

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 2 3 4

1 Fixture name :

2 Length :

3 LED color :

4 Connector :

Environment of use :

Maximum length in series :

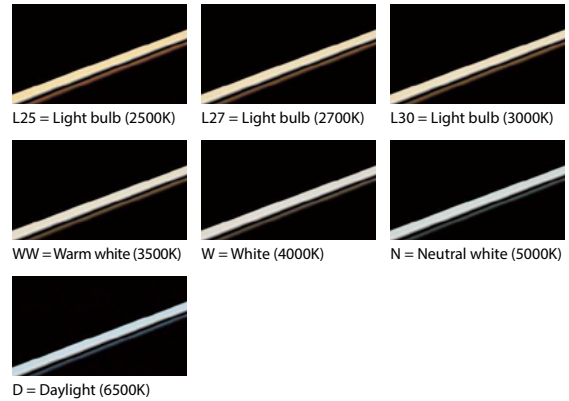
Driver :

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

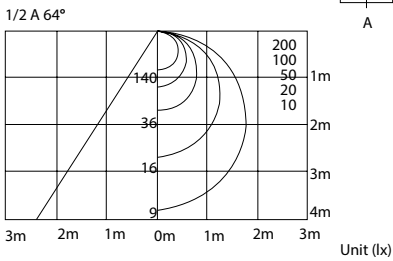
Color temperature CCT



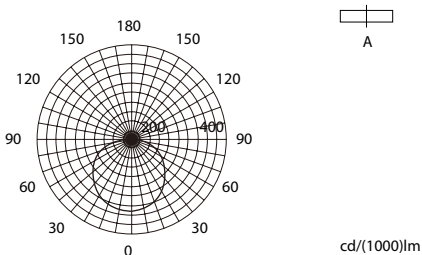
Photometric data

Measured fixture: FMS-1004-N

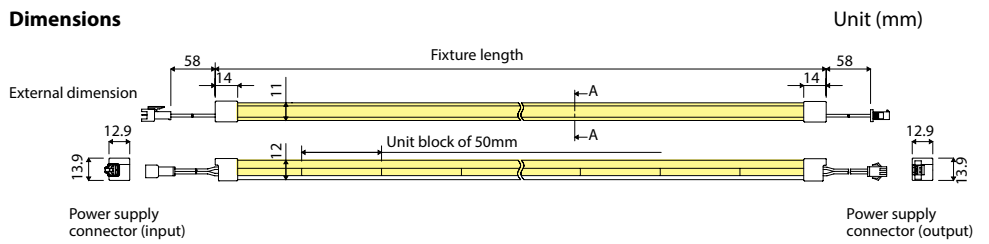
Light Intensity distribution



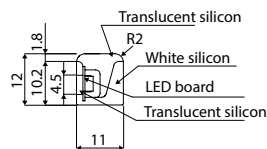
Candlepower Distribution



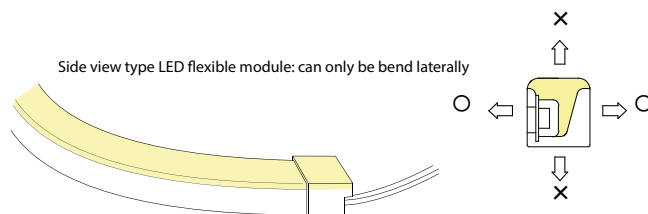
Dimensions



Cross sectional view A-A



Bending direction



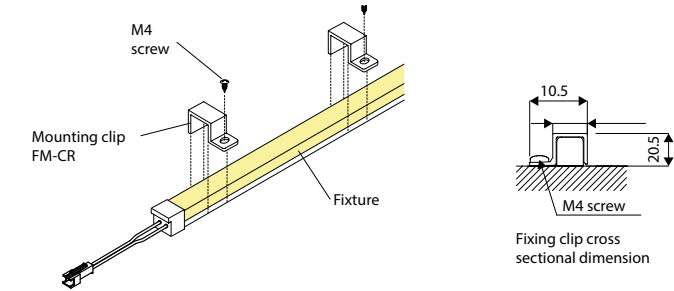
DC 24V standard specifications

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

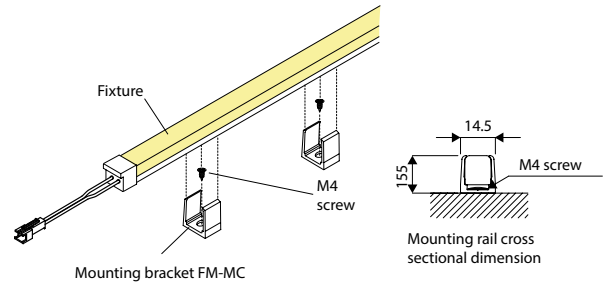
Other size possible upon request. Please check order made size table.

Installation

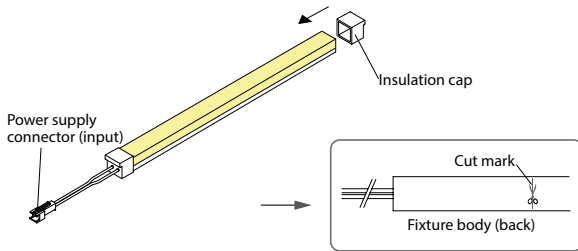
Mounting clip installation



Mounting bracket installation



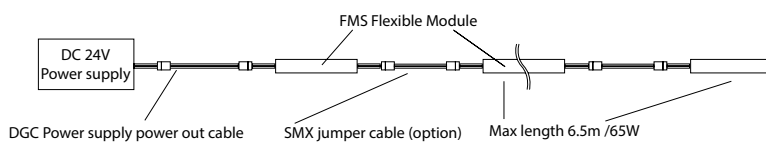
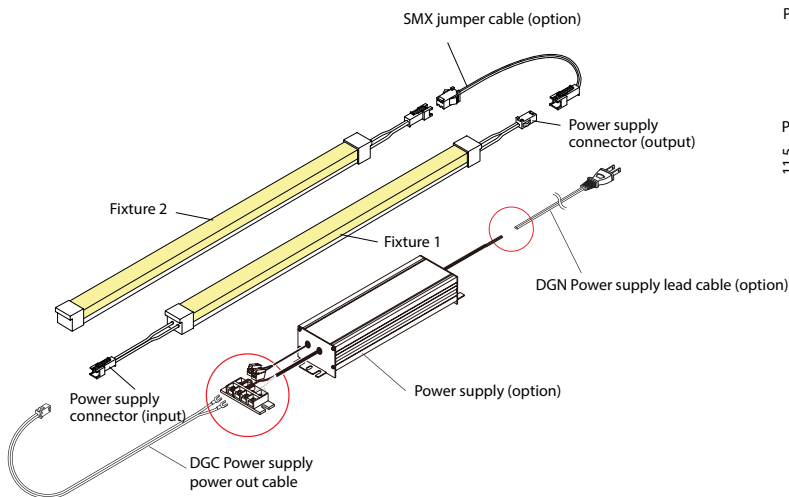
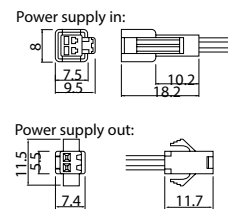
Cutting the fixture



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



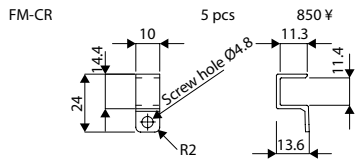
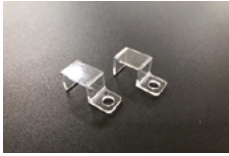
Order made sizes

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

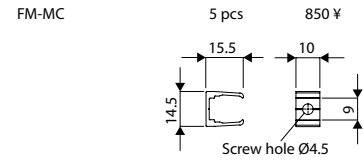
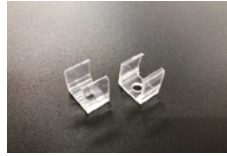
Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FMS-3295	3295	0.49	462	31.68	1.32	1518
FMS-3345	3345	0.50	469	32.16	1.34	1541
FMS-3395	3395	0.50	476	32.64	1.36	1564
FMS-3444	3444	0.51	483	33.12	1.38	1587
FMS-3494	3494	0.52	490	33.6	1.40	1610
FMS-3544	3544	0.53	497	34.08	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

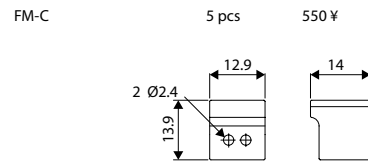
Mounting bracket FM-CR



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

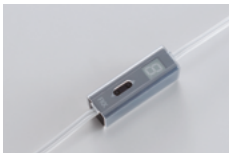


FMC-24S/R	1 pcs	34500 ¥
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Available in 3 colors:

	White
	Grey
	Black

DC 24V simple dimmer FSD-24



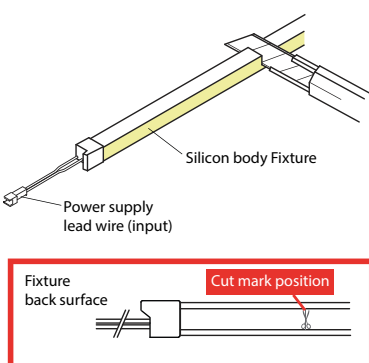
FSD-24	1 pcs	9900 ¥
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Cutting of the FMS Flexible LED Module

- 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.

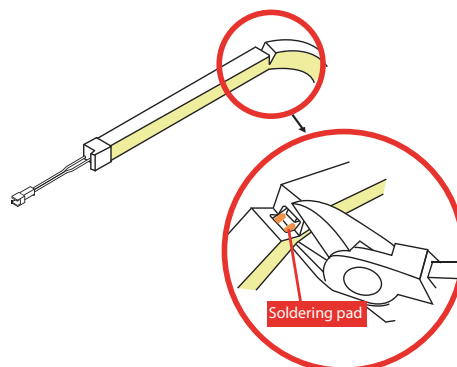
Step 1: Silicon body cut (half cut)

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.

