

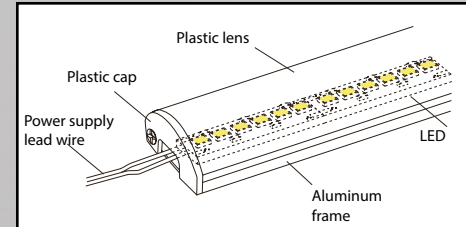
FGO

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

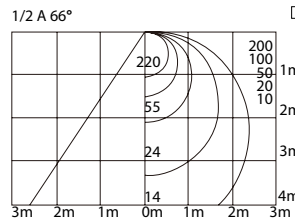
- 1 Fixture name : FGO
 2 Length : Please check frame size reference table
 3 LED colors : L22 = Light bulb (2200K) L25 = Light bulb (2500K)
 L27 = Light bulb (2700K) L30 = Light bulb (3000K)
 WW = Warm white (3500K) W = White (4000K)
 NW Neutral white = (4500K) N = Neutral white
 (5000K) DN = (5700K) 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

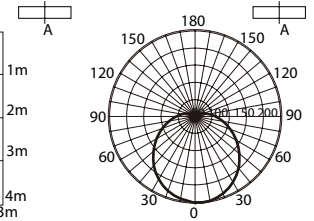
Photometric data

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

Light Intensity distribution



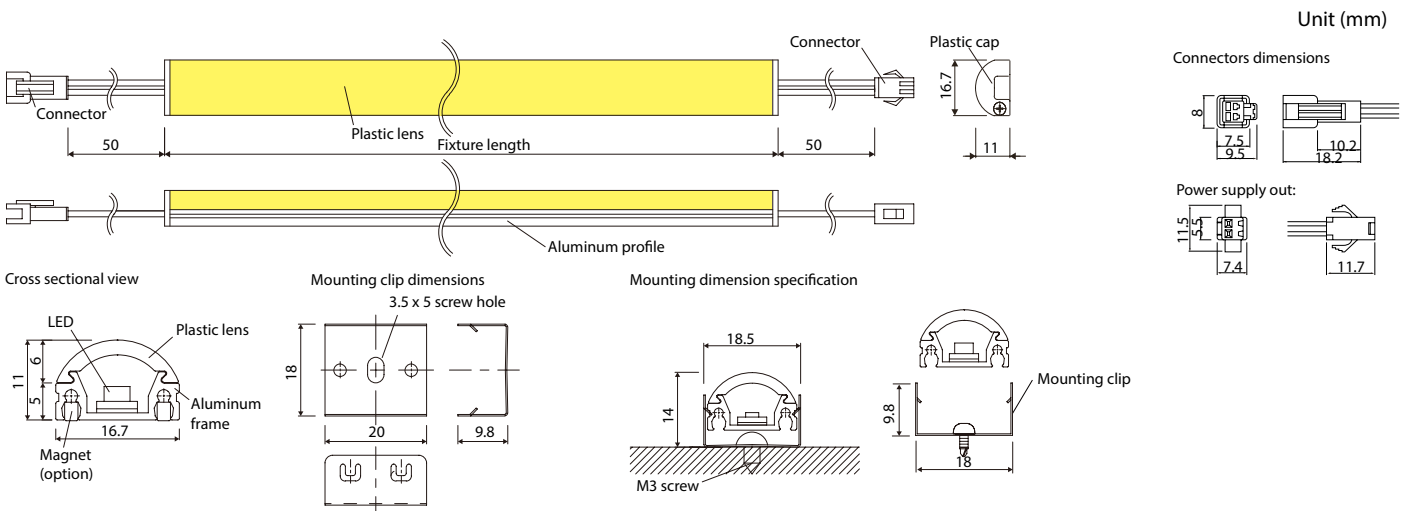
Candlepower Distribution



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

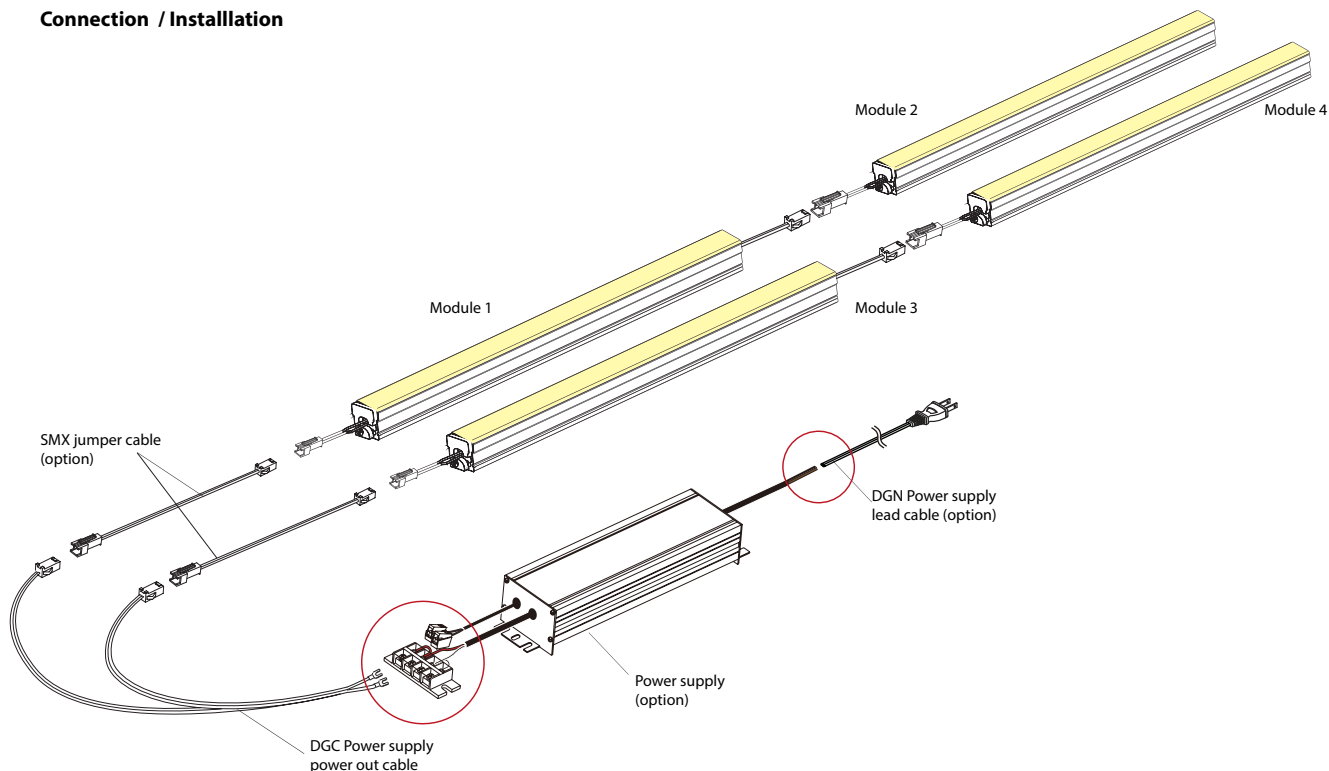
Standard Ra ≥ 80				High color rendering Ra ≥ 95			
Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)	Length (mm)	Watts (W)	Amps (A)	Luminous flux (lm)
1275	19.8	0.83	1872	1275	20.3	0.85	1487
1302.5	20.2	0.85	1913	1302.5	20.7	0.86	1520
1330	20.6	0.86	1954	1330	21.2	0.88	1552
1357.5	21.1	0.88	1994	1357.5	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%

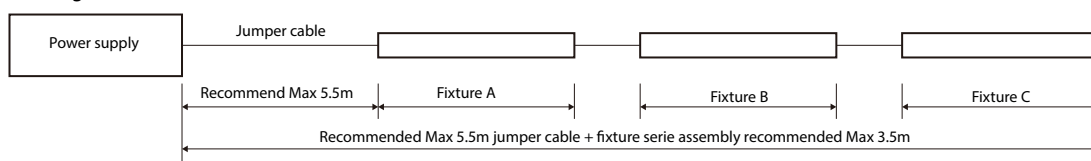
Line Module installation and option parts

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

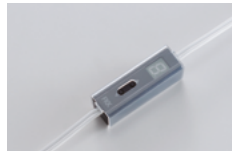


FMC-24S/R	1 pcs	34500 ¥
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Available in 3 colors:



DC 24V simple dimmer FSD-24



FSD-24	1 pcs	9900 ¥
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