



Flexible side-bend tape light with
an incredibly compact square
profile of only 11.2mm.

RIMiT series

Redesigned luminaire to go beyond the limit
of the minimum size

RIMiT[®] flex alpha IP65



Flex-Alpha

Releasing in September 2026

Available in 160 different lengths
ranging from 25mm to 4000mm

RIMiT[®] flex alpha



point 1

Flexible side-bend tape light with
an incredibly compact square
profile of only 11.2mm



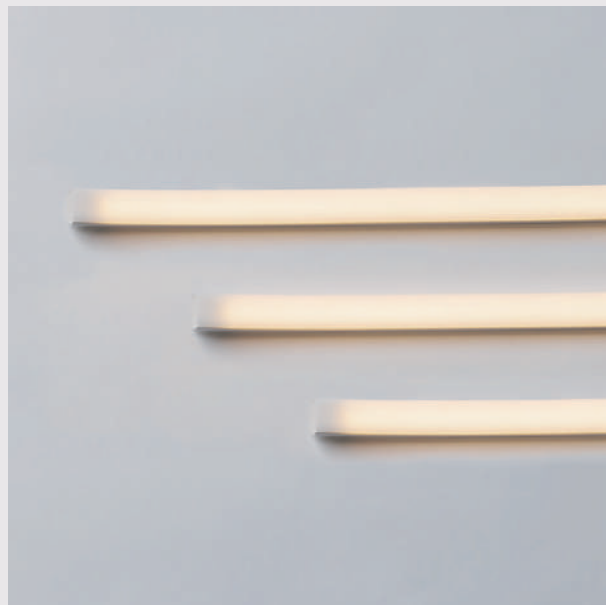
point 2

Dotless side-bending tape light that
is cuttable at every 25mm interval



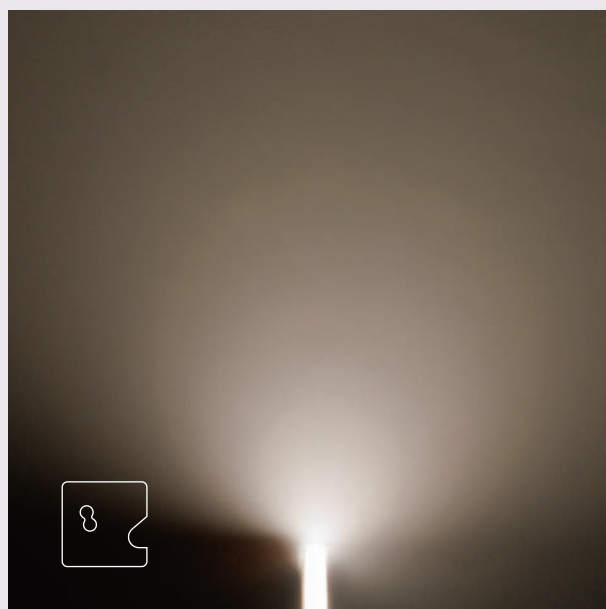
point
3

160 custom lengths
available



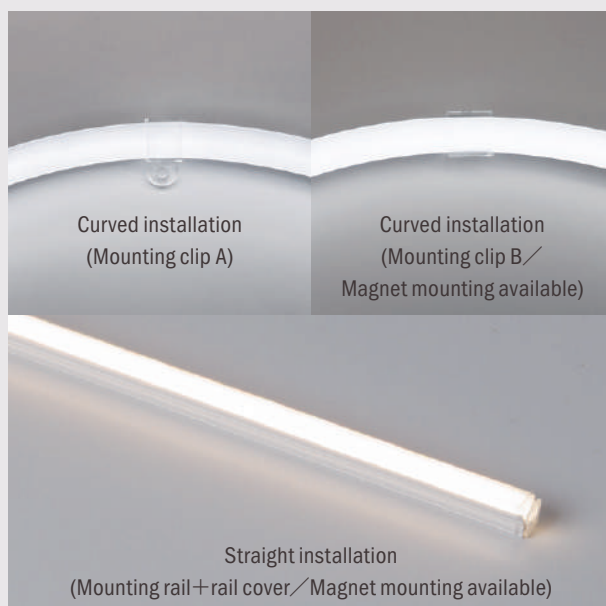
point
4

Soft lighting achieved
through wide light
distribution



point
5

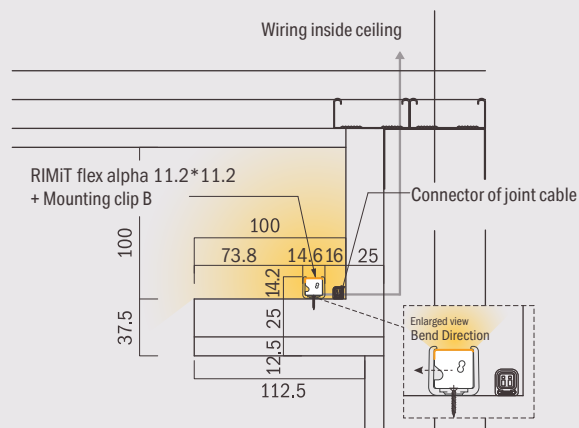
Wide range of mounting
options



Recommended applications

scene 1 Cove Ceiling (Curved / Straight)

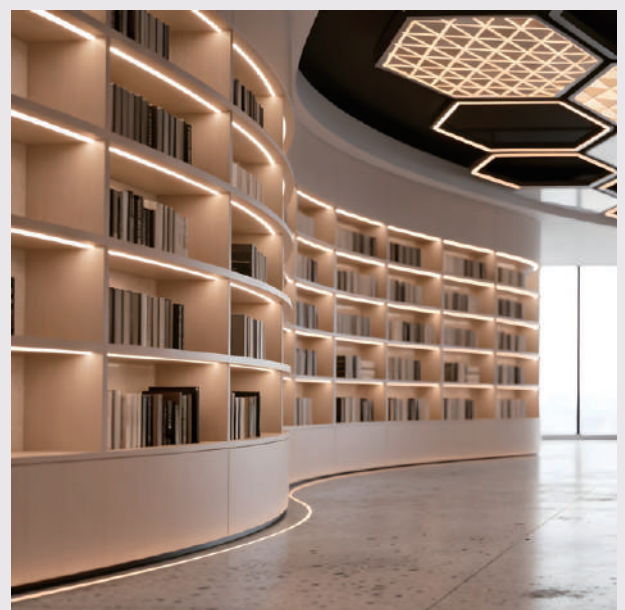
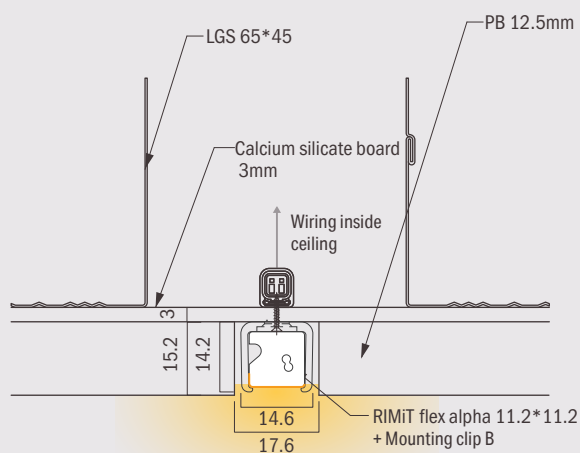
Dotless, uniform light designed to be installed seamlessly along a curve



Image

scene 2 Shelf | Recessed

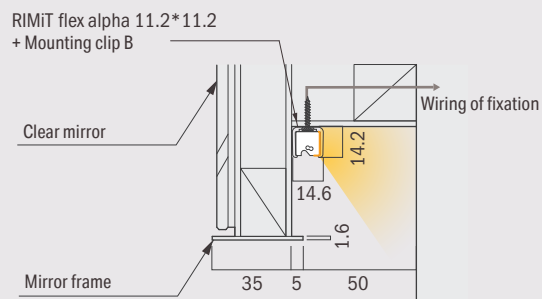
Its compact 11.2mm size combined with magnetic mounting support ensures easy and versatile installation, even on curved surfaces, offering unmatched flexibility and convenience



Image

scene 3 Around Mirrors

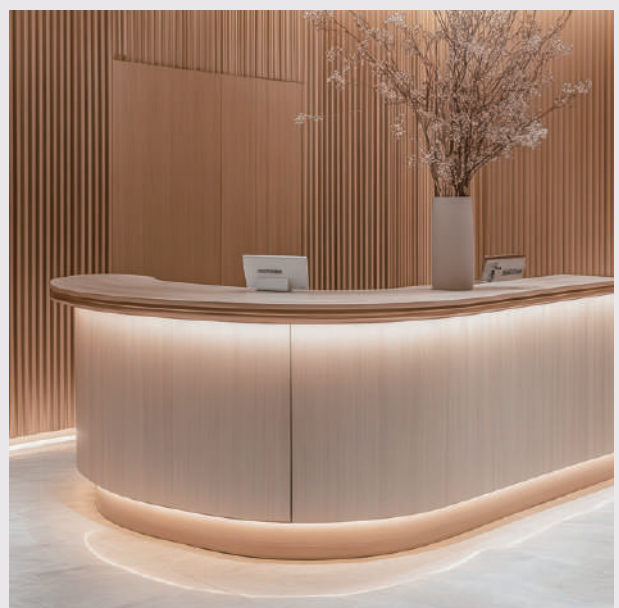
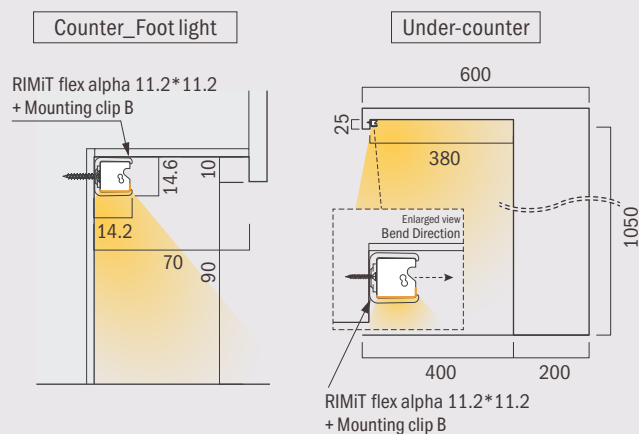
Tailored to fit the space with 25mm adjustable increments and supported custom lighting options



Image

scene 4 Counter / Foot Light

A beautiful, seamless flexible light with custom lengths up to four meters, creating an extended, smooth and elegant glow. Provide two selectable brightness options to match the desired scene



Image

LRFA-0

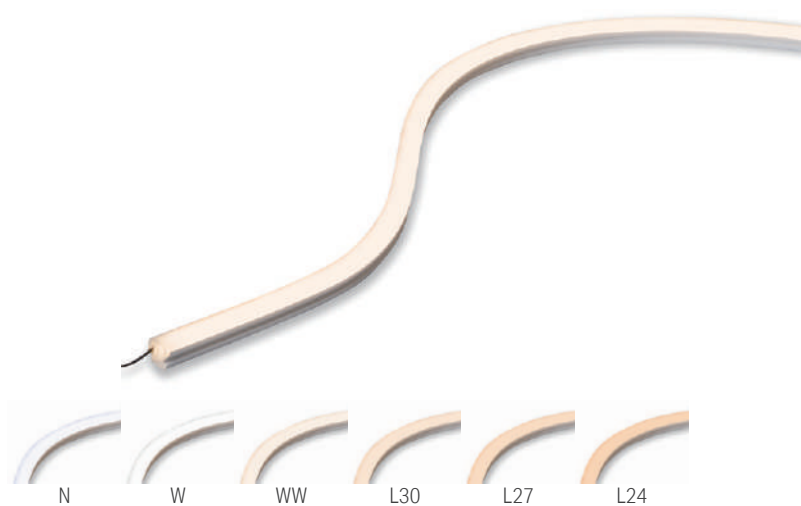
Flex-Alpha

Color management
MacAdam 3 step



1 years warranty

- Flexible side-bend tape light with an incredibly compact square profile of only 11.2mm
- Available for indoor or splash-proof specification
- 160 length variations from 25mm to 4000mm
- Two brightness options: 9W (572 lm/m) and 15W (830 lm/m)



Model No. (Open end)

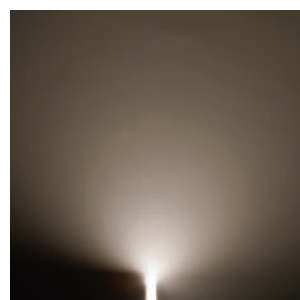
LRF - T□□□□□ - □ - DF - 0 - □

Model No. (Connector)

LRF - T□□□□□ - □ - DF - 0 - □ (C)

Product Name	Length / Lead wire	Light source color	Cover Type	Environment	Wattage	Connector
LRF	Refer to Custom order length W: Both ends S: One end	N : Natural white W : White WW : Warm white 3500K L30 : Warm white 3000K L27 : Warm white 2700K L24 : Warm white 2400K	DF : Diffuser	O : Outdoor	9 : 9.7W/m 15 : 15W/m	(C) : Connector

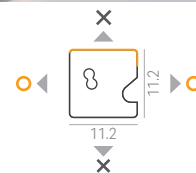
Light distribution



Specification

Model No.				Open end	LRFA-T□□□□ □ - □ -DF -O-9	LRFA-T□□□□ □ - □ -DF -O-15
				Connector	LRFA-T□□□□ □ - □ -DF -O-9(C)	LRFA-T□□□□ □ - □ -DF -O-15(C)
Wattage (W/m)					9.7 W/m	15.3 W/m
Length(L)					35mm - 4013mm	
Weight					67 g / 1012mm	
Luminaire efficacy (lm/W) @2700K					59.0 lm/W	54.2 lm/W
Light source color		CRI	Delivered CCT	○ = Device inventory		
N	5000K	Ra 93	4600K	○ 639 lm		○ 964 lm
W	4000K	Ra 92	3600K	○ 636 lm		○ 954 lm
WW	3500K	Ra 92	3200K	○ 617 lm		○ 912 lm
L30	3000K	Ra 91	2800K	○ 591 lm		○ 875 lm
L27	2700K	Ra 91	2500K	○ 572 lm		○ 830 lm
L24	2400K	2300K	2300K	○ 517 lm		○ 779 lm

Min bending radius



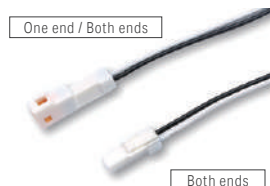
Luci RIMiT flex alpha is a side bend product, can only be bent horizontally relative to the luminous surface. Minimum bending radius: up to R150mm.

End point of lead wires

Open end



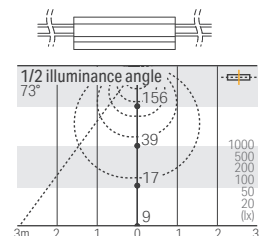
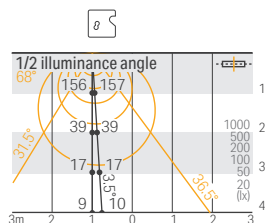
Connector



Light Intensity

LRFA-T1000□ - L27-DF-□-9

Light source color 2700K Luminous flux 572 lm
Brightness 156 cd CRI Ra 91



General Specification

Input voltage	DC24V
Environment	In/Outdoor (No Condensation) IP65
Max. length Per circuit	4m
Min. bending range	R15mm
Material (body)	Silicone
Attachments	-
Accessories	① ② Mounting rail ③ ④ Mounting clip ⑤ Rail cover ⑥ ⑦ Magnet set ⑧ Power supply cable ⑨ Clip for cable
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

Max. connectable length per PSU

Length of LED fixture (70% loading factor) *: split into multiple circuits	Power supply
9.7 W/m	15.3 W/m
3.6 m	2.3 m
7.2 m*	4.6 m*
10.8 m*	6.9 m*
	50W power supply
	100W power supply
	150W power supply

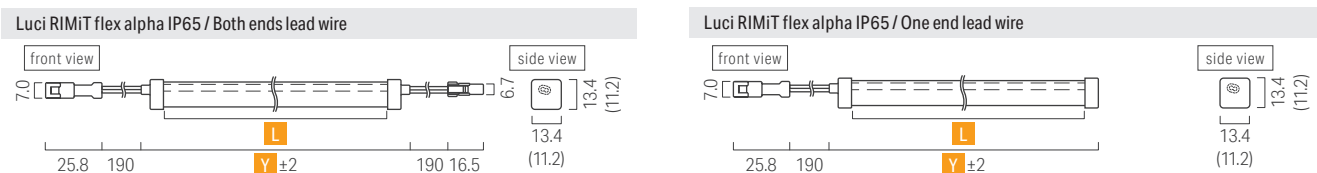
Custom order length

Length	length (mm) L	Fitting length (mm) Y		Wattage (W)	
		Both	One	9.7 W/m	15.3 W/m
0025	25	47	43	0.2	0.4
0050	50	72	68	0.5	0.8
0075	75	97	93	0.7	1.1
0100	100	122	118	1.0	1.5
0125	125	147	143	1.2	1.9
0150	150	172	168	1.5	2.3
0175	175	197	193	1.7	2.7
0200	200	222	218	1.9	3.1
0225	225	247	243	2.2	3.4
0250	250	272	268	2.4	3.8
0275	275	297	293	2.7	4.2
0300	300	322	318	2.9	4.6
0325	325	347	343	3.1	5.0
0350	350	372	368	3.4	5.4
0375	375	397	393	3.6	5.7
0400	400	422	418	3.9	6.1
0425	425	447	443	4.1	6.5
0450	450	472	468	4.4	6.9
0475	475	497	493	4.6	7.3
0500	500	522	518	4.8	7.7
0525	525	547	543	5.1	8.0
0550	550	572	568	5.3	8.4
0575	575	597	593	5.6	8.8
0600	600	622	618	5.8	9.2
0625	625	647	643	6.1	9.6
0650	650	672	668	6.3	10.0
0675	675	697	693	6.5	10.3
0700	700	722	718	6.8	10.7
0725	725	747	743	7.0	11.1
0750	750	772	768	7.3	11.5
0775	775	797	793	7.5	11.9
0800	800	822	818	7.7	12.3
0825	825	847	843	8.0	12.6
0850	850	872	868	8.2	13.0
0875	875	897	893	8.5	13.4
0900	900	922	918	8.7	13.8
0925	925	947	943	9.0	14.2
0950	950	972	968	9.2	14.6
0975	975	997	993	9.4	14.9
1000	1000	1022	1018	9.7	15.3
1025	1025	1047	1043	9.9	15.7
1050	1050	1072	1068	10.2	16.1
1075	1075	1097	1093	10.4	16.5
1100	1100	1122	1118	10.6	16.9
1125	1125	1147	1143	10.9	17.2
1150	1150	1172	1168	11.1	17.6
1175	1175	1197	1193	11.4	18.0
1200	1200	1222	1218	11.6	18.4
1225	1225	1247	1243	11.9	18.8
1250	1250	1272	1268	12.1	19.2
1275	1275	1297	1293	12.3	19.5
1300	1300	1322	1318	12.6	19.9
1325	1325	1347	1343	12.8	20.3
1350	1350	1372	1368	13.1	20.7
1375	1375	1397	1393	13.3	21.1
1400	1400	1422	1418	13.6	21.4
1425	1425	1447	1443	13.8	21.8
1450	1450	1472	1468	14.0	22.2
1475	1475	1497	1493	14.3	22.6
1500	1500	1522	1518	14.5	23.0

Length	length (mm) L	Fitting length (mm) Y		Wattage (W)	
		Both	One	9.7 W/m	15.3 W/m
1525	1525	1548	1544	14.8	23.4
1550	1550	1573	1569	15.0	23.7
1575	1575	1598	1594	15.2	24.1
1600	1600	1623	1619	15.5	24.5
1625	1625	1648	1644	15.7	24.9
1650	1650	1673	1669	16.0	25.3
1675	1675	1698	1694	16.2	25.7
1700	1700	1723	1719	16.5	26.0
1725	1725	1748	1744	16.7	26.4
1750	1750	1773	1769	16.9	26.8
1775	1775	1798	1794	17.2	27.2
1800	1800	1823	1819	17.4	27.6
1825	1825	1848	1844	17.7	28.0
1850	1850	1873	1869	17.9	28.3
1875	1875	1898	1894	18.2	28.7
1900	1900	1923	1919	18.4	29.1
1925	1925	1948	1944	18.6	29.5
1950	1950	1973	1969	18.9	29.9
1975	1975	1998	1994	19.1	30.3
2000	2000	2023	2019	19.4	30.6
2025	2025	2048	2044	19.6	31.0
2050	2050	2073	2069	19.8	31.4
2075	2075	2098	2094	20.1	31.8
2100	2100	2123	2119	20.3	32.2
2125	2125	2148	2144	20.6	32.6
2150	2150	2173	2169	20.8	32.9
2175	2175	2198	2194	21.1	33.3
2200	2200	2223	2219	21.3	33.7
2225	2225	2248	2244	21.5	34.1
2250	2250	2273	2269	21.8	34.5
2275	2275	2298	2294	22.0	34.9
2300	2300	2323	2319	22.3	35.2
2325	2325	2348	2344	22.5	35.6
2350	2350	2373	2369	22.7	36.0
2375	2375	2398	2394	23.0	36.4
2400	2400	2423	2419	23.2	36.8
2425	2425	2448	2444	23.5	37.2
2450	2450	2473	2469	23.7	37.5
2475	2475	2498	2494	24.0	37.9
2500	2500	2523	2519	24.2	38.3
2525	2525	2548	2544	24.4	38.7
2550	2550	2573	2569	24.7	39.1
2575	2575	2598	2594	24.9	39.4
2600	2600	2623	2619	25.2	39.8
2625	2625	2648	2644	25.4	40.2
2650	2650	2673	2669	25.7	40.6
2675	2675	2698	2694	25.9	41.0
2700	2700	2723	2719	26.1	41.4
2725	2725	2748	2744	26.4	41.7
2750	2750	2773	2769	26.6	42.1
2775	2775	2798	2794	26.9	42.5
2800	2800	2823	2819	27.1	42.9
2825	2825	2848	2844	27.3	43.3
2850	2850	2873	2869	27.6	43.7
2875	2875	2898	2894	27.8	44.0
2900	2900	2923	2919	28.1	44.4
2925	2925	2948	2944	28.3	44.8
2950	2950	2973	2969	28.6	45.2
2975	2975	2998	2994	28.8	45.6
3000	3000	3023	3019	29.0	46.0

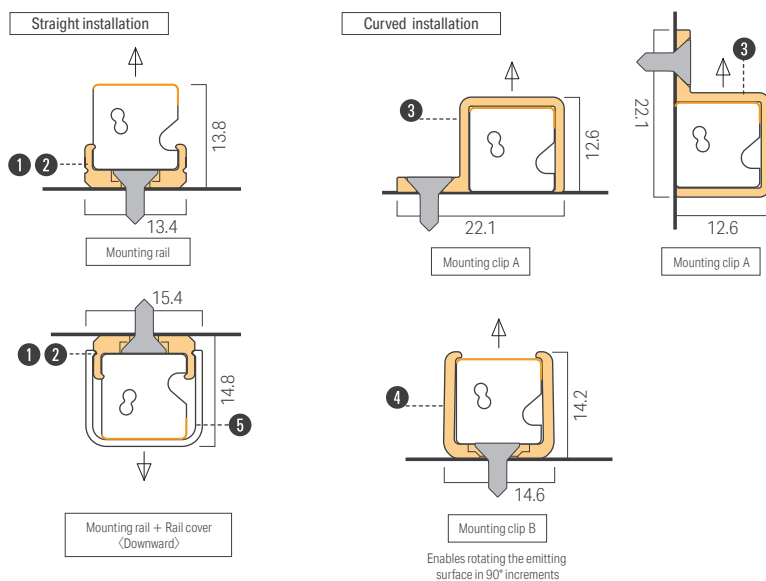
Length	length (mm) L	Fitting length (mm) Y		Wattage (W)	
		Both	One	9.7 W/m	15.3 W/m
3025	3025	3050	3046	29.3	46.3
3050	3050	3075	3071	29.5	46.7
3075	3075	3100	3096	29.8	47.1
3100	3100	3125	3121	30.0	47.5
3125	3125	3150	3146	30.3	47.9
3150	3150	3175	3171	30.5	48.3
3175	3175	3200	3196	30.7	48.6
3200	3200	3225	3221	31.0	49.0
3225	3225	3250	3246	31.2	49.4
3250	3250	3275	3271	31.5	49.8
3275	3275	3300	3296	31.7	50.2
3300	3300	3325	3321	31.9	50.6
3325	3325	3350	3346	32.2	50.9
3350	3350	3375	3371	32.4	51.3
3375	3375	3400	3396	32.7	51.7
3400	3400	3425	3421	32.9	52.1
3425	3425	3450	3446	33.2	52.5
3450	3450	3475	3471	33.4	52.9
3475	3475	3500	3496	33.6	53.2
3500	3500	3525	3521	33.9	53.6
3525	3525	3550	3546	34.1	54.0
3550	3550	3575	3571	34.4	54.4
3575	3575	3600	3596	34.6	54.8
3600	3600	3625	3621	34.8	55.2
3625	3625	3650	3646	35.1	55.5
3650	3650	3675	3671	35.3	55.9
3675	3675	3700	3696	35.6	56.3
3700	3700	3725	3721	35.8	56.7
3725	3725	3750	3746	36.1	57.1
3750	3750	3775	3771	36.3	57.5
3775	3775	3800	3796	36.5	57.8
3800	3800	3825	3821	36.8	58.2
3825	3825	3850	3846	37.0	58.6
3850	3850	3875	3871	37.3	59.0
3875	3875	3900	3896	37.5	59.4
3900	3900	3925	3921	37.8	59.7
3925	3925	3950	3946	38.0	60.1
3950	3950	3975	3971	38.2	60.5
3975	3975	4000	3996	38.5	60.9
4000	4000	4025	4021	38.7	61.3

External dimensions



Luci RIMiT® flex alpha Indoor

Cross sectional view with accessories

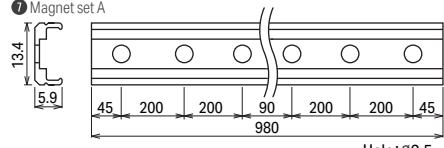
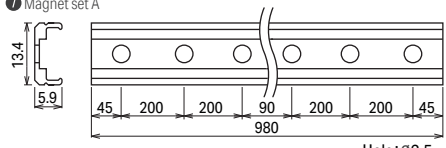
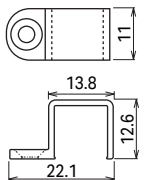
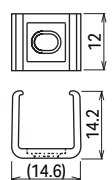
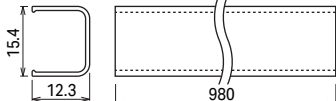


Mounting Orientation

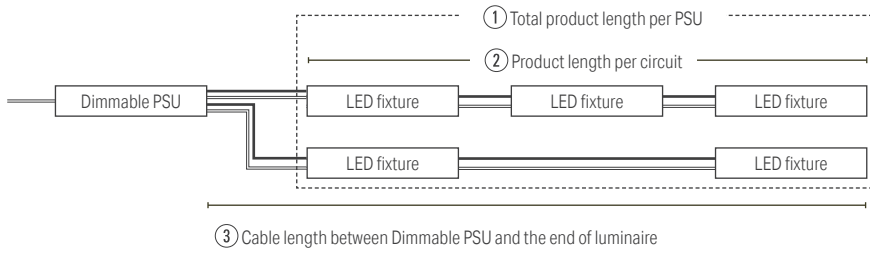


When connecting luminaires, please install and attach them with the concave shape on the side facing the same direction.

Accessories

Straight installation <9W> 	1 Mounting rail 1000 for RIMiT flex Model No : LRF-RL1000 980mm For straight installation Please use the aluminum mounting rail 1000, LRF-RL1000-AL, for the installation of RIMiT flex 15W. Magnet mounting available 7 Magnet set A  Hole: Ø3.5	Straight installation <9W, 15W> 	2 Aluminium mounting rail 1000 for RIMiT flex Model No : LRF-RL1000-AL 980mm For straight installation Please use the aluminum mounting rail 1000, LRF-RL1000-AL, for the installation of RIMiT flex 15W. Magnet mounting available 7 Magnet set A  Hole: Ø3.5
Straight, Curved installation <9W, 15W> 	3 Mounting clip A for RIMiT flex alpha Model No : LRFA-PT-A 5pcs/1bag For straight and curved installation Magnet installation not supported 	Straight, Curved installation <9W, 15W> 	4 Mounting clip B for RIMiT flex alpha Model No : LRFA-PT-B 5pcs/1bag For straight and curved installation Magnet installation not supported 
for rail <9W, 15W> 	5 Rail cover for RIMiT flex alpha Model No : LRFA-C1000 Fixing the luminaire to the mounting rail Corresponding rail: 1 Mounting rail, 2 Aluminium mounting rail 	PSU cable <9W, 15W> 	6 Power supply cable 3M with TR connector Model No : CAD-3000-MEFE-O 1 pcs per circuit for connecting the LED fixture to power supply or dimmer driver. 
for cable 	7 Clip J for Lead Wire Model No : LRM-PT-J 5pcs/1bag For securing the joining of two cables		

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. 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 PSU and the end 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.

Dimmer

Model No.	Size (mm) (L × W × H)
PX0408	140 × 50 × 26
DALI6010	168 × 39 × 30
DIM-S1L10V-0	175 × 56 × 28

Dimmable PSU

Model No.	Size (mm) (L × W × H)
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

Dimmer & Dimmable PSU	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)	* Split into multiple circuit	① Connectable length per Dimmer & Dimmable PSU (m)					
LRFA - T** - * - DF - O - 9	9.7	4	12.3*	9.2*	14.4*	8.6*	6.4*	4.3*	2.8
LRFA - T** - * - DF - O - 15	15.3	4	7.8*	5.8*	9.1*	5.4*	4.1*	2.7	1.8

Model No.	Wattage (W/m)	Cross section		0.75 sq		1.25sq	
		Wiregauge		AWG 18		AWG16	
		② Max. length per circuit (m)		③ Max. cable length between PSU and the end of luminaire at ② Max. length per circuit (m)			
LRFA - T** - * - DF - O - 9	9.7	4		25		35	
LRFA - T** - * - DF - O - 15	15.3	4		25		35	

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<https://www.luci.co.jp/led/en/>

