5	0.19	263
312.5	4.7	0.20	364	312.5	5.0	0.21	289
340	5.2	0.22	397	340	5.4	0.23	315
367.5	5.6	0.23	430	367.5	5.9	0.24	341
395	6.0	0.25	463	395	6.3	0.26	368
422.5	6.5	0.27	496	422.5	6.8	0.28	394
450	6.9	0.29	529	450	7.2	0.30	420
477.5	7.3	0.31	562	477.5	7.7	0.32	446
505	7.7	0.32	595	505	8.1	0.34	492
532.5	8.2	0.34	628	532.5	8.6	0.36	499
560	8.6	0.36	661	560	9.0	0.38	525
587.5	9.0	0.38	694	587.5	9.4	0.39	551
615	9.5	0.40	727	615	9.9	0.41	578
642.5	9.9	0.41	760	642.5	10.3	0.43	604
670	10.3	0.43	793	670	10.7	0.45	630
697.5	10.8	0.45	826	697.5	11.2	0.47	656
725	11.2	0.47	859	725	11.6	0.48	683
752.5	11.6	0.49	892	752.5	12.0	0.50	709
780	12.0	0.50	925	780	12.5	0.52	735
807.5	12.5	0.52	958	807.5	12.9	0.54	761
835	12.9	0.54	991	835	13.3	0.56	788
862.5	13.3	0.56	1025	862.5	13.8	0.57	814
890	13.8	0.58	1058	890	14.2	0.59	840
917.5	14.2	0.59	1091	917.5	14.6	0.61	866
945	14.6	0.61	1124	945	15.1	0.63	893
972.5	15.1	0.63	1157	972.5	15.5	0.65	919
1000	15.5	0.65	1190	1000	15.9	0.66	945
1027.5	15.9	0.67	1223	1027.5	16.4	0.68	971
1055	16.3	0.68	1256	1055	16.8	0.70	998
1082.5	16.8	0.70	1289	1082.5	17.3	0.72	1024
1110	17.2	0.72	1322	1110	17.7	0.74	1050
1137.5	17.6	0.74	1355	1137.5	18.1	0.76	1076
1165	18.1	0.76	1388	1165	18.6	0.77	1103
1192.5	18.5	0.78	1421	1192.5	19.0	0.79	1129
1220	18.9	0.79	1454	1220	19.4	0.81	1155
1247.5	19.4	0.81	1487	1247.5	19.9	0.83	1181

Standard Ra ≥ 80				High color rendering Ra ≥ 95			
Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)	Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)
1275	19.8	0.83	1520	1275	20.3	0.85	1208
1302.5	20.2	0.85	1553	1302.5	20.7	0.86	1234
1330	20.6	0.86	1586	1330	21.2	0.88	1260
1357.5	21.1	0.88	1619	1357.5	21.6	0.90	1286
1385	21.5	0.90	1653	1385	22.0	0.92	1313
1412.5	21.9	0.92	1686	1412.5	22.5	0.94	1339
1440	22.4	0.94	1719	1440	22.9	0.95	1365
1467.5	22.8	0.95	1752	1467.5	23.3	0.97	1391
1495	23.2	0.97	1785	1495	23.8	0.99	1418
1522.5	23.7	0.99	1818	1522.5	24.2	1.01	1444
1550	24.1	1.01	1851	1550	24.6	1.03	1470
1577.5	24.5	1.03	1884	1577.5	25.1	1.04	1496
1605	24.9	1.04	1917	1605	25.5	1.06	1523
1632.5	25.4	1.06	1950	1632.5	25.9	1.08	1549
1660	25.8	1.08	1983	1660	26.4	1.10	1575
1687.5	26.2	1.10	2016	1687.5	26.8	1.12	1601
1715	26.7	1.12	2049	1715	27.2	1.13	1628
1742.5	27.1	1.13	2082	1742.5	27.7	1.15	1654
1770	27.5	1.15	2115	1770	28.1	1.17	1680
1797.5	28.0	1.17	2148	1797.5	28.5	1.19	1706
1825	28.4	1.19	2181	1825	29.0	1.21	1733
1852.5	28.8	1.21	2214	1852.5	29.4	1.23	1759
1880	29.2	1.22	2247	1880	29.4	1.24	1785
1907.5	29.7	1.24	2280	1907.5	29.8	1.26	1811
1935	30.1	1.26	2314	1935	30.3	1.28	1838
1962.5	30.5	1.28	2347	1962.5	30.7	1.30	1864
1990	31.0	1.30	2380	1990	31.1	1.32	1890
2017.5	31.4	1.31	2413	2017.5	31.6	1.33	1916
2045	31.8	1.33	2446	2045	32.0	1.35	1943
2072.5	32.3	1.35	2479	2072.5	32.4	1.37	1969
2100	32.7	1.37	2512	2100	32.9	1.39	1995
2127.5	33.1	1.39	2545	2127.5	33.3	1.41	2021
2155	33.5	1.40	2578	2155	33.7	1.42	2048
2182.5	34.0	1.42	2611	2182.5	34.2	1.44	2074
2210	34.4	1.44	2644	2210	34.6	1.46	2100
2237.5	34.8	1.46	2677	2237.5	35.0	1.48	2126
2265	35.3	1.48	2710	2265	35.5	1.50	2153
2292.5	35.7	1.49	2743	2292.5	35.9	1.51	2179
2320	36.1	1.51	2776	2320	36.3	1.53	2205
2347.5	36.6	1.53	2809	2347.5	36.8	1.55	2231
2375	37.0	1.55	2842	2375	37.2	1.57	2258
2402.5	37.4	1.57	2875	2402.5	37.7	1.59	2284
2430	37.8	1.58	2908	2430	38.1	1.60	2310
2457.5	38.3	1.60	2941	2457.5	38.5	1.62	2336
2485	38.7	1.62	2975	2485	39.0	1.64	2363

Light output grade (base N color in % of lm) according to color rendering

	D 6500K	DN 5700K	N 5000 K	NW 4500 K	W 4000K	WW 3500 K	L30 3000 K	L27 2700 K	L25 2500K	L22 2200K
Ra ≥ 80	97%	99%	100%	99%	97%	93%	93%	90%	77%	-
Ra ≥ 95	100%	100%	100%	100%	100%	100%	95%	90%	82%	70%

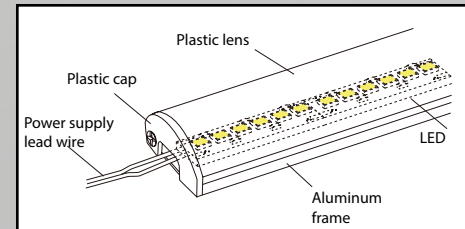
FGO

LED Line Module

Made to fit your projects.



- High efficiency SMD LED
- Compact profile with dome lens allowing high beam
- Enhanced CRI Ra 80~95
- Aluminium frame with magnet



FGO - 1000 - NZ-KMG

1 2 3 4 5 6

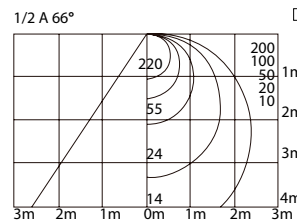
- 1 Fixture name : FGO
 2 Length : Please check frame size reference table
 3 LED colors : L22 = Light bulb (2200K) L25 = Light bulb (2500K)
 L27 = Light bulb (2700K) L30 = Light bulb (3000K)
 WW = Warm white (3500K) W = White (4000K)
 NW Neutral white = (4500K) N = Neutral white
 (5000K) DN = (5700K) D = Daylight (6500K)
 None = Ra ≥ 80 Z = Ra ≥ 95
 4 Color rendering : K = one side connector
 5 Connector : CR = Mounting clip
 6 Fixation : MG = Magnet (option)

Environment of use : indoor cove / display lighting / accent lighting
 Maximum length in series : 2485 mm
 Driver : DC 24V

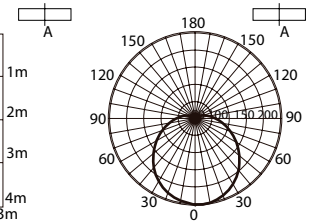
Photometric data

Measured fixture: FGO-505-N (5000K)

Light Intensity distribution



Candlepower Distribution

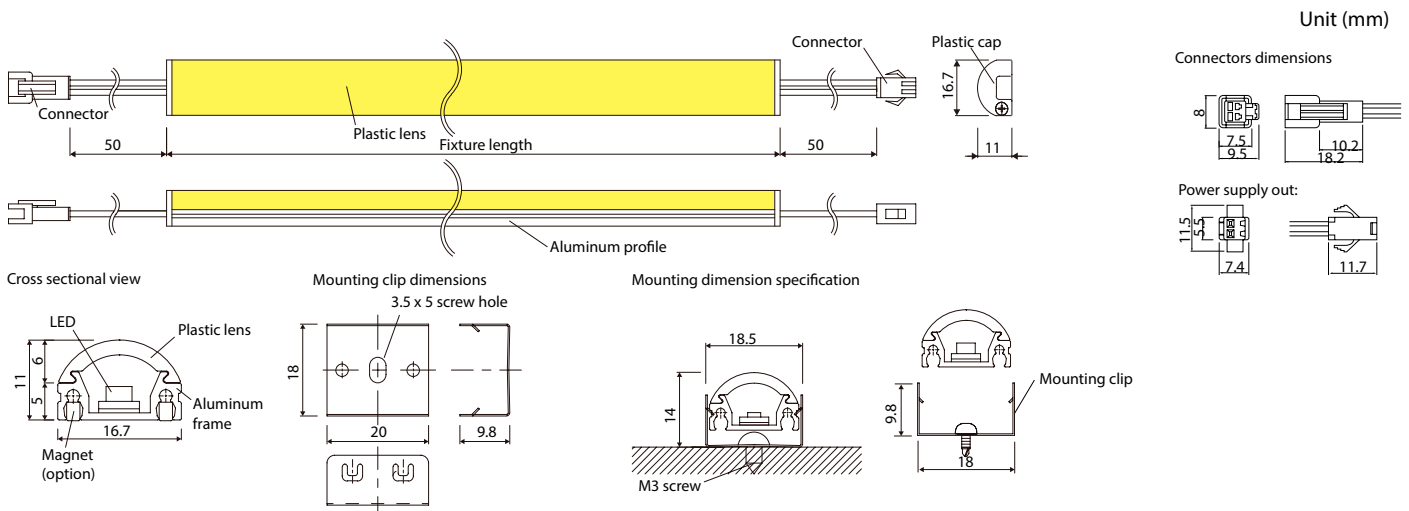


Unit (lx) cd/(1000)lm

DC 24V specifications

Reference	Length (mm)	LED board length (mm)	Number of LED	CRI (Ra)	Watts (W)	Amps (A)	Maximum length (mm)	Luminous flux (lm)
FGO-1000	1000	990	216	≥ 80	15.5	0.65	2485	1465
FGO-1000-Z	1000	990	216	≥ 95	15.9	0.66	2485	1164

Fixtures Dimensions



Order made sizes by color rendering

Standard Ra ≥ 80				High color rendering Ra ≥ 95			
Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)	Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)
38	0.4	0.02	41	38	0.5	0.02	32
65	0.9	0.04	81	65	0.9	0.04	65
92.5	1.3	0.05	122	92.5	1.4	0.06	97
120	1.7	0.07	163	120	1.8	0.08	129
147.5	2.2	0.09	204	147.5	2.3	0.09	162
175	2.6	0.11	244	175	2.7	0.11	194
202.5	3.0	0.13	285	202.5	3.2	0.13	226
230	3.4	0.14	326	230	3.6	0.15	259
257.5	3.9	0.16	366	257.5	4.1	0.17	291
285	4.3	0.18	407	285	4.5	0.19	323
312.5	4.7	0.20	448	312.5	5.0	0.21	356
340	5.2	0.22	488	340	5.4	0.23	388
367.5	5.6	0.23	529	367.5	5.9	0.24	420
395	6.0	0.25	570	395	6.3	0.26	453
422.5	6.5	0.27	611	422.5	6.8	0.28	485
450	6.9	0.29	651	450	7.2	0.30	517
477.5	7.3	0.31	692	477.5	7.7	0.32	550
505	7.7	0.32	733	505	8.1	0.34	582
532.5	8.2	0.34	773	532.5	8.6	0.36	614
560	8.6	0.36	814	560	9.0	0.38	647
587.5	9.0	0.38	855	587.5	9.4	0.39	679
615	9.5	0.40	895	615	9.9	0.41	711
642.5	9.9	0.41	936	642.5	10.3	0.43	744
670	10.3	0.43	977	670	10.7	0.45	776
697.5	10.8	0.45	1018	697.5	11.2	0.47	808
725	11.2	0.47	1058	725	11.6	0.48	841
752.5	11.6	0.49	1099	752.5	12.0	0.50	873
780	12.0	0.50	1140	780	12.5	0.52	905
807.5	12.5	0.52	1180	807.5	12.9	0.54	938
835	12.9	0.54	1221	835	13.3	0.56	970
862.5	13.3	0.56	1262	862.5	13.8	0.57	1002
890	13.8	0.58	1302	890	14.2	0.59	1035
917.5	14.2	0.59	1343	917.5	14.6	0.61	1067
945	14.6	0.61	1384	945	15.1	0.63	1099
972.5	15.1	0.63	1425	972.5	15.5	0.65	1132
1000	15.5	0.65	1465	1000	15.9	0.66	1164
1027.5	15.9	0.67	1506	1027.5	16.4	0.68	1196
1055	16.3	0.68	1547	1055	16.8	0.70	1229
1082.5	16.8	0.70	1587	1082.5	17.3	0.72	1261
1110	17.2	0.72	1628	1110	17.7	0.74	1293
1137.5	17.6	0.74	1669	1137.5	18.1	0.76	1326
1165	18.1	0.76	1709	1165	18.6	0.77	1358
1192.5	18.5	0.78	1750	1192.5	19.0	0.79	1390
1220	18.9	0.79	1791	1220	19.4	0.81	1423
1247.5	19.4	0.81	1832	1247.5	19.9	0.83	1455

Standard Ra ≥ 80				High color rendering Ra ≥ 95			
Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)	Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)
1275	19.8	0.83	1872	1275	20.3	0.85	1487
1302.5	20.2	0.85	1913	1302.5	20.7	0.86	1520
1330	20.6	0.86	1954	1330	21.2	0.88	1552
1357.5	21.1	0.88	1994	1357.5	21.6	0.90	1584
1385	21.5	0.90	2035	1385	22.0	0.92	1617
1412.5	21.9	0.92	2076	1412.5	22.5	0.94	1649
1440	22.4	0.94	2116	1440	22.9	0.95	1681
1467.5	22.8	0.95	2157	1467.5	23.3	0.97	1714
1495	23.2	0.97	2198	1495	23.8	0.99	1746
1522.5	23.7	0.99	2239	1522.5	24.2	1.01	1778
1550	24.1	1.01	2279	1550	24.6	1.03	1811
1577.5	24.5	1.03	2320	1577.5	25.1	1.04	1843
1605	24.9	1.04	2361	1605	25.5	1.06	1875
1632.5	25.4	1.06	2401	1632.5	25.9	1.08	1908
1660	25.8	1.08	2442	1660	26.4	1.10	1940
1687.5	26.2	1.10	2483	1687.5	26.8	1.12	1972
1715	26.7	1.12	2523	1715	27.2	1.13	2005
1742.5	27.1	1.13	2564	1742.5	27.7	1.15	2037
1770	27.5	1.15	2605	1770	28.1	1.17	2069
1797.5	28.0	1.17	2646	1797.5	28.5	1.19	2102
1825	28.4	1.19	2686	1825	29.0	1.21	2134
1852.5	28.8	1.21	2727	1852.5	29.4	1.23	2166
1880	29.2	1.22	2768	1880	29.4	1.24	2199
1907.5	29.7	1.24	2808	1907.5	29.8	1.26	2231
1935	30.1	1.26	2849	1935	30.3	1.28	2263
1962.5	30.5	1.28	2890	1962.5	30.7	1.30	2296
1990	31.0	1.30	2930	1990	31.1	1.32	2328
2017.5	31.4	1.31	2971	2017.5	31.6	1.33	2360
2045	31.8	1.33	3012	2045	32.0	1.35	2393
2072.5	32.3	1.35	3053	2072.5	32.4	1.37	2425
2100	32.7	1.37	3093	2100	32.9	1.39	2457
2127.5	33.1	1.39	3134	2127.5	33.3	1.41	2490
2155	33.5	1.40	3175	2155	33.7	1.42	2522
2182.5	34.0	1.42	3215	2182.5	34.2	1.44	2554
2210	34.4	1.44	3256	2210	34.6	1.46	2587
2237.5	34.8	1.46	3297	2237.5	35.0	1.48	2619
2265	35.3	1.48	3337	2265	35.5	1.50	2651
2292.5	35.7	1.49	3378	2292.5	35.9	1.51	2684
2320	36.1	1.51	3419	2320	36.3	1.53	2716
2347.5	36.6	1.53	3460	2347.5	36.8	1.55	2748
2375	37.0	1.55	3500	2375	37.2	1.57	2781
2402.5	37.4	1.57	3541	2402.5	37.7	1.59	2813
2430	37.8	1.58	3582	2430	38.1	1.60	2845
2457.5	38.3	1.60	3622	2457.5	38.5	1.62	2878
2485	38.7	1.62	3663	2485	39.0	1.64	2910

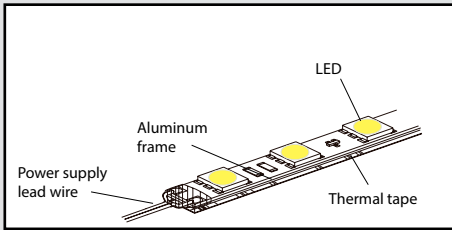
Light output grade (base N color in % of lm) according to color rendering

	D 6500K	DN 5700K	N 5000 K	NW 4500 K	W 4000K	WW 3500 K	L30 3000 K	L27 2700 K	L25 2500K	L22 2200K
Ra ≥ 80	97%	99%	100%	99%	97%	93%	93%	90%	77%	-
Ra ≥ 95	100%	100%	100%	100%	100%	100%	95%	90%	82%	70%

FB

LED Line Module

Made to fit your projects.



- High efficiency SMD LED
- Aluminum heat sink simple design

FB - 1000 - NZ-K

1 2 3 4 5

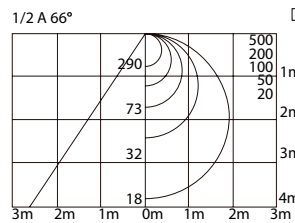
- 1 Fixture name : FB
 2 Length : Please check frame size reference table
 3 LED colors : L22 = Light bulb (2200K) L25 = Light bulb (2500K)
 L27 = Light bulb (2700K) L30 = Light bulb (3000K)
 WW = Warm white (3500K) W = White (4000K)
 NW Neutral white = (4500K) N = Neutral white (5000K) DN = (5700K) D = Daylight (6500K)
 4 Color rendering: None = Ra ≥ 80 Z = Ra ≥ 95
 5 Connector: K = one side connector

Environment of use : indoor cove / display lighting / accent lighting
 Maximum length in series : 1523 mm
 Driver : DC 24V

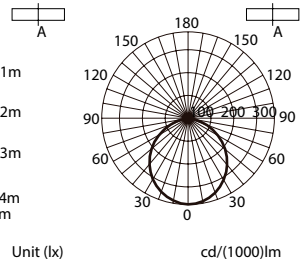
Photometric data

Measured fixture: FB-990-N (5000K)

Light Intensity distribution



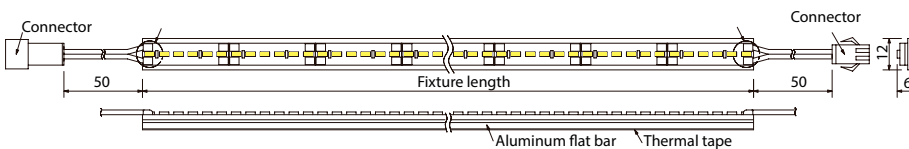
Candlepower Distribution



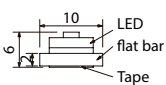
DC 24V specifications

Reference	Length (mm)	LED board length (mm)	Number of LED	CRI (Ra)	Watts (W)	Amps (A)	Maximum length (mm)	Luminous flux (lm)
FB-1000	1000	990	216	≥ 80	15.5	0.65	1523	1721
FB-1000-Z	1000	990	216	≥ 95	15.9	0.66	1523	1500

Fixtures Dimensions

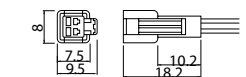


Cross sectional view



Unit (mm)

Connectors dimensions



Power supply out:



Order made sizes by color rendering

Standard Ra ≥ 80				High color rendering Ra ≥ 95			
Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)	Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)
38	0.4	0.02	48	38	0.5	0.02	42
65	0.9	0.04	96	65	0.9	0.04	83
92.5	1.3	0.05	143	92.5	1.4	0.06	125
120	1.7	0.07	191	120	1.8	0.08	167
147.5	2.2	0.09	239	147.5	2.3	0.09	208
175	2.6	0.11	287	175	2.7	0.11	250
202.5	3.0	0.13	335	202.5	3.2	0.13	292
230	3.4	0.14	382	230	3.6	0.15	333
257.5	3.9	0.16	430	257.5	4.1	0.17	375
285	4.3	0.18	478	285	4.5	0.19	417
312.5	4.7	0.20	526	312.5	5.0	0.21	458
340	5.2	0.22	574	340	5.4	0.23	500
367.5	5.6	0.23	621	367.5	5.9	0.24	542
395	6.0	0.25	669	395	6.3	0.26	583
422.5	6.5	0.27	717	422.5	6.8	0.28	625
450	6.9	0.29	765	450	7.2	0.30	667
477.5	7.3	0.31	813	477.5	7.7	0.32	708
505	7.7	0.32	860	505	8.1	0.34	750
532.5	8.2	0.34	908	532.5	8.6	0.36	792
560	8.6	0.36	956	560	9.0	0.38	833
587.5	9.0	0.38	1004	587.5	9.4	0.39	875
615	9.5	0.40	1052	615	9.9	0.41	917
642.5	9.9	0.41	1099	642.5	10.3	0.43	958
670	10.3	0.43	1147	670	10.7	0.45	1000
697.5	10.8	0.45	1195	697.5	11.2	0.47	1042
725	11.2	0.47	1243	725	11.6	0.48	1083
752.5	11.6	0.49	1291	752.5	12.0	0.50	1125
780	12.0	0.50	1338	780	12.5	0.52	1167

Standard Ra ≥ 80				High color rendering Ra ≥ 95			
Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)	Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)
807.5	12.5	0.52	1386	807.5	12.9	0.54	1208
835	12.9	0.54	1434	835	13.3	0.56	1250
862.5	13.3	0.56	1482	862.5	13.8	0.57	1292
890	13.8	0.58	1530	890	14.2	0.59	1333
917.5	14.2	0.59	1577	917.5	14.6	0.61	1375
945	14.6	0.61	1625	945	15.1	0.63	1417
972.5	15.1	0.63	1673	972.5	15.5	0.65	1458
1000	15.5	0.65	1721	1000	15.9	0.66	1500
1027.5	15.9	0.67	1769	1027.5	16.4	0.68	1542
1055	16.3	0.68	1816	1055	16.8	0.70	1583
1082.5	16.8	0.70	1864	1082.5	17.3	0.72	1625
1110	17.2	0.72	1912	1110	17.7	0.74	1667
1137.5	17.6	0.74	1960	1137.5	18.1	0.76	1708
1165	18.1	0.76	2008	1165	18.6	0.77	1750
1192.5	18.5	0.78	2055	1192.5	19.0	0.79	1792
1220	18.9	0.79	2103	1220	19.4	0.81	1833
1247.5	19.4	0.81	2151	1247.5	19.9	0.83	1875
1275	19.8	0.83	2199	1275	20.3	0.85	1917
1302.5	20.2	0.85	2247	1302.5	20.7	0.86	1958
1330	20.6	0.86	2294	1330	21.2	0.88	2000
1357.5	21.1	0.88	2342	1357.5	21.6	0.90	2042
1385	21.5	0.90	2390	1385	22.0	0.92	2083
1412.5	21.9	0.92	2438	1412.5	22.5	0.94	2125
1440	22.4	0.94	2486	1440	22.9	0.95	2167
1467.5	22.8	0.95	2533	1467.5	23.3	0.97	2208
1495	23.2	0.97	2581	1495	23.8	0.99	2250
1522.5	23.7	0.99	2629	1522.5	24.2	1.01	2292

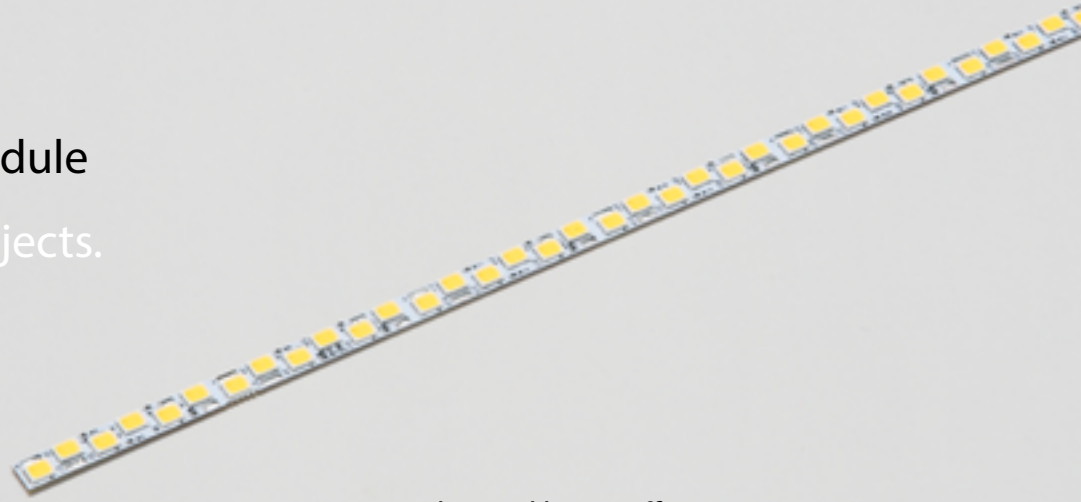
Light output grade (base N color in % of lm) according to color rendering

	D 6500K	DN 5700K	N 5000 K	NW 4500 K	W 4000K	WW 3500 K	L30 3000 K	L27 2700 K	L25 2500K	L22 2200K
Ra ≥ 80	97%	99%	100%	99%	97%	93%	93%	90%	77%	-
Ra ≥ 95	100%	100%	100%	100%	100%	100%	95%	90%	82%	70%

LXSS

High Power LED Module

Made to fit your projects.



- Enhanced beam effect SMD LED
- Compact 5mm width LED board
- Enhanced CRI Ra 80~95
- Pitch 4.6mm

LXSS - 495 - NZ

1 2 3 4

1 Fixture name :

2 Length :

3 LED colors :

4 Color rendering:

Environment of use :

Power supply:

Maximum length in series :

LXSS = High Power LED Module

27.5 to 3465 mm by unit of 27.5 mm

L22 = Light bulb (2200K) L25 = Light bulb (2500K)

L27 = Light bulb (2700K) L30 = Light bulb (3000K)

WW = Warm white (3500K) W = White (4000K)

NW Neutral white = (4500K) N = Neutral white

(5000K) DN = (5700K) D = Daylight (6500K)

None = Ra ≥ 80 Z = Ra ≥ 95

indoor cove / display lighting / accent lighting

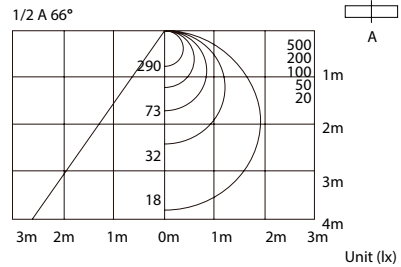
DC 24V

3465mm

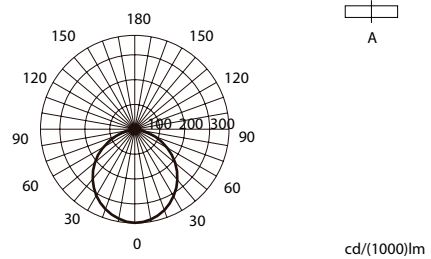
Photometric data

Measured fixture: LXSS-495-N (5000K)

Light Intensity distribution



Candlepower Distribution

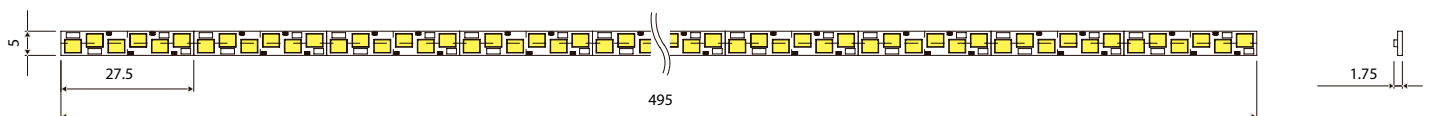


DC 24V specifications

Reference	Length (mm)	Minimum length (mm)	Number of LED	CRI (Ra)	Watts (W)	Amps (A)	Maximum length (mm)	Luminous flux (lm)
LXSS-495	495	27.5	108	≥ 80	7.7	0.32	3465	860
LXSS-495-Z	495	27.5	108	≥ 95	8.1	0.34	3465	750

Dimensions

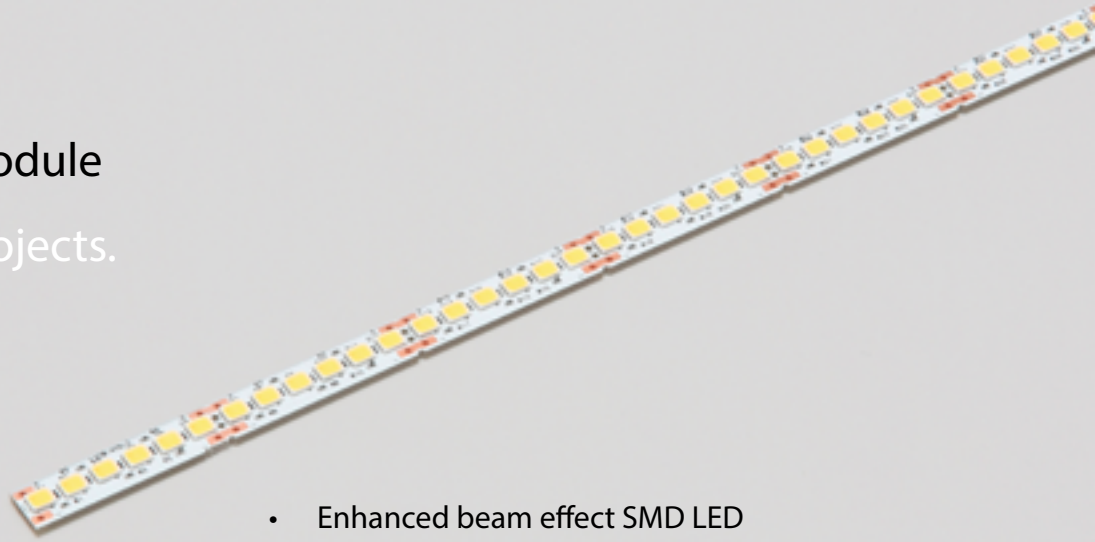
Unit (mm)



LXSW

High Power LED Module

Made to fit your projects.



- Enhanced beam effect SMD LED
- 7mm width LED board with enhanced heat transfer
- Enhanced CRI Ra 80~95
- Pitch 4.6mm

LXSW - 495 - NZ

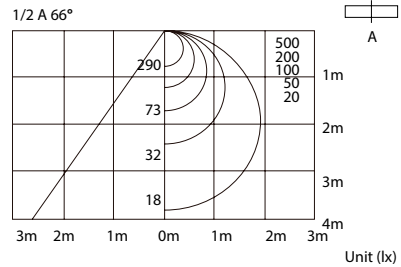
1 2 3 4

- 1 Fixture name : LXSW = High Power LED Module
 2 Length : 27.5 to 3960 mm by unit of 27.5 mm
 3 LED colors : L22 = Light bulb (2200K) L25 = Light bulb (2500K)
 L27 = Light bulb (2700K) L30 = Light bulb (3000K)
 WW = Warm white (3500K) W = White (4000K)
 NW Neutral white = (4500K) N = Neutral white (5000K) DN = (5700K) D = Daylight (6500K)
 None = Ra ≥ 80 Z = Ra ≥ 95
- 4 Color rendering:
 Color rendering (CRI): 80~95 Ra
 Environment of use : indoor cove / display lighting / accent lighting
 Power supply: DC 24V
 Maximum length in series : 3960mm

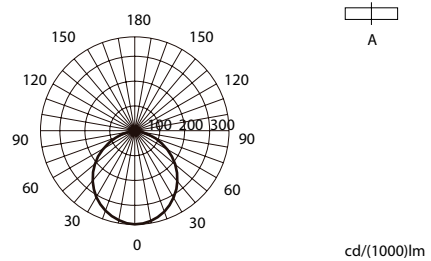
Photometric data

Measured fixture: LXSW-495-N (5000K)

Light Intensity distribution



Candlepower Distribution

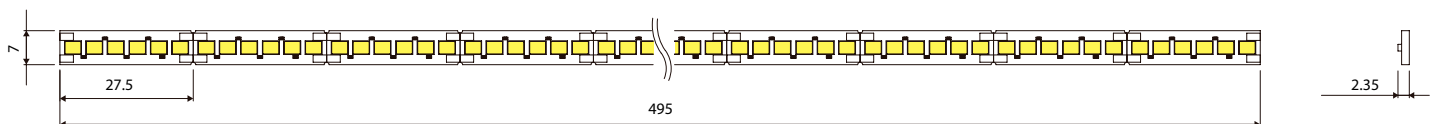


DC 24V specifications

Reference	Length (mm)	Minimum length (mm)	Number of LED	CRI (Ra)	Watts (W)	Amps (A)	Maximum length (mm)	Luminous flux (lm)
LXSW-495	495	27.5	108	≥ 80	7.7	0.32	3960	860
LXSW-495-Z	495	27.5	108	≥ 95	8.1	0.34	3960	750

Dimensions

Unit (mm)

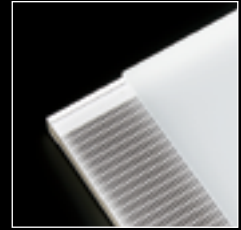


Light Sheet



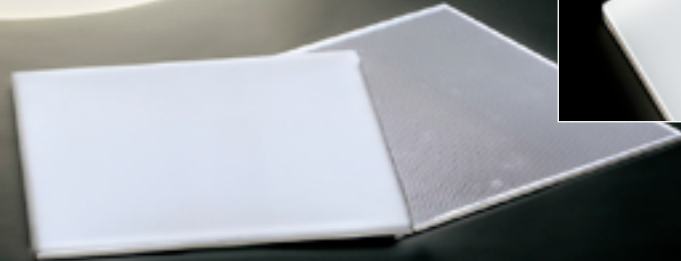
LDUS

Light Sheet



Thin. Light.
Fit everywhere.

- SMD LED enhanced beam effect
- Emitting sheet thickness : 8mm
- Easy design



LDUS - B1- D

- 1 Fixture name :
- 2 Size :
- 3 LED color :

LDUS = Light Sheet Unit
 Max 1800 x 900 mm
 L25 = Light bulb (2500K)
 L27 = Light bulb (2700K)
 L30 = Light bulb (3000K)
 WW = Warm white (3500K)
 W = White (4000K)
 NW = (4500K)
 N = Neutral white (5000K)
 DN = (5700K)
 D = Daylight (6500K)

Environment of use : indoor display lighting, advertising
 Structure: Flexible LED and emitting sheet
 Driver : DC 24V

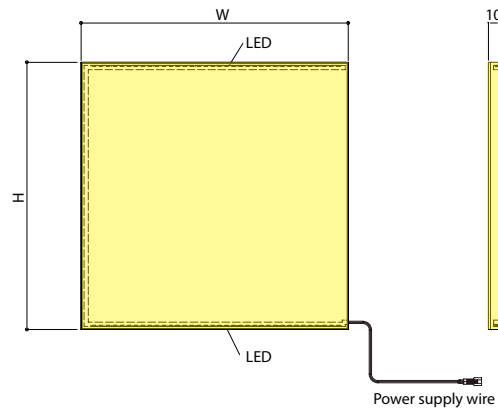
Order made ligh sheet panel

Upon request, FKK can produce any size, any shape, any texture that you need for your project. Do not hesitate to contact us to get a quotation.

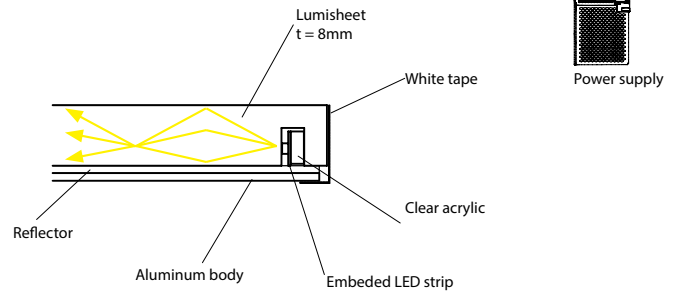
Dimensions

Unit (mm)

External dimension



Cross section details



Accessory





OT G2

IP66 Power supply

OSRAM

Dimmable 0-100%

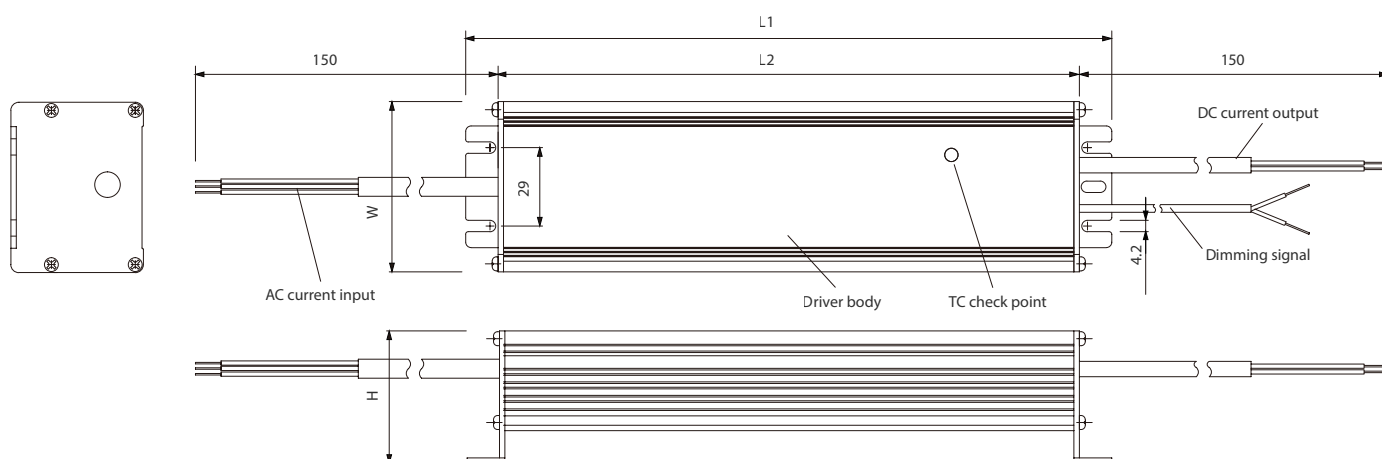


DC 24V specifications OT G2

Reference	Power (W)	Current (A)	Input voltage (V)	Operation temperature (°C)	Efficiency/ Power factor	Operation condition	Standards	Dimensions (L1xL2xWxH mm)
OT30/100-200/24-G2	30	DC 24V 1.25A	AC 1000~200V	-30~60°C	83% / 0.95	IP66	CE, CCC, PSE	195 x 174 x 51 x 33
OT60/100-200/24-G2	60	DC 24V 2.5A			85% / 0.95			200 x 176 x 63 x 49
OT90/100-200/24-G2	90	DC 24V 3.75A			85% / 0.95			219 x 195 x 63 x 49
OT150/100-200/24-G2	150	DC 24V 6.25A			85% / 0.95			239 x 215 x 63 x 49

When you choose a power supply, for safety and rating life reasons, power supply should not support more than 80% of wattage capacity.

Dimensions



Power supply made by Osram GmbH, comply with CE, CCC and PSE standards.
For more information about the products, please consult the web site: www.osram.com

OT G3

IP67 Power supply

OSRAM

Dimmable 0-100%

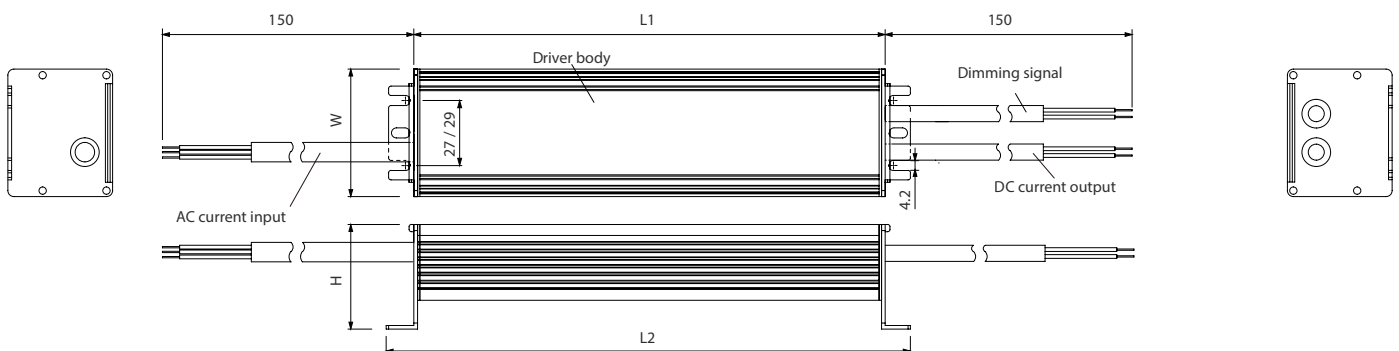


DC 24V specifications OT G3

Reference	Power (W)	Current (A)	Input voltage (V)	Operation temperature (°C)	Efficiency/ Power factor	Operation condition	Standards	Dimensions (L1xL2xWxH mm)
OT30/100-200/24-G3	30	DC 24V 1.25A	AC 1000~242V	-40~70°C	83.5% / 0.95	IP67	CE, CCC, PSE	195 174 x 51 x 33
OT60/100-200/24-G3	60	DC 24V 2.5A			86% / 0.95			167 x 145 x 53 x 43.5
OT90/100-200/24-G3	90	DC 24V 3.75A			87% / 0.95			202 x 180 x 53 x 43.5
OT150/100-200/24-G3	150	DC 24V 6.25A			89% / 0.95			217 x 195 x 53 x 43.5

When you choose a power supply, for safety and rating life reasons, power supply should not support more than 80% of wattage capacity.

Dimensions



Power supply made by Osram GmbH, comply with CE, CCC and PSE standards.
For more information about the products, please consult the web site: www.osram.com

FMC-24S/R

Dimmer control



FMC-24SW



FMC-24SG



FMC-24SB



FMC-24RW



FMC-24RG



FMC-24RB

FMC-24 - S - W

1 2 3

1 Product name :
2 Type :
3 Color :

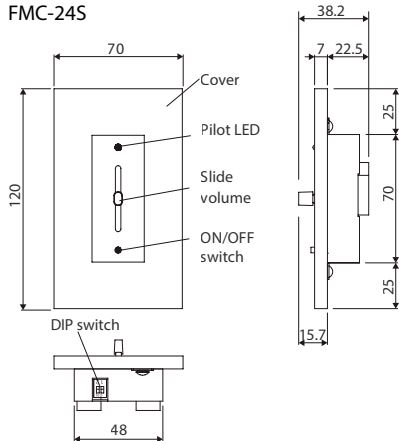
FMC-24= DC24V dimmer control
S = dimmer switch, R = dimmer wheel
W = White, G = Grey, B = Black

DC 24V specifications

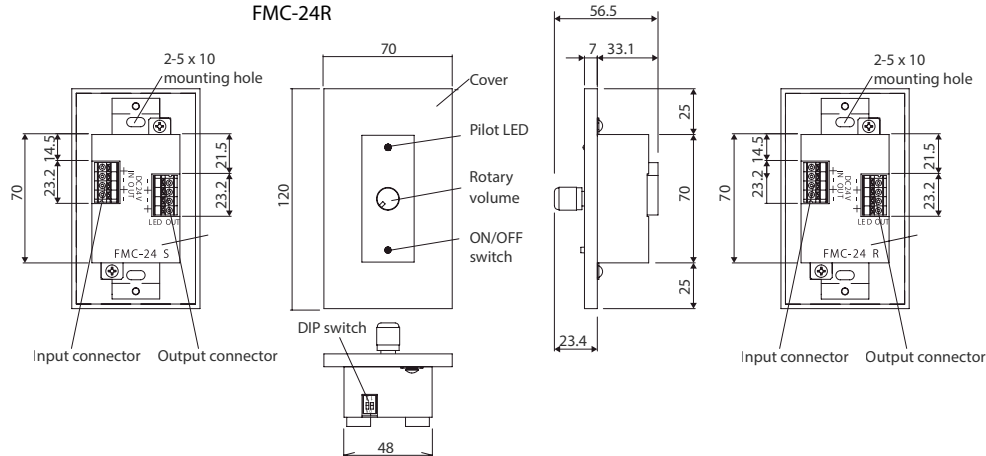
Reference	Dimensions (W x H x D mm)	Weight (g)	Max output current (A)	Max load capacity (W)	Signal	Price
FMC-24S	70 x 120 x 38.2	168	6.3	150	PWM	34500 ¥
FMC-24R	70 x 120 x 56.5	216				

Dimensions

FMC-24S



FMC-24R



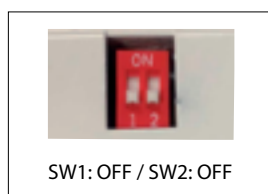
Connection / Installation

DIP switch configuration

2 switch configuration are available:

1. Normal configuration
2. Noise reduction configuration

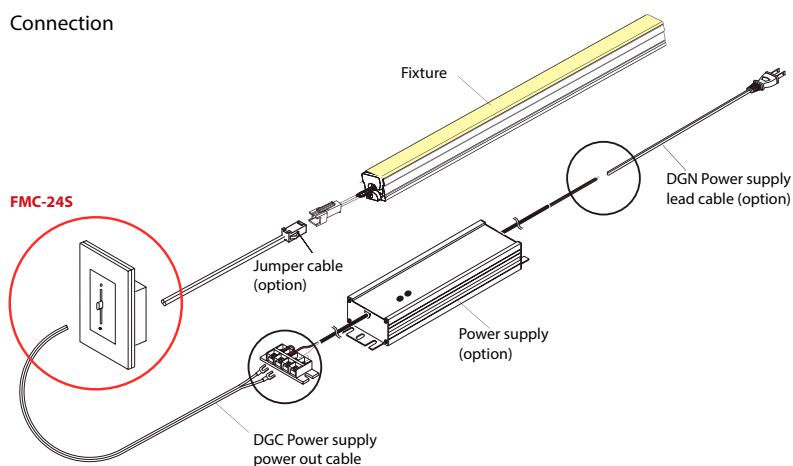
1. Normal configuration



2. Noise reduction configuration

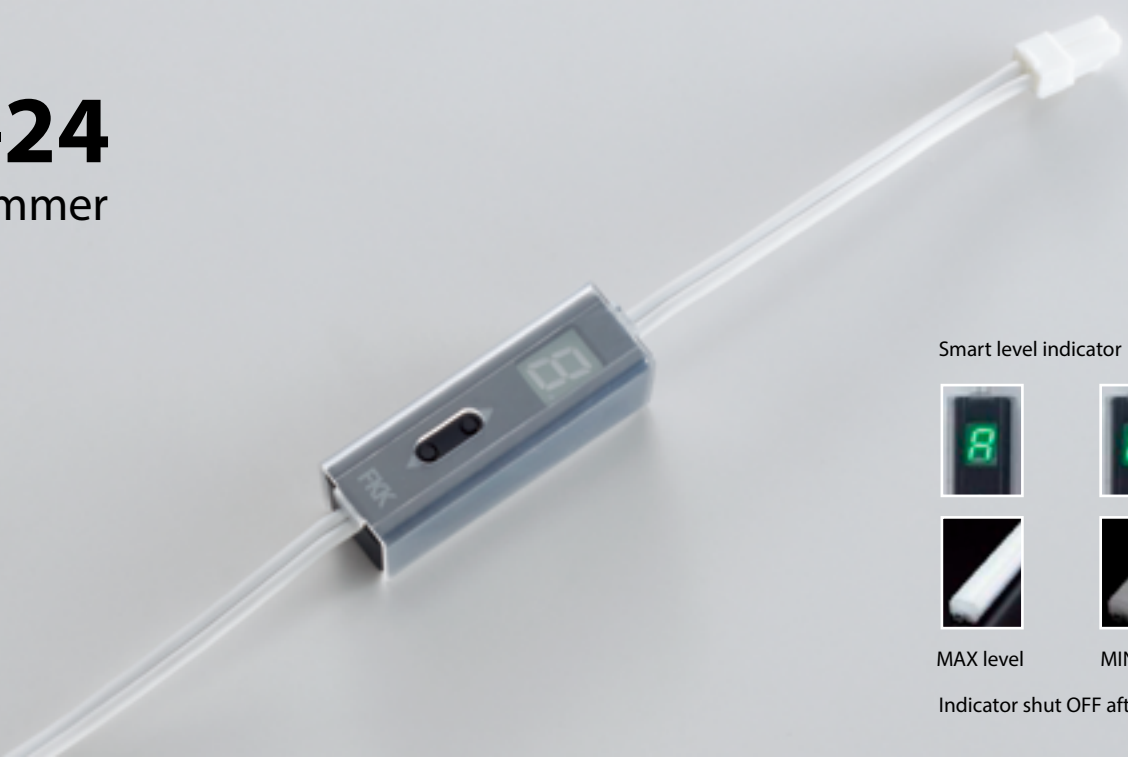


Connection



FSD-24

Simple dimmer



Smart level indicator



MAX level

MIN level

Indicator shut OFF after 30s

FSD-24

1 Product name :

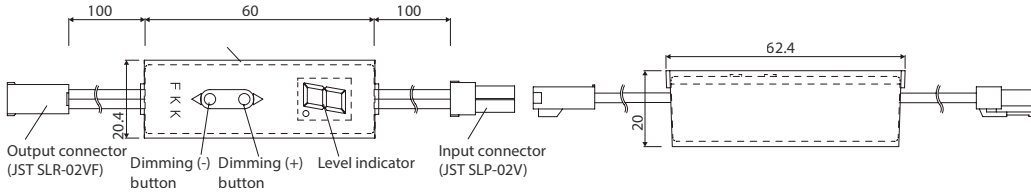
FSD-24= DC24V simple dimmer

1

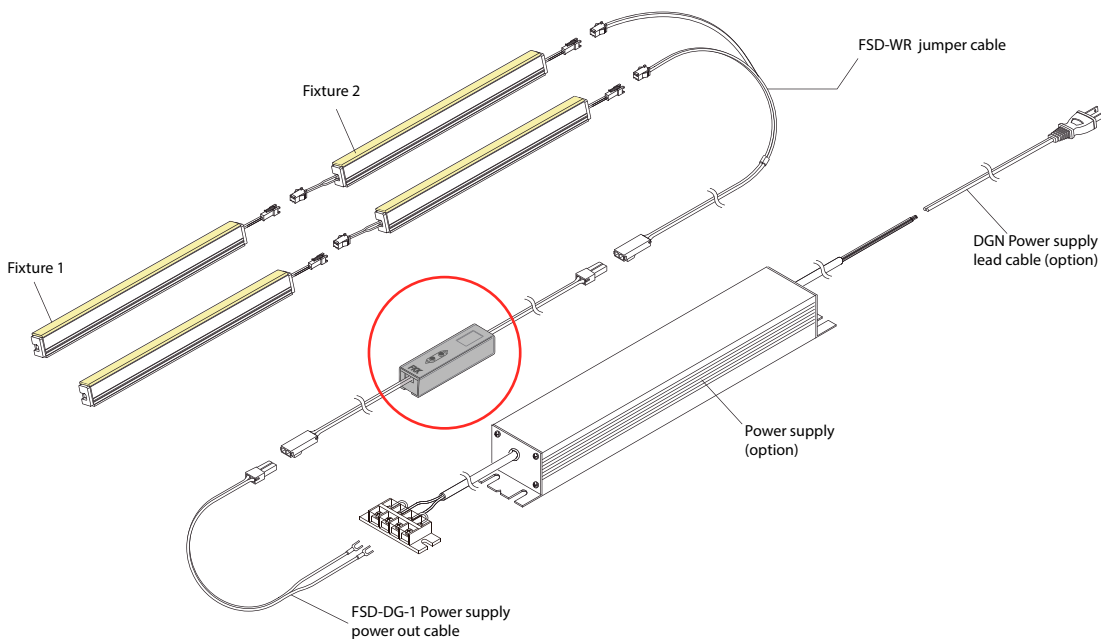
DC 24V specifications

Reference	Dimensions (W x H x D mm)	Weight (g)	Max output current (A)	Max load capacity (W)	Signal	Price
FSD-24	60 x 20.4 x 20	25	6.3	150	PWM	9900 ¥

Dimensions



Connection / Installation



Corporate Profile

Address	11 Tsutsumisoto-cho Kisshoin Minami-ku, 601-8399 Kyoto, JAPAN TEL: 075-314-8760 FAX: 075-314-4167
Establishment	1954/02
Capital	1,0000000 JPY
Founder	CEO Kazuo Kawata
Employees	188 (2022/01)
Main sites	Head Office (Kyoto), Fukuchiyama plant (I and II), Suzhou plant
Representative office	Tokyo, Osaka, Nagoya, Sendai, Fukuoka
Branch	Suzhou, Seoul
Member organization	Japan LED Association (JLEDS) Kyoto Chamber of commerce



Corporate philosophy

At FKK we are constantly thinking about how to contribute to today's environmental challenges via solutions and systems to save energy and create a brighter world. We are continuously looking for innovative and smarter solutions and achieve our goal through customer's satisfaction. We are building harmony between people, foster a supportive and dynamic workplace, and deal sincerely with all tasks and people we encounter. We believe in prospering by bringing prosperity to society as a whole. With every new challenge, we seek to develop unique solutions from a fresh perspective, driving the growth and advancement of our company. We achieve this through strong principles to ensure a permanent and responsible prosperity, considering human, human development and its relation with environment as the center of our business strategy.

Environment

In a world where our natural environment is a bit more threatened every day, FKK have always been committed to nature. Considering the environmental protection as an essential purpose, in compliance with environmental standards (ISO 14001, REACH and RoHS) FKK designs and develops solutions that are more respectful of nature.

Quality

FKK gain the satisfaction and trust of the customer by drawing on unique technology and skills. We take customer's point of view all the time and constantly improving customer satisfaction, responsiveness and the ability to take prompt and effective action. FKK put the quality management system (ISO 9001) to effective use and constantly improve the quality of products and services.

History

- 1954.02: Foundation of Fuji Kogyo Kabushikikaisha in Kyoto, Japan
- 1957.02: Production of spark plug for agricultural machinery
- 1970.02: First production of igniters for oil burner
- 1985.02: The headquarter moved to Kisshoin, Kawata Genjiro becomes president of the group
- 1988.04: New factory built in Fukuchiyama
- 2003.02: Establishment of Shanghai subsidiary
- 2005.05: Obtained ISO 9001 certification
- 2006.02: Award of the best top 300 Japanese SME from the Japanese Ministry of Industry
- 2006.02: Award for the Best 21st century's SME from Kyoto prefecture
- 2007.06: Obtaining the ISO 14001 certification. Fuji Kogyo becomes FKK Corporation, a new headquarters is built
- 2008.01: Establishment of LED production laboratory
- 2008.09: First high luminescence LED production
- 2010.02: New plant in Fukuchiyama
- 2012.11: Establishment of Osaka office
- 2013.01: Fukuchiyama ignition electrode plant is automated
- 2014.01: Establishment of Sendai office
- 2014.06: Establishment of Fukuoka office
- 2014.07: Incorporation of FKK Corporation Suzhou
- 2014.10: FKK high CRI lighting selected for Hokusai manga exhibition in Paris
- 2015.10: Establishment of Nagoya office
- 2017.09: Establishment of LED fixtures assembly plant in Fukuchiyama
- 2018.09: New laser cutting and PCB production equipment incorporated
- 2020.01: New surface mounting line and reflow equipment incorporated

Network

Head office / Sales

11 Tsutsumisoto-cho Kisshoin
Minami-ku, 601-8399 Kyoto, JAPAN

TEL +81(0)7-5314-8760
FAX +81(0)7-5314-4167



Tokyo office

Auspice Uchi Kanda 8F, 1-15-18
Kanda, Chiyoda-ku nai, 101-0047
Tokyo, JAPAN

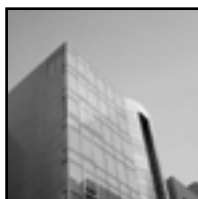
TEL +81(0)3-6273-7396
FAX +81(0)3-6273-7397



Osaka office

Kurei Igobashi Building 7F, Edohori
1-17-17 Nishi Ku, 550-0002 Osaka,
JAPAN

TEL +81(0)6-6940-7104
FAX +81(0)6-6940-7106



Sendai office

Kadokawa Building 5F, 2-7-30
Chuo, Aoba-ku, 981-0021 Sendai,
JAPAN

TEL +81(0)2-2796-6527
FAX +81(0)2-2796-6526



Fukuoka office

Shinkansen Building No.2 4F,
Hakata-eki-higashi, Hakata-ku,
812-0013 Fukuoka, JAPAN

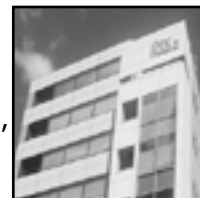
TEL +81(0)9-2477-3684
FAX +81(0)9-2477-3685



Nagoya office

RIX 2 Building 5F, Marunouchi
3-17-28, Chuo-ku, Nagoya 460-0002,
JAPAN

TEL +81(0)5-5228-6539
FAX +81(0)5-5228-6569



Fukuchiyama Showacho plant

83 Shōwachō,
620-0052 Fukuchiyama, , JAPAN

TEL +81(0)7-7345-8761
FAX +81(0)7-7345-8762



FKK Corporation
www.fkk-corporation.com

