



RIMiT series
Redesigned luminaire to go beyond the limit
of the minimum size

RIMiT[®] flex THOF

Indoor



Flex



THOF

Tunable white × Dotless tape light

RIMiT[®] flex THOF

Indoor



point
1

Dotless and CCT adjustable light strip featuring a slim profile with a thickness of 5.8mm

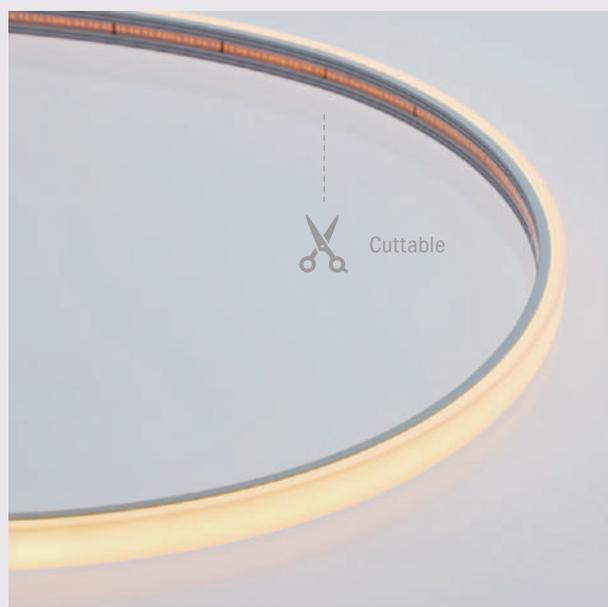


point
2

Cuttable at every 25mm

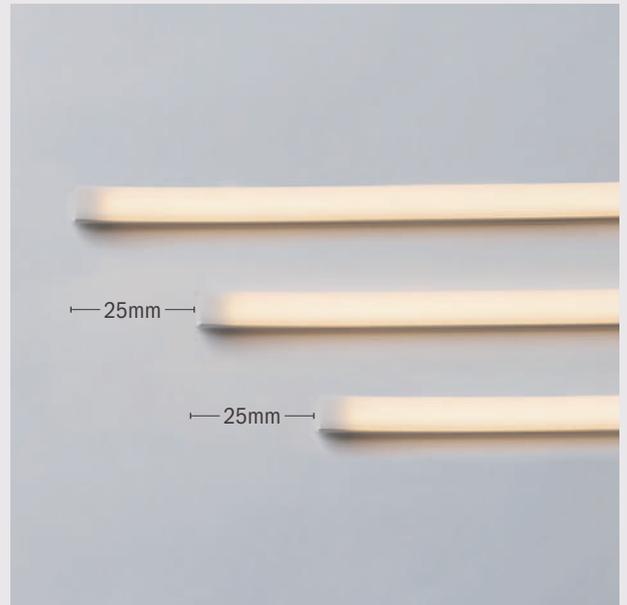
(In contrast, standard color adjustable tape lights can only be cut every 60mm or more)

Indoor version only



point
3

160 custom lengths
available



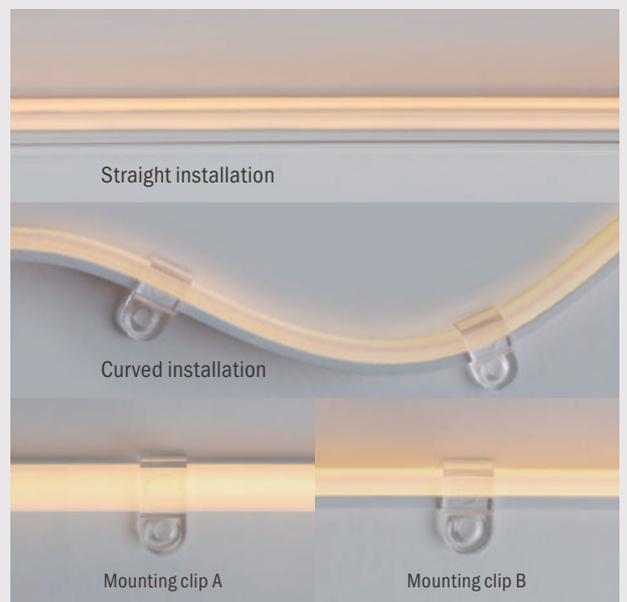
point
4

Completely dotless even
when dimmed
or CCT adjusted



point
5

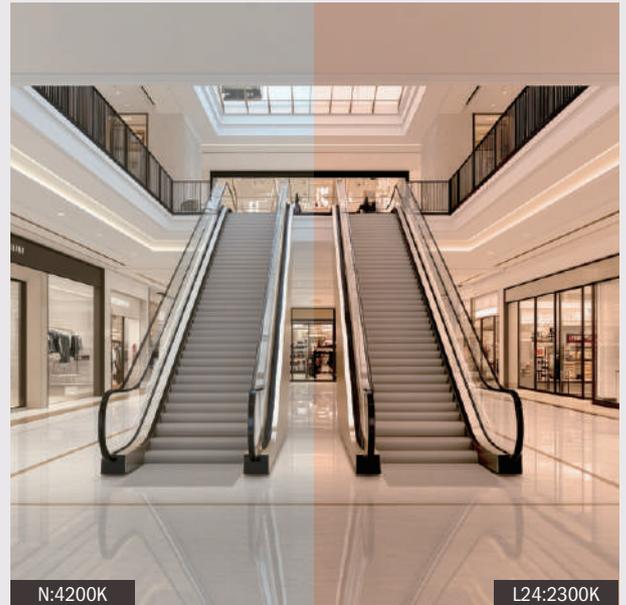
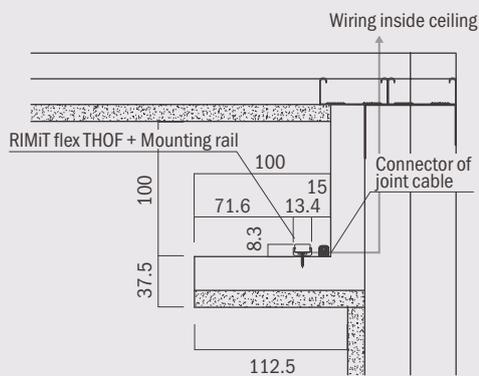
Wide range of
mounting options



Recommended applications

scene 1 Ceiling Cove

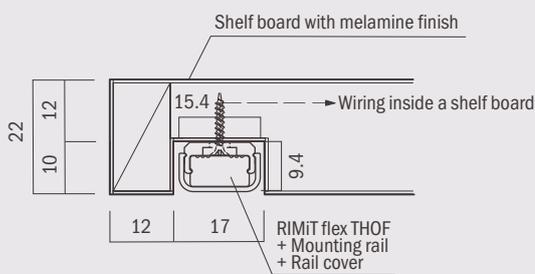
Healthy circadian rhythm can be achieved with low-glare lighting even in environments where visibility is a concern



Image

scene 2 Shelf | Recessed

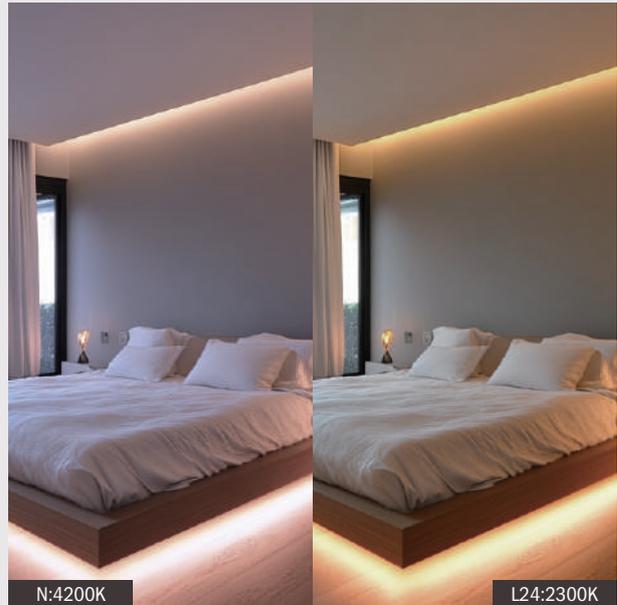
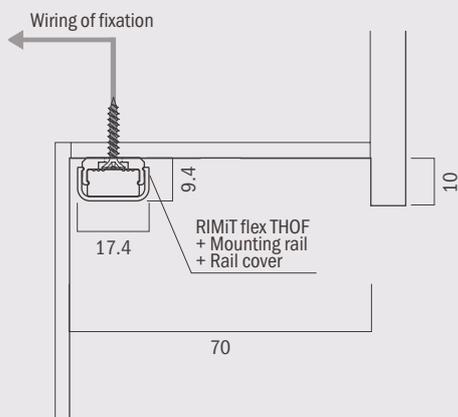
A wide selection of color temperatures is available to ensure the best illumination of the object for creating a comfortable viewing environment



Image

scene 3 Foot Light

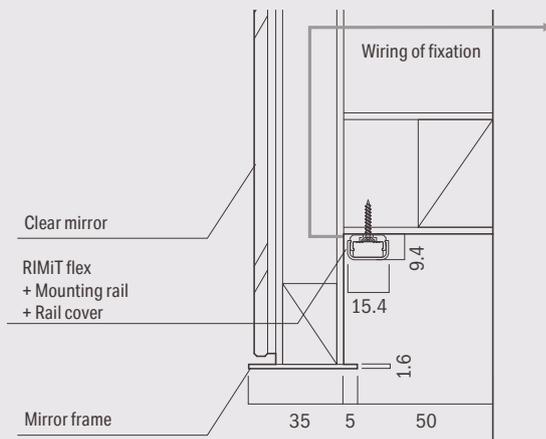
Beautifully illuminate glossy surfaces without any visible reflection of LED light dots



Image

scene 4 Indirect lighting behind the mirror

Bentable design allows easy accommodation for extended indirect lighting, even with circular mirror, creating beautiful, uninterrupted indirect illumination



Image

LRFTH-I

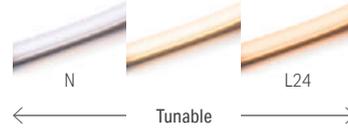


Color management
MacAdam 3 step



1 years warranty

- Revolutionize designs with sleek 5.8mm dot-free tape light!
9.7 W/m, 535 lm/m
- Beautiful surface emission enhances the versatility of design possibilities
- Available in 160 different lengths ranging from 25mm to 4000mm for indoor specification



Model No. (Open end)

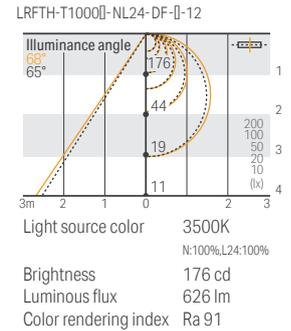
LRFTH - T [] [] [] [] [] - NL24 - DF - I - 12

Model No. (Connector)

LRFTH - T [] [] [] [] [] - NL24 - DF - I - 12 (C)

Product Name	Length / Lead wire	Light source color	Cover Type	Environment	Wattage	Connector
LRFTH	Refer to Custom order length W: Both ends S: One end	NL24: Natural white - Warm white 2400K	DF: Diffuser	I: Indoor	12: 12W/m	(C): Connector

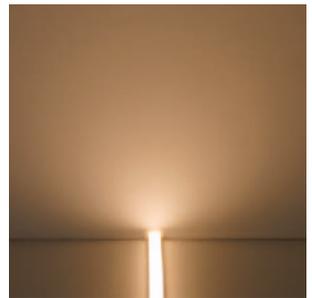
Light Intensity Refer to P.10



Specification

Model No.	Open end	LRFTH-T [] [] [] [] [] - NL24 - DF - I - 12
	Connector	LRFTH-T [] [] [] [] [] - NL24 - DF - I - 12(C)
Wattage		12 W/m
Fitting length (L)		37mm - 4015mm
Weight		67 g / 1012mm
Luminaire efficacy (2400K)		52.2 lm/W
Light source color	Delivered CCT	○ = Device inventory
NL24 5000K-2400K	4200K-2300K	○
N 5000K 100%	4200K	Ra 91 354 lm
WW 5000K,2400K 100%	3100K	Ra 91 626 lm
L24 2400K 100%	2300K	Ra 89 270 lm

Light distribution



End point of lead wires



Min bending radius



Luci RIMiT flex THOF is a top bend product, designed to be bent only perpendicular to the luminous surface.
Minimum bending radius: R75mm

General Specification

Input voltage	DC24V
Environment	Indoor (no condensation) 0°C- +35°C (no condensation)
Max. length per circuit	4m
Min. bending range	R75mm
Material (body)	Silicone
Attachments	⑧ Outer cap 1pc
Accessories	① ② Mounting rail ③ ④ Mounting clip ⑤ Rail cover ⑥ Clip for cable ⑦ Power supply cable ⑧ Outer cap ⑨ Magnet set
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
2.9 m	50W power supply
6.3 m*	100W power supply
8.8 m*	150W power supply

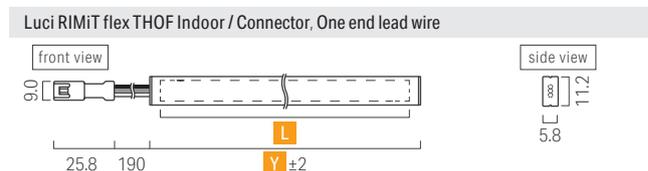
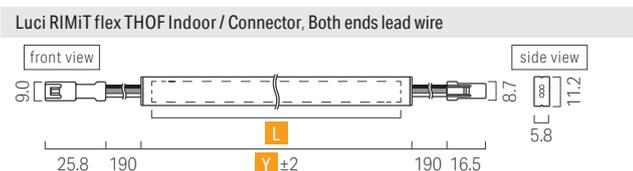
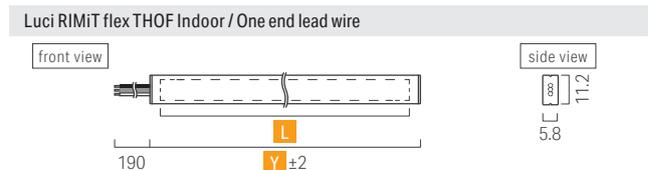
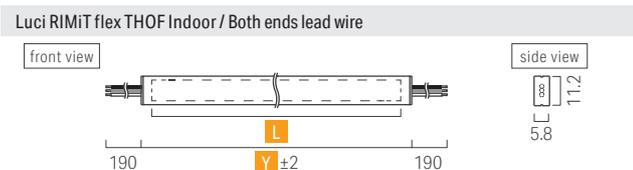
Custom order length

Length	length (mm) L	Fitting length (mm) Y	Wattage (W)
0025	25	37	0.3
0050	50	62	0.6
0075	75	87	0.9
0100	100	112	1.2
0125	125	137	1.5
0150	150	162	1.8
0175	175	187	2.1
0200	200	212	2.4
0225	225	237	2.7
0250	250	262	3.0
0275	275	287	3.3
0300	300	312	3.6
0325	325	337	3.9
0350	350	362	4.2
0375	375	387	4.5
0400	400	412	4.8
0425	425	437	5.1
0450	450	462	5.4
0475	475	487	5.7
0500	500	512	6.0
0525	525	537	6.3
0550	550	562	6.6
0575	575	587	6.9
0600	600	612	7.2
0625	625	637	7.5
0650	650	662	7.8
0675	675	687	8.1
0700	700	712	8.4
0725	725	737	8.7
0750	750	762	9.0
0775	775	787	9.3
0800	800	812	9.6
0825	825	837	9.9
0850	850	862	10.2
0875	875	887	10.5
0900	900	912	10.8
0925	925	937	11.1
0950	950	962	11.4
0975	975	987	11.7
1000	1000	1012	12.0
1025	1025	1038	12.3
1050	1050	1063	12.6
1075	1075	1088	12.9
1100	1100	1113	13.2
1125	1125	1138	13.5
1150	1150	1163	13.8
1175	1175	1188	14.1
1200	1200	1213	14.4
1225	1225	1238	14.7
1250	1250	1263	15.0
1275	1275	1288	15.3
1300	1300	1313	15.6
1325	1325	1338	15.9
1350	1350	1363	16.2
1375	1375	1388	16.5

Length	length (mm) L	Fitting length (mm) Y	Wattage (W)
1400	1400	1413	16.8
1425	1425	1438	17.1
1450	1450	1463	17.4
1475	1475	1488	17.7
1500	1500	1513	18.0
1525	1525	1538	18.3
1550	1550	1563	18.6
1575	1575	1588	18.9
1600	1600	1613	19.2
1625	1625	1638	19.5
1650	1650	1663	19.8
1675	1675	1688	20.1
1700	1700	1713	20.4
1725	1725	1738	20.7
1750	1750	1763	21.0
1775	1775	1788	21.3
1800	1800	1813	21.6
1825	1825	1838	21.9
1850	1850	1863	22.2
1875	1875	1888	22.5
1900	1900	1913	22.8
1925	1925	1938	23.1
1950	1950	1963	23.4
1975	1975	1988	23.7
2000	2000	2013	24.0
2025	2025	2039	24.3
2050	2050	2064	24.6
2075	2075	2089	24.9
2100	2100	2114	25.2
2125	2125	2139	25.5
2150	2150	2164	25.8
2175	2175	2189	26.1
2200	2200	2214	26.4
2225	2225	2239	26.7
2250	2250	2264	27.0
2275	2275	2289	27.3
2300	2300	2314	27.6
2325	2325	2339	27.9
2350	2350	2364	28.2
2375	2375	2389	28.5
2400	2400	2414	28.8
2425	2425	2439	29.1
2450	2450	2464	29.4
2475	2475	2489	29.7
2500	2500	2514	30.0
2525	2525	2539	30.3
2550	2550	2564	30.6
2575	2575	2589	30.9
2600	2600	2614	31.2
2625	2625	2639	31.5
2650	2650	2664	31.8
2675	2675	2689	32.1
2700	2700	2714	32.4
2725	2725	2739	32.7
2750	2750	2764	33.0

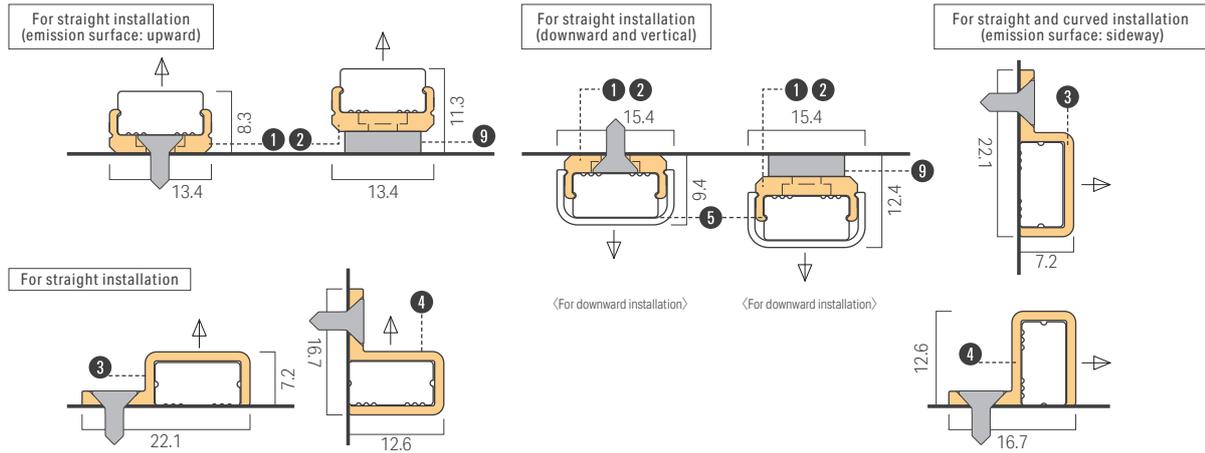
Length	length (mm) L	Fitting length (mm) Y	Wattage (W)
2775	2775	2789	33.3
2800	2800	2814	33.6
2825	2825	2839	33.9
2850	2850	2864	34.2
2875	2875	2889	34.5
2900	2900	2914	34.8
2925	2925	2939	35.1
2950	2950	2964	35.4
2975	2975	2989	35.7
3000	3000	3014	36.0
3025	3025	3040	36.3
3050	3050	3065	36.6
3075	3075	3090	36.9
3100	3100	3115	37.2
3125	3125	3140	37.5
3150	3150	3165	37.8
3175	3175	3190	38.1
3200	3200	3215	38.4
3225	3225	3240	38.7
3250	3250	3265	39.0
3275	3275	3290	39.3
3300	3300	3315	39.6
3325	3325	3340	39.9
3350	3350	3365	40.2
3375	3375	3390	40.5
3400	3400	3415	40.8
3425	3425	3440	41.1
3450	3450	3465	41.4
3475	3475	3490	41.7
3500	3500	3515	42.0
3525	3525	3540	42.3
3550	3550	3565	42.6
3575	3575	3590	42.9
3600	3600	3615	43.2
3625	3625	3640	43.5
3650	3650	3665	43.8
3675	3675	3690	44.1
3700	3700	3715	44.4
3725	3725	3740	44.7
3750	3750	3765	45.0
3775	3775	3790	45.3
3800	3800	3815	45.6
3825	3825	3840	45.9
3850	3850	3865	46.2
3875	3875	3890	46.5
3900	3900	3915	46.8
3925	3925	3940	47.1
3950	3950	3965	47.4
3975	3975	3990	47.7
4000	4000	4015	48.0

External dimensions



Luci RIMiT® flex THOF Indoor

Cross sectional view with accessories

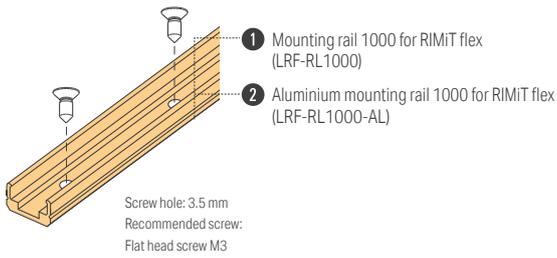


Accessories

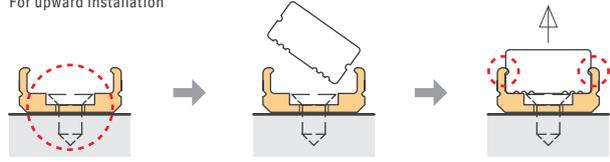
<p>1 Mounting rail 1000 for RIMiT flex Model No : LRF-RL1000 980mm For straight installation</p> <p>Magnet mounting available</p> <p>7 Magnet set A</p> <p>Screw hole : $\Phi 3.5$</p>	<p>2 Aluminium mounting rail 1000 for RIMiT flex Model No : LRF-RL1000-AL 980mm For straight installation</p> <p>Magnet mounting available</p> <p>7 Magnet set A</p> <p>Screw hole : $\Phi 3.5$</p>
<p>3 Mounting clip A for RIMiT flex Model No : LRF-PT-A 5pcs/1bag For straight and curved installation Magnet installation not supported</p>	<p>4 Mounting clip B for RIMiT flex Model No : LRF-PT-B 5pcs/1bag For straight and curved installation Magnet installation not supported</p>
<p>5 Rail cover for RIMiT flex Model No : LRF-C1000 Fixing the luminaire to the mounting rail Corresponding rail: 1 Mounting rail, 2 Aluminium mounting rail</p>	<p>6 Clip J for Lead Wire Model No : LRM-PT-J 5pcs/1bag For securing the joining of two cables</p>
<p>7 Power supply cable 5M Model No : CAD-5000-MTFT-O 1 pcs per circuit for connecting the LED fixture to power supply or dimmer driver.</p>	<p>8 Outercap B for RIMiT flex Attachments Model No : LRF-PT-C 1pcs/1bag 1pcs per 1 open-ended fixture For sealing the open end of LED fixture after cutting</p>
<p>9 Magnet set R for rail Model No : MG-R 4sets / 1 bag 1 pcs per circuit for connecting the LED fixture to power supply or dimmer driver. Corresponding rail: 1 Mounting rail, 2 Aluminium mounting rail</p>	

Installing the product

For straight installation



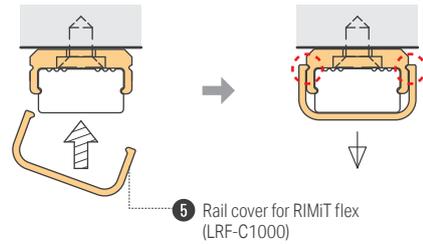
For upward installation



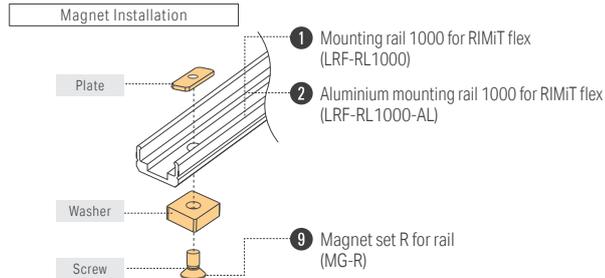
Recommended screw:
Flat head screw M3

Insert the LED fixture into the mounting rail by sliding it in at an angle while pushing it. Fit the dashed circle properly.

For downward or vertical installation

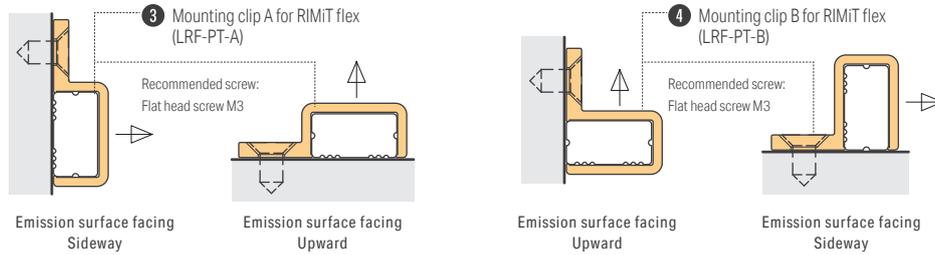


To prevent detachment, use a rail cover. After attaching the LED fixture into the rail, insert the rail cover at an angle while gently spreading it open. Ensure the dashed circle is hooked.
*For downward or vertical installation, please use a rail cover to prevent the fixture from falling.



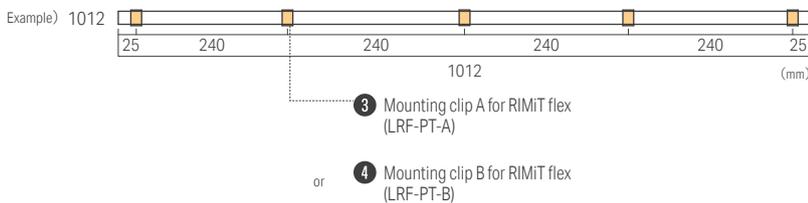
For straight and curved installation

For curved installation or installation where rail cannot be used

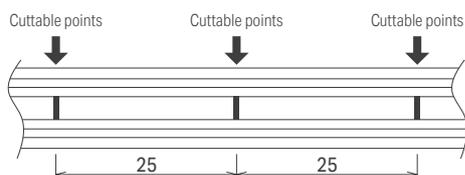


* If any section of the LED fixture sags or deforms, please use more clips to secure the fixture.
* To prevent sagging, deformation, or malfunction of the LED fixture, please refrain from using mounting clips A and B when installing with the light emitting surface facing downward.

Recommended position of Mounting clip A, Mounting clip B



Cutting of lamp fitting

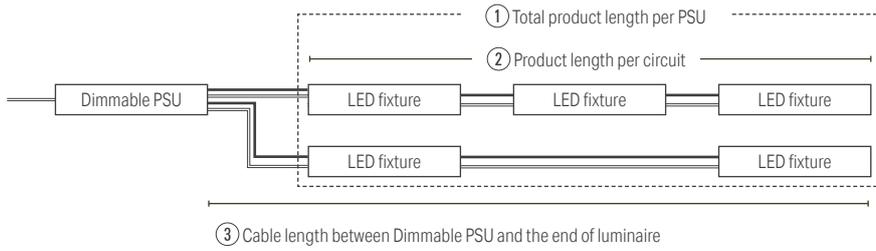


RIMiT flex THOF Indoor version can be cut every 25mm at the marks on the back of the fixture to adjust the length.

RIMiT flex THOF can be cut every 25mm as indicated on the back of the fixture. Cutting at the incorrect points may damage the fixture and causing it from lighting up properly. Do not solder cables onto the circuit board of the cut LED fixture and end caps are required to seal the open ends of the LED fixture after cutting.

Luci RIMiT® flex THOF Indoor

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)
DIM-S2L8V-0	167 × 51 × 23

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			DIM-S2L8V-0 (8A x 2ch. MAX)	DIM-S8L8V-0 (8A x 2ch. MAX)	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3A, 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 Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LRFTH-T**-NL24-DF-I-12	12	4	10*	6*	11.6*	7.0*	5.2*	3.5	2.3
			Cross section	0.75 sq			1.25 sq		
			Wiregauge	AWG 18			AWG 16		
Model No.	Wattage (W/m)	② Max. length per circuit (m)	③ Max. cable length between PSU and the end of luminaire at ② Max. length per circuit (m)						
LRFTH-T**-NL24-DF-I-12	12 W/m	4	25			35			



THOF



Flex

RIMiT flex THOF

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

RIMiT flex THOF
WEB

