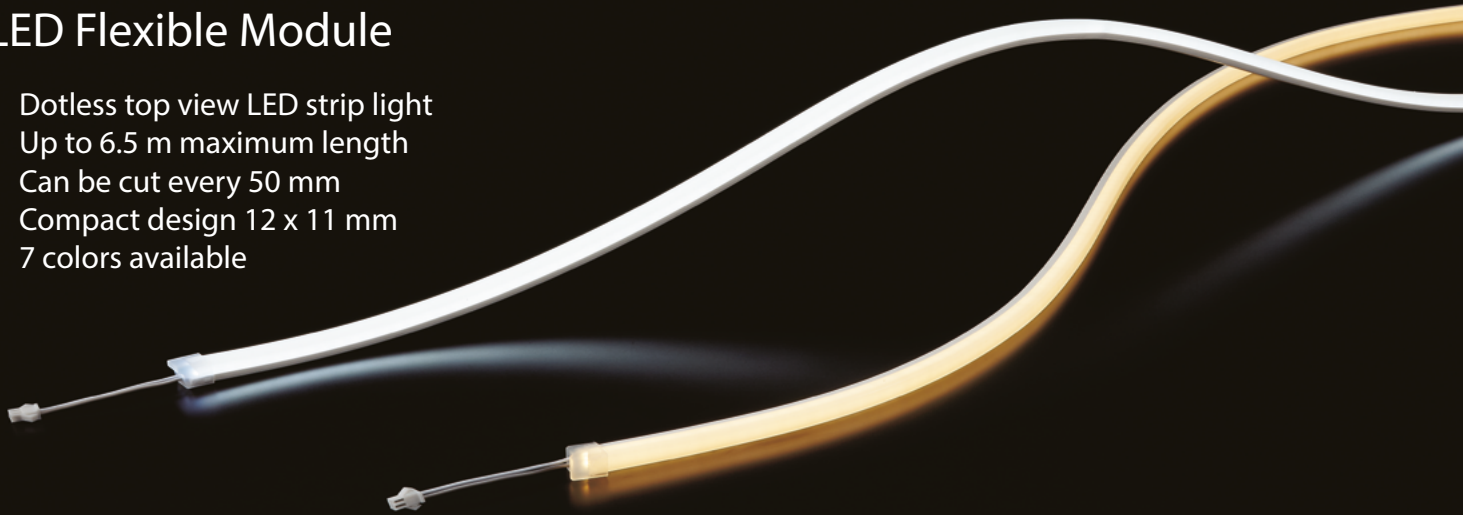


FMT

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

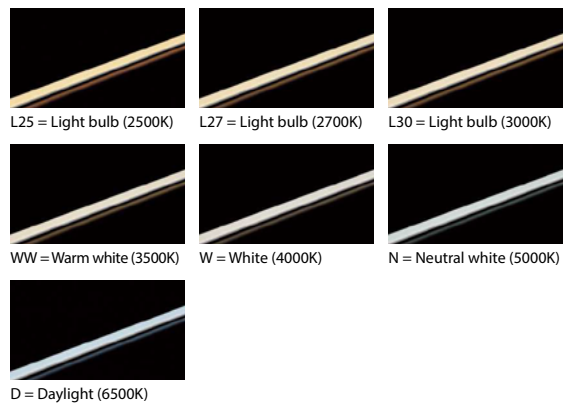
Environment of use : indoor cove / display lighting / accent lighting

Also available in IP65 (see FMT-A)

Maximum length in series : 6500mm

Driver : DC 24V

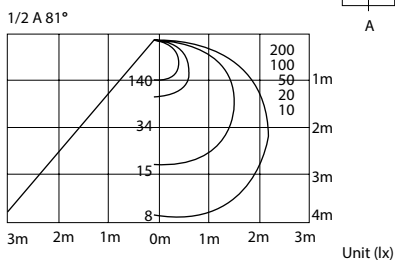
Color temperature CCT



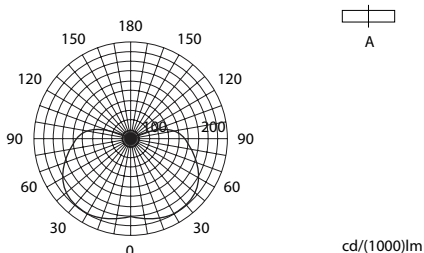
Photometric data

Measured fixture: FMT-1004-N

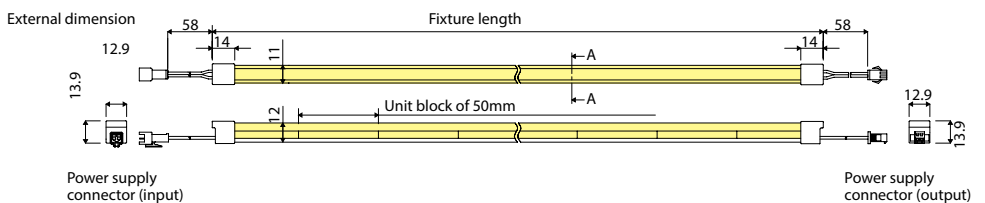
Light Intensity distribution



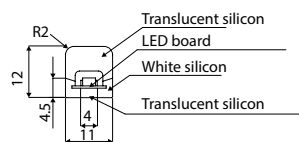
Candlepower Distribution



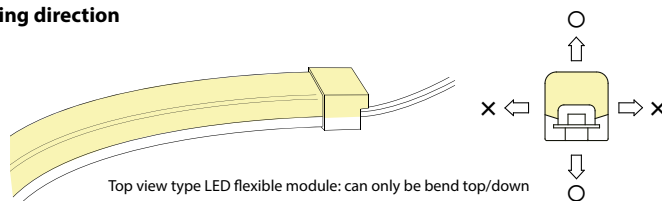
Dimensions



Cross sectional view A-A



Bending direction



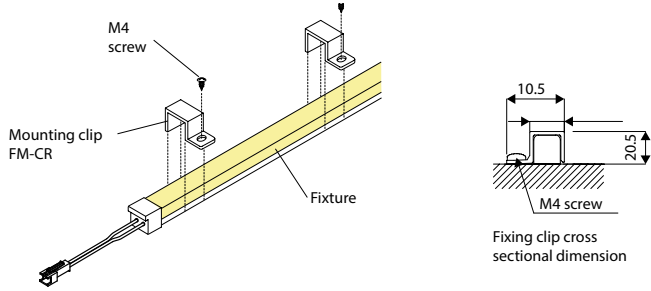
DC 24V standard specifications

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

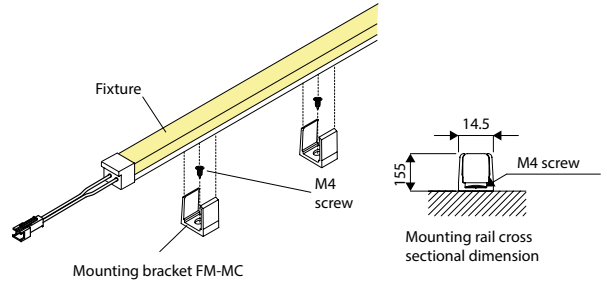
Other size possible upon request. Please check order made size table on following page.

Installation

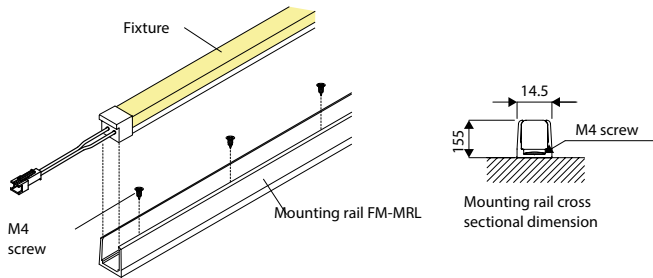
Mounting clip installation



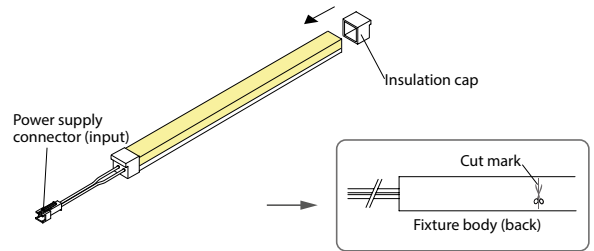
Mounting bracket installation



Mounting rail installation

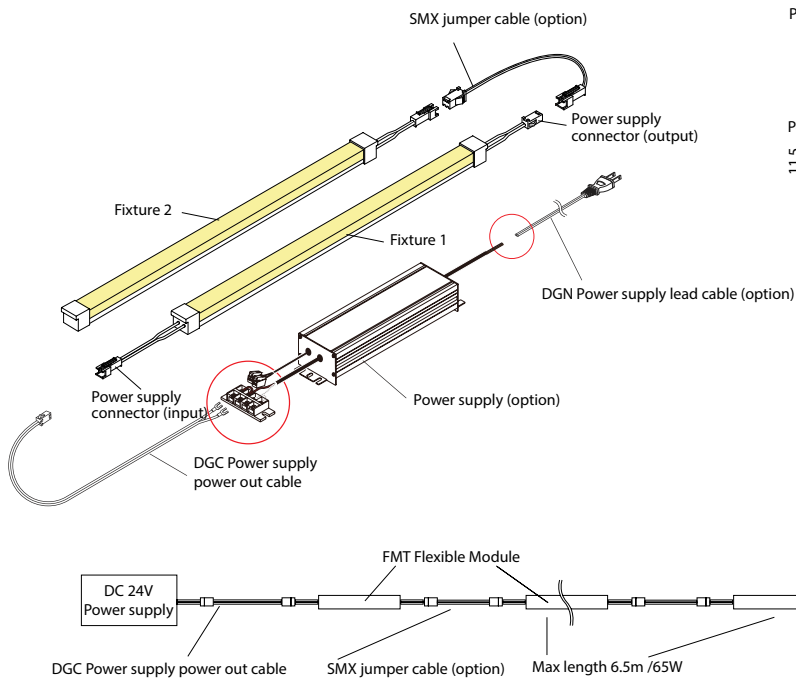


Cutting the fixture



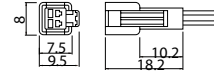
The FMT flexible module can be cut at every section of 50 mm. Just use a cisor or a cutter to cut on indicated mark on the fixture.

Power supply connection

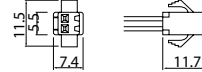


Connector dimension

Power supply in:



Power supply out:



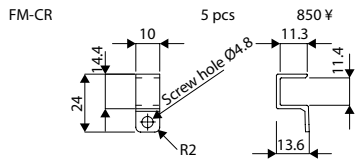
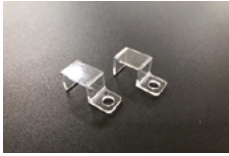
Order made sizes

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

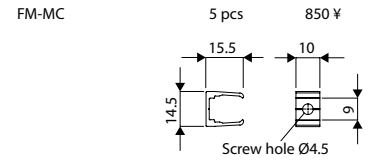
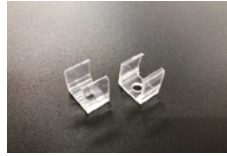
Reference	Length (mm)	Weight (kg)	No. of LED	Watts (W)	Amps (A)	Luminous flux (lm)
FMT-3295	3295	0.49	462	31.68	1.32	2574
FMT-3345	3345	0.50	469	32.16	1.34	2613
FMT-3395	3395	0.50	476	32.64	1.36	2652
FMT-3444	3444	0.51	483	33.12	1.38	2691
FMT-3494	3494	0.52	490	33.6	1.40	2730
FMT-3544	3544	0.53	497	34.08	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

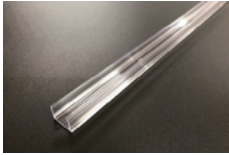
Mounting bracket FM-CR



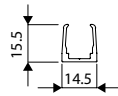
Mounting clip FM-MC



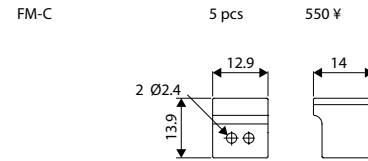
Mounting rail FM-MRL



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

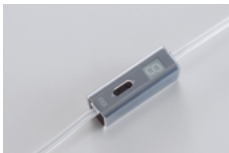


FMC-24S/R	1 pcs	34500 ¥
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Available in 3 colors:



DC 24V simple dimmer FSD-24



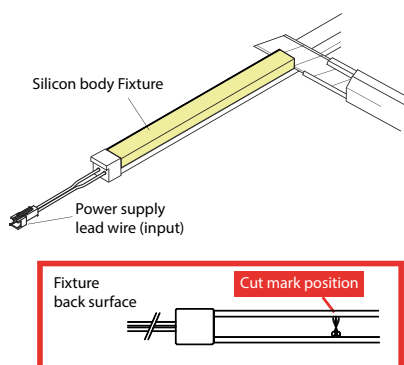
FSD-24	1 pcs	9900 ¥
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Cutting of the FMT Flexible LED Module

- 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.

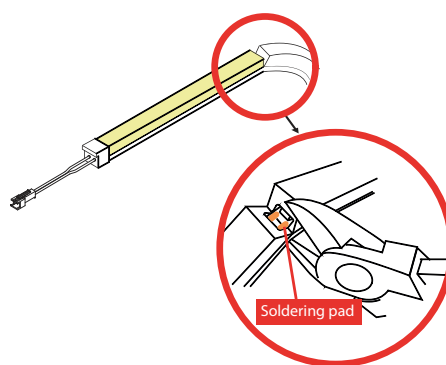
Step 1: Silicon body cut (half cut)

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 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.

