

Project Name

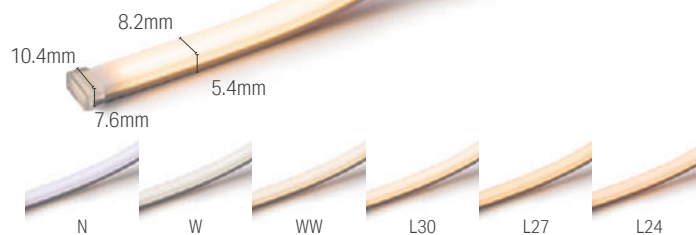
Qty

Catalog / Part Number

LRFS-O | Luci RIMiT flex-s IP65

Color management
MacAdamL90>B10
50K1 years
warranty

FLEXIBLE



Model No.

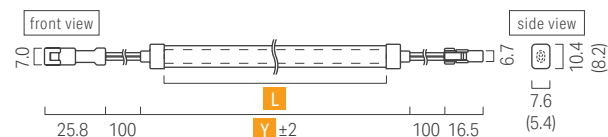
LRFS	-	T					-		-		-	DF	-	O	-	4
Product Name	-	Length	Custom order length				-	Lead wire	-	Light source color	-	Tube type	-	Environment	-	Wattage
LRFS	-	Custom order length					-	W : Both ends S : One ends	-	N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L24 : 2400K	-	DF : Diffuser	-	I : Outdoor	-	4 : 4.5 W/m

Specification

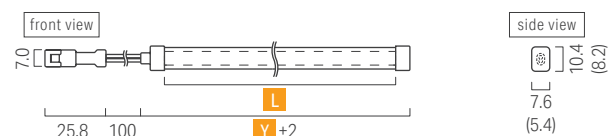
Wattage (W/m)				4.5
Weight				47 g / 1012mm
Luminaire efficacy (lm/W) @2700K				54.2
Lumen output				
Light source color (Code)				
Delivered CCT				CRI
				Luminaire flux (lm/m)
N	5000K	4100K	Ra 93	257
W	4000K	3400K	Ra 94	289
WW	3500K	3000K	Ra 92	287
L30	3000K	2700K	Ra 93	256
L27	2700K	2400K	Ra 93	244
L24	2400K	2200K	Ra 91	237

External dimensions

Both ends lead wire



One end lead wire

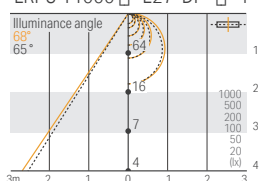


General Specification

Input voltage	DC24V
Environment	Outdoor (no condensation), IP65
Max. length Per circuit	4m
Min. bending range	R75mm
Material (body)	Silicone
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

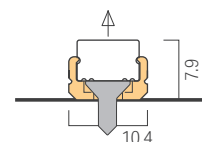
Light Intensity

LRFS-T1000 □ - L27-DF - □ - 4



Light source color 2700K
 Brightness 64 cd
 Luminous flux 244 lm
 Color rendering index Ra 93

Cross sectional view with accessories



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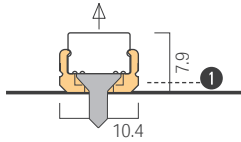
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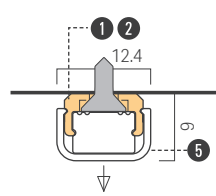


Cross sectional view with accessories

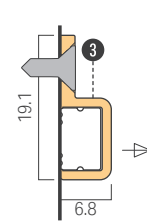
For straight installation
(emission surface: upward)



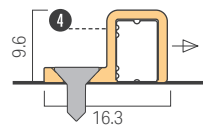
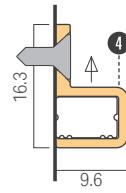
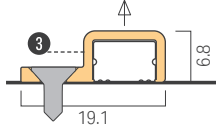
For straight installation
(downward and vertical)



For straight and curved installation
(emission surface: sideways)



For straight installation



Accessories

1 Mounting rail 1000 for RIMiT flex-s

Model No : LRFS-RL1000

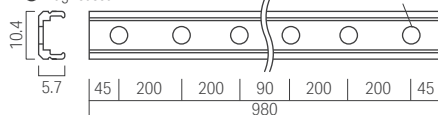
980mm

For straight installation

Magnet mounting available

7 Magnet set A

Screw hole: $\Phi 3.5$



2 Aluminium mounting rail 1000 for RIMiT flex-s

Model No : LRFS-RL1000-AL

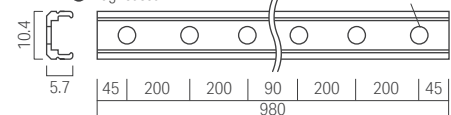
980mm

For straight installation

Magnet mounting available

7 Magnet set A

Screw hole: $\Phi 3.5$



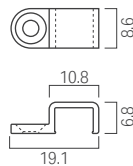
3 Mounting clip A for RIMiT flex-s

Model No : LRFS-PT-A

5pcs/1bag

For straight and curved installation

Magnet installation not supported



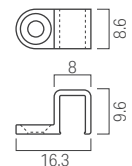
4 Mounting clip B for RIMiT flex-s

Model No : LRFS-PT-B

5pcs/1bag

For straight and curved installation

Magnet installation not supported

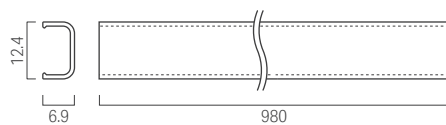


5 Rail cover for RIMiT flex-s

Model No : LRFS-C1000

Fixing the luminaire to the mounting rail

Corresponding rail: 1 Mounting rail, 2 Aluminium mounting rail



6 Clip J for Lead Wire

Model No : LRM-PT-J

5pcs/1bag

For securing the joining of two cables



7 Power supply cable 3M

Model No : CAD-3000-MEFE-O

1 pcs per circuit for connecting the LED fixture to power supply or dimmer driver.



Custom order length

Length	length (mm) 	Fitting length (mm) 	Wattage (W)	
	Both ends		One end	
0025	25	47	43	0.1
0050	50	72	68	0.2
0075	75	97	93	0.3
0100	100	122	118	0.5
0125	125	147	143	0.6
0150	150	172	168	0.7
0175	175	197	193	0.8
0200	200	222	218	0.9
0225	225	247	243	1.0
0250	250	272	268	1.1
0275	275	297	293	1.2
0300	300	322	318	1.4
0325	325	347	343	1.5
0350	350	372	368	1.6
0375	375	397	393	1.7
0400	400	422	418	1.8
0425	425	447	443	1.9
0450	450	472	468	2.0
0475	475	497	493	2.1
0500	500	522	518	2.3
0525	525	547	543	2.4
0550	550	572	568	2.5
0575	575	597	593	2.6
0600	600	622	618	2.7
0625	625	647	643	2.8
0650	650	672	668	2.9
0675	675	697	693	3.1
0700	700	722	718	3.2
0725	725	747	743	3.3
0750	750	772	768	3.4
0775	775	797	793	3.5
0800	800	822	818	3.6
0825	825	847	843	3.7
0850	850	872	868	3.8
0875	875	897	893	4.0
0900	900	922	918	4.1
0925	925	947	943	4.2
0950	950	972	968	4.3
0975	975	997	993	4.4
1000	1000	1022	1018	4.5
1025	1025	1048	1044	4.6
1050	1050	1073	1069	4.7
1075	1075	1098	1094	4.9
1100	1100	1123	1119	5.0
1125	1125	1148	1144	5.1
1150	1150	1173	1169	5.2
1175	1175	1198	1194	5.3
1200	1200	1223	1219	5.4
1225	1225	1248	1244	5.5
1250	1250	1273	1269	5.7
1275	1275	1298	1294	5.8
1300	1300	1323	1319	5.9
1325	1325	1348	1344	6.0
1350	1350	1373	1369	6.1
1375	1375	1398	1394	6.2
1400	1400	1423	1419	6.3
1425	1425	1448	1444	6.4
1450	1450	1473	1469	6.6
1475	1475	1498	1494	6.7
1500	1500	1523	1519	6.8
1525	1525	1548	1544	6.9
1550	1550	1573	1569	7.0
1575	1575	1598	1594	7.1
1600	1600	1623	1619	7.2
1625	1625	1648	1644	7.3
1650	1650	1673	1669	7.5
1675	1675	1698	1694	7.6
1700	1700	1723	1719	7.7
1725	1725	1748	1744	7.8
1750	1750	1773	1769	7.9
1775	1775	1798	1794	8.0
1800	1800	1823	1819	8.1
1825	1825	1848	1844	8.2
1850	1850	1873	1869	8.4
1875	1875	1898	1894	8.5
1900	1900	1923	1919	8.6
1925	1925	1948	1944	8.7
1950	1950	1973	1969	8.8
1975	1975	1998	1994	8.9
2000	2000	2023	2019	9.0
2025	2025	2049	2045	9.2
2050	2050	2074	2070	9.3
2075	2075	2099	2095	9.4
2100	2100	2124	2120	9.5
2125	2125	2149	2145	9.6
2150	2150	2174	2170	9.7
2175	2175	2199	2195	9.8
2200	2200	2224	2220	9.9
2225	2225	2249	2245	10.1
2250	2250	2274	2270	10.2
2275	2275	2299	2295	10.3
2300	2300	2324	2320	10.4
2325	2325	2349	2345	10.5
2350	2350	2374	2370	10.6
2375	2375	2399	2395	10.7
2400	2400	2424	2420	10.8
2425	2425	2449	2445	11.0
2450	2450	2474	2470	11.1
2475	2475	2499	2495	11.2
2500	2500	2524	2520	11.3
2525	2525	2549	2545	11.4
2550	2550	2574	2570	11.5
2575	2575	2599	2595	11.6
2600	2600	2624	2620	11.8
2625	2625	2649	2645	11.9
2650	2650	2674	2670	12.0
2675	2675	2699	2695	12.1
2700	2700	2724	2720	12.2
2725	2725	2749	2745	12.3
2750	2750	2774	2770	12.4
2775	2775	2799	2795	12.5
2800	2800	2824	2820	12.7
2825	2825	2849	2845	12.8
2850	2850	2874	2870	12.9
2875	2875	2899	2895	13.0
2900	2900	2924	2920	13.1
2925	2925	2949	2945	13.2
2950	2950	2974	2970	13.3
2975	2975	2999	2995	13.4
3000	3000	3024	3020	13.6
3025	3025	3050	3046	13.7
3050	3050	3075	3071	13.8
3075	3075	3100	3096	13.9
3100	3100	3125	3121	14.0
3125	3125	3150	3146	14.1
3150	3150	3175	3171	14.2
3175	3175	3200	3196	14.4
3200	3200	3225	3221	14.5
3225	3225	3250	3246	14.6
3250	3250	3275	3271	14.7
3275	3275	3300	3296	14.8
3300	3300	3325	3321	14.9
3325	3325	3350	3346	15.0
3350	3350	3375	3371	15.1
3375	3375	3400	3396	15.3
3400	3400	3425	3421	15.4
3425	3425	3450	3446	15.5
3450	3450	3475	3471	15.6
3475	3475	3500	3496	15.7
3500	3500	3525	3521	15.8
3525	3525	3550	3546	15.9
3550	3550	3575	3571	16.0
3575	3575	3600	3596	16.2
3600	3600	3625	3621	16.3
3625	3625	3650	3646	16.4
3650	3650	3675	3671	16.5
3675	3675	3700	3696	16.6
3700	3700	3725	3721	16.7
3725	3725	3750	3746	16.8
3750	3750	3775	3771	17.0
3775	3775	3800	3796	17.1
3800	3800	3825	3821	17.2
3825	3825	3850	3846	17.3
3850	3850	3875	3871	17.4
3875	3875	3900	3896	17.5
3900	3900	3925	3921	17.6
3925	3925	3950	3946	17.7
3950	3950	3975	3971	17.9
3975	3975	4000	3996	18.0
4000	4000	4025	4021	18.1



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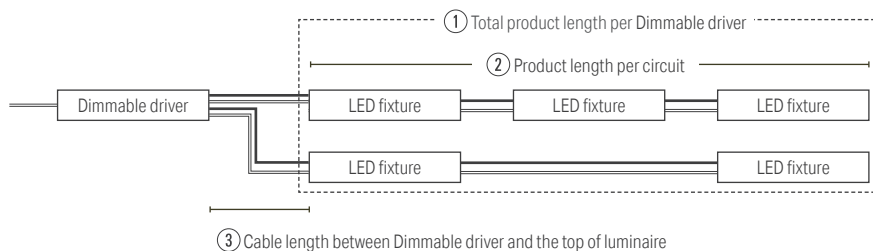
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System configuration diagram



- ① Total product length per Dimmable driver depends on capacity of the Dimmable driver. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable driver and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmable driver

Model No.	Size (mm) (L × W × H)
PX0408	140 × 50 × 26
DALI6010	168 × 39 × 30
DIM-S1L10V-0	175 × 56 × 28
PWM-200-24	195 × 68 × 39.5
PWM-120-24	191 × 63 × 37.5
PWM-90-24	171 × 63 × 37.5
PWM-60-24	150 × 53 × 35
PWM-40-24	150 × 53 × 35

Dimmable driver	PX0408 (8A × 4ch)-Use 1ch only		PX0408 (8A × 4ch)-Use 1ch only		PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
	DALI6010 (10A × 1ch)		DALI6010 (10A × 1ch)						
	DIM-S1L10V-0 (10A × 1ch)		DIM-S1L10V-0 (10A × 1ch)						
	connectable up to 5A, when using 200W DC24V PSU as 60% load factor		connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor		connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmable driver (m)						
LRFS-T**-*-DF-O-4	4.5	4	*Split into multiple circuit						
			26.6*	20*	31.1*	18.6*	14*	9.3*	6.2*

