



Revolutionize designs with our
sleek 5.4mm dot-free tape light!
4.5 W/m, 244 lm/m



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

RIMiT[®] flex-s

Indoor



Releasing in October 2024

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

RIMiT[®] flex-s

Indoor



point
1

Compact yet practical
244 lm/m



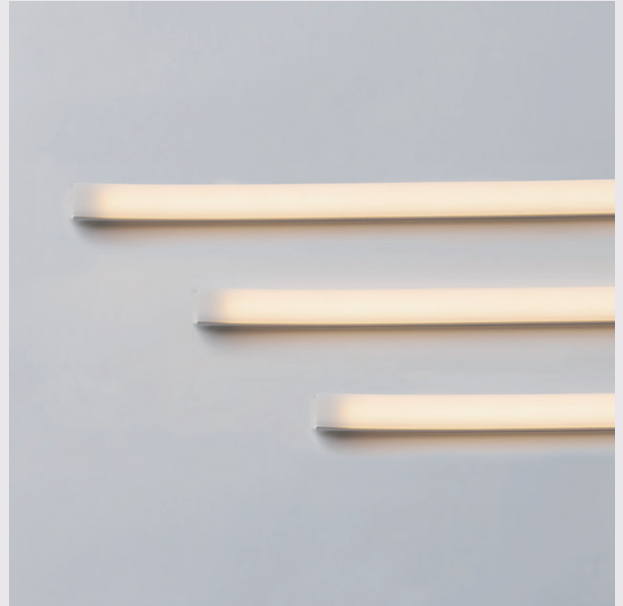
point
2

Length adjustable on site
in 25mm increment



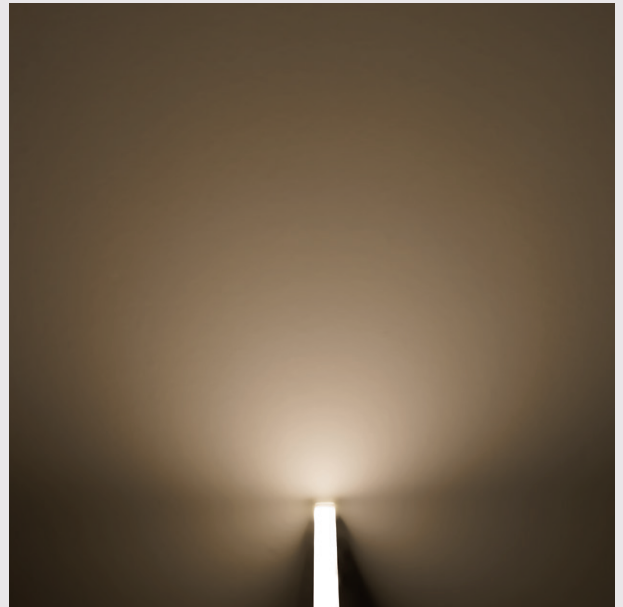
point
3

Available in 160 different lengths ranging from 25mm to 4000mm for indoor specification



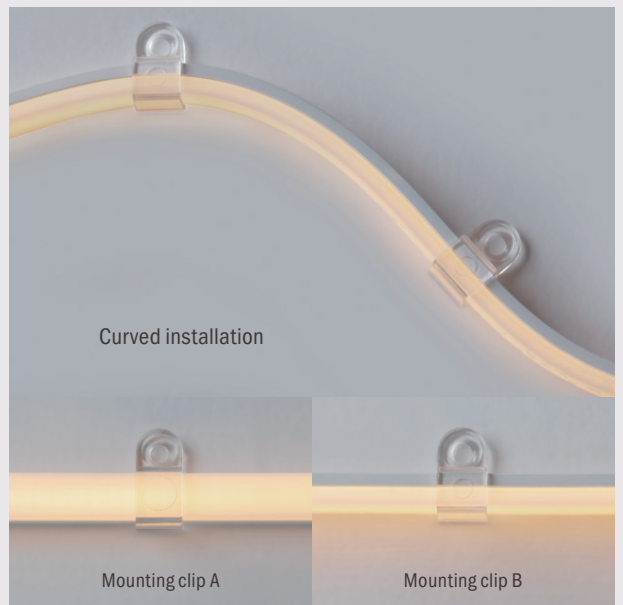
point
4

Wide and gentle light distribution



point
5

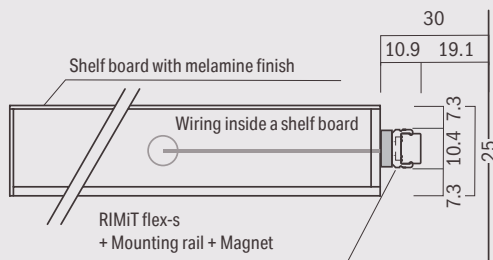
Various mounting accessories for RIMiT flex-s



Recommended applications

scene 1 Shelf | Back lighting

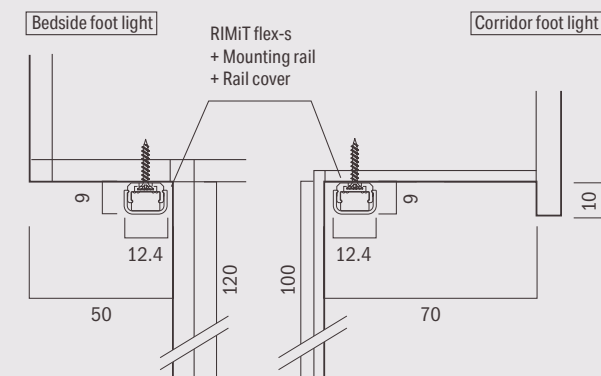
Dot-less aesthetic display lighting that can be customized on site, trimmed at every 25mm to perfectly fit the shelf width. Magnet set is also available for easy installation.



Image

scene 2 Skirting / Footlight

Custom sizes are available up to 4 meters, enabling seamless and elegant illumination for long corridors or furniture.

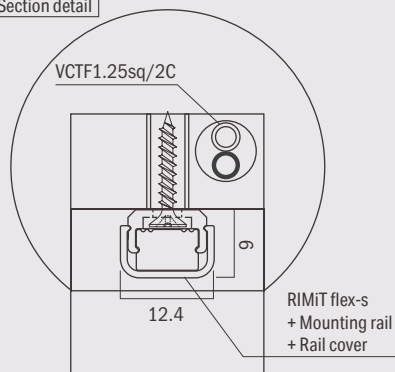


Image

scene 3 Handrail lighting

Enhance nighttime safety while featuring an elegant ambiance with a brightness of 244lm/m.

Example : Section detail



Image

LRFS-T-I

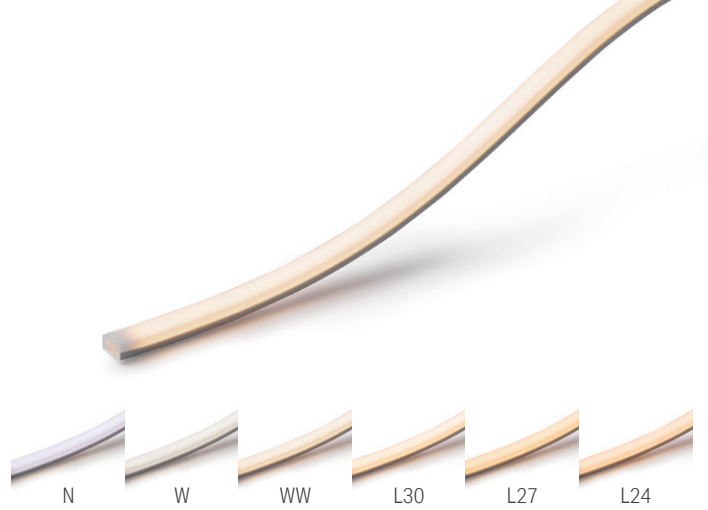


Color management
MacAdam 3 step

CE

1 years warranty

- Unique flexible strip light featuring a dot-free design, ideal for a wide range of creative designs and applications both indoors and outdoors.
- Exceptionally slim design emitting a soothing brightness at 244lm per meter
- Customizable from 25mm to 4000mm, with on-site length adjustments available for the indoor version, ensuring for a perfect fit.



Model No. (Open end)

LRFS - T [] [] [] [] [] - [] - DF - I - 4

Model No. (Connector)

LRFS - T [] [] [] [] [] - [] - DF - I - 4 (C)

Product Name	Length / Lead wire	Light source color	Cover Type	Environment	Wattage	Connector
LRFS	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	I : Indoor	4 : 4.5W/m	(C) : Connector

Specification

Model No.	Open end	Connector	LRFS-T [] [] [] [] [] - [] - DF - I - 4	LRFS-T [] [] [] [] [] - [] - DF - I - 4(C)
Wattage			4.5 W/m	
Fitting length(L)			37mm - 4015mm	
Weight			47 g / 1012mm	
Luminaire efficacy(2700K)			54.2 lm/W	
Light source color	Delivered CCT	○ = Device inventory		
N 5000K Ra 93	4100K		○ 257 lm	
W 4000K Ra 94	3400K		○ 289 lm	
WW 3500K Ra 92	3000K		○ 287 lm	
L30 3000K Ra 93	2700K		○ 256 lm	
L27 2700K Ra 93	2400K		○ 244 lm	
L24 2400K Ra 91	2200K		○ 237 lm	

Light distribution



Min bending radius



Luci RIMiT flex-s is a top bend product, can only be bent perpendicular to the luminous surface. Minimum bending radius: up to R75mm.

End point of lead wires



General Specification

Input voltage	DC24V
Environment	Indoor (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
7.8 m*	50W power supply
15.6 m*	100W power supply
23.4 m*	150W power supply

Custom order length

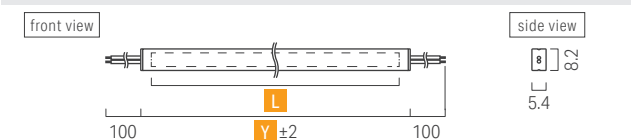
Length	length (mm) L	Fitting length (mm) Y	Wattage (W)
0025	25	37	0.1
0050	50	62	0.2
0075	75	87	0.3
0100	100	112	0.5
0125	125	137	0.6
0150	150	162	0.7
0175	175	187	0.8
0200	200	212	0.9
0225	225	237	1.0
0250	250	262	1.1
0275	275	287	1.2
0300	300	312	1.4
0325	325	337	1.5
0350	350	362	1.6
0375	375	387	1.7
0400	400	412	1.8
0425	425	437	1.9
0450	450	462	2.0
0475	475	487	2.1
0500	500	512	2.3
0525	525	537	2.4
0550	550	562	2.5
0575	575	587	2.6
0600	600	612	2.7
0625	625	637	2.8
0650	650	662	2.9
0675	675	687	3.1
0700	700	712	3.2
0725	725	737	3.3
0750	750	762	3.4
0775	775	787	3.5
0800	800	812	3.6
0825	825	837	3.7
0850	850	862	3.8
0875	875	887	4.0
0900	900	912	4.1
0925	925	937	4.2
0950	950	962	4.3
0975	975	987	4.4
1000	1000	1012	4.5
1025	1025	1038	4.6
1050	1050	1063	4.7
1075	1075	1088	4.9
1100	1100	1113	5.0
1125	1125	1138	5.1
1150	1150	1163	5.2
1175	1175	1188	5.3
1200	1200	1213	5.4
1225	1225	1238	5.5
1250	1250	1263	5.7
1275	1275	1288	5.8
1300	1300	1313	5.9
1325	1325	1338	6.0
1350	1350	1363	6.1
1375	1375	1388	6.2

Length	length (mm) L	Fitting length (mm) Y	Wattage (W)
1400	1400	1413	6.3
1425	1425	1438	6.4
1450	1450	1463	6.6
1475	1475	1488	6.7
1500	1500	1513	6.8
1525	1525	1538	6.9
1550	1550	1563	7.0
1575	1575	1588	7.1
1600	1600	1613	7.2
1625	1625	1638	7.3
1650	1650	1663	7.5
1675	1675	1688	7.6
1700	1700	1713	7.7
1725	1725	1738	7.8
1750	1750	1763	7.9
1775	1775	1788	8.0
1800	1800	1813	8.1
1825	1825	1838	8.2
1850	1850	1863	8.4
1875	1875	1888	8.5
1900	1900	1913	8.6
1925	1925	1938	8.7
1950	1950	1963	8.8
1975	1975	1988	8.9
2000	2000	2013	9.0
2025	2025	2039	9.2
2050	2050	2064	9.3
2075	2075	2089	9.4
2100	2100	2114	9.5
2125	2125	2139	9.6
2150	2150	2164	9.7
2175	2175	2189	9.8
2200	2200	2214	9.9
2225	2225	2239	10.1
2250	2250	2264	10.2
2275	2275	2289	10.3
2300	2300	2314	10.4
2325	2325	2339	10.5
2350	2350	2364	10.6
2375	2375	2389	10.7
2400	2400	2414	10.8
2425	2425	2439	11.0
2450	2450	2464	11.1
2475	2475	2489	11.2
2500	2500	2514	11.3
2525	2525	2539	11.4
2550	2550	2564	11.5
2575	2575	2589	11.6
2600	2600	2614	11.8
2625	2625	2639	11.9
2650	2650	2664	12.0
2675	2675	2689	12.1
2700	2700	2714	12.2
2725	2725	2739	12.3
2750	2750	2764	12.4

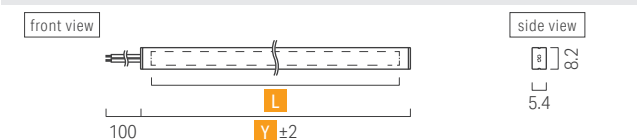
Length	length (mm) L	Fitting length (mm) Y	Wattage (W)
2775	2775	2789	12.5
2800	2800	2814	12.7
2825	2825	2839	12.8
2850	2850	2864	12.9
2875	2875	2889	13.0
2900	2900	2914	13.1
2925	2925	2939	13.2
2950	2950	2964	13.3
2975	2975	2989	13.4
3000	3000	3014	13.6
3025	3025	3040	13.7
3050	3050	3065	13.8
3075	3075	3090	13.9
3100	3100	3115	14.0
3125	3125	3140	14.1
3150	3150	3165	14.2
3175	3175	3190	14.4
3200	3200	3215	14.5
3225	3225	3240	14.6
3250	3250	3265	14.7
3275	3275	3290	14.8
3300	3300	3315	14.9
3325	3325	3340	15.0
3350	3350	3365	15.1
3375	3375	3390	15.3
3400	3400	3415	15.4
3425	3425	3440	15.5
3450	3450	3465	15.6
3475	3475	3490	15.7
3500	3500	3515	15.8
3525	3525	3540	15.9
3550	3550	3565	16.0
3575	3575	3590	16.2
3600	3600	3615	16.3
3625	3625	3640	16.4
3650	3650	3665	16.5
3675	3675	3690	16.6
3700	3700	3715	16.7
3725	3725	3740	16.8
3750	3750	3765	17.0
3775	3775	3790	17.1
3800	3800	3815	17.2
3825	3825	3840	17.3
3850	3850	3865	17.4
3875	3875	3890	17.5
3900	3900	3915	17.6
3925	3925	3940	17.7
3950	3950	3965	17.9
3975	3975	3990	18.0
4000	4000	4015	18.1

External dimensions

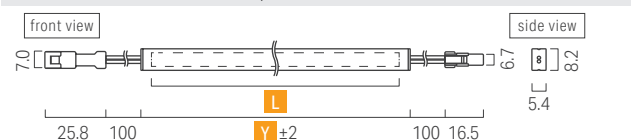
Luci RIMiT flex / Indoor, Both ends lead wire



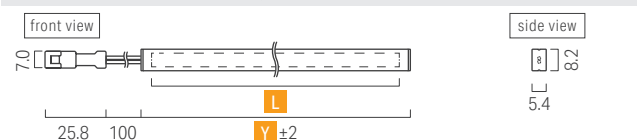
Luci RIMiT flex / Indoor, One end lead wire



Luci RIMiT flex / Indoor, Connector, Both ends lead wire

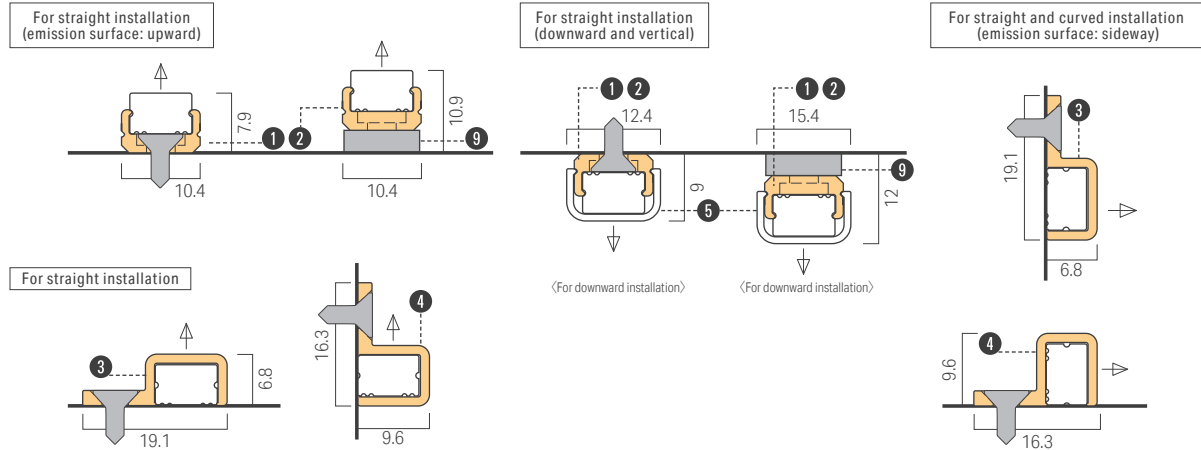


Luci RIMiT flex / Indoor, Connector, One end lead wire

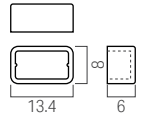


Luci RIMiT® flex-s Indoor

Cross sectional view with accessories

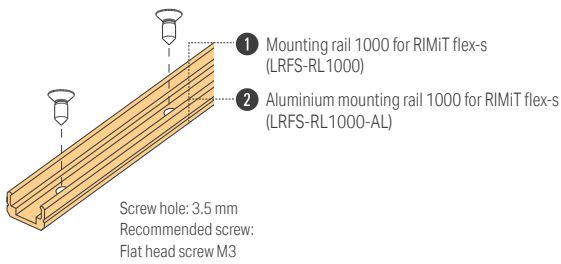


Accessories

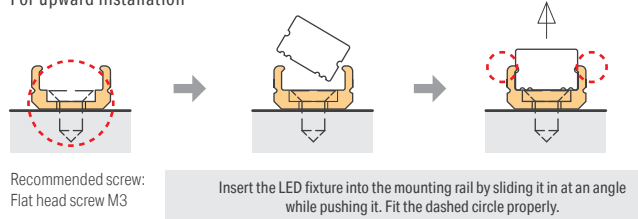
<p>1 Mounting rail 1000 for RIMiT flex-s Model No : LRFS-RL1000 980mm For straight installation Magnet mounting available 7 Magnet set A</p>  <p>Screw hole: $\Phi 3.5$</p> <table border="1" data-bbox="359 907 798 1030"> <tr> <td>45</td> <td>200</td> <td>200</td> <td>90</td> <td>200</td> <td>200</td> <td>45</td> </tr> <tr> <td colspan="7">980</td> </tr> </table>	45	200	200	90	200	200	45	980							<p>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</p>  <p>Screw hole: $\Phi 3.5$</p> <table border="1" data-bbox="1061 907 1482 1030"> <tr> <td>45</td> <td>200</td> <td>200</td> <td>90</td> <td>200</td> <td>200</td> <td>45</td> </tr> <tr> <td colspan="7">980</td> </tr> </table>	45	200	200	90	200	200	45	980						
45	200	200	90	200	200	45																							
980																													
45	200	200	90	200	200	45																							
980																													
<p>3 Mounting clip A for RIMiT flex-s Model No : LRFS-PT-A 5pcs/1bag For straight and curved installation Magnet installation not supported</p>  	<p>4 Mounting clip B for RIMiT flex-s Model No : LRFS-PT-B 5pcs/1bag For straight and curved installation Magnet installation not supported</p>  																												
<p>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</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-MEFE-O 1 pcs per circuit for connecting the LED fixture to power supply or dimmer driver.</p>  	<p>8 Outercap B for RIMiT flex-s Attachments Model No : LRFS-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

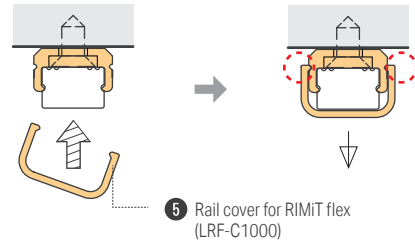
For straight installation



For upward installation

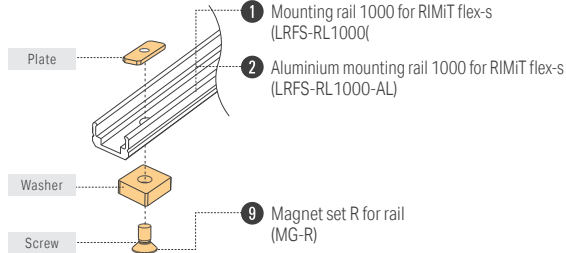


For downward or vertical installation



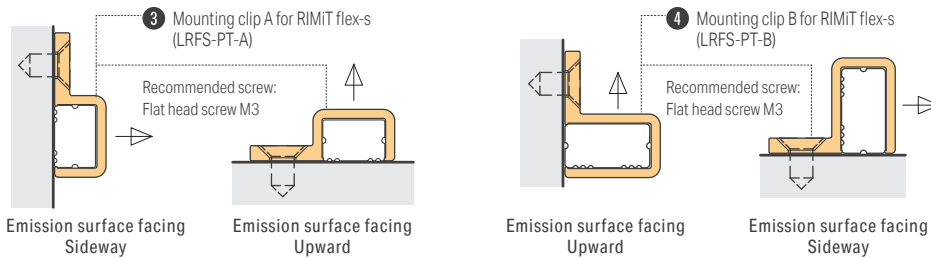
To prevent detachment, use a rail cover. After attaching the LED fixture into the rail, insert the rail cover at an angle while gently spreading it open. Ensure the dashed circle is hooked.
*For downward or vertical installation, please use a rail cover to prevent the fixture from falling.

Magnet Installation



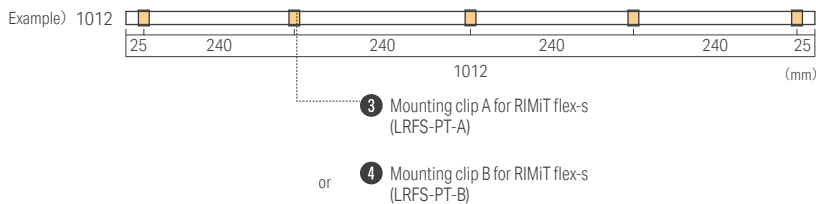
For straight and curved installation

For curved installation or installation where rail cannot be used



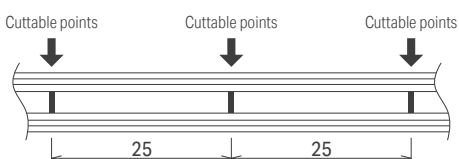
* If any section of the LED fixture sags or deforms, please use more clips to secure the fixture.
* To prevent sagging, deformation, or malfunction of the LED fixture, please refrain from using mounting clips A and B when installing with the light emitting surface facing downward.

Recommended position of Mounting clip A, Mounting clip B



Recommended minimum 5 pcs per 1 meter

Cutting of lamp fitting

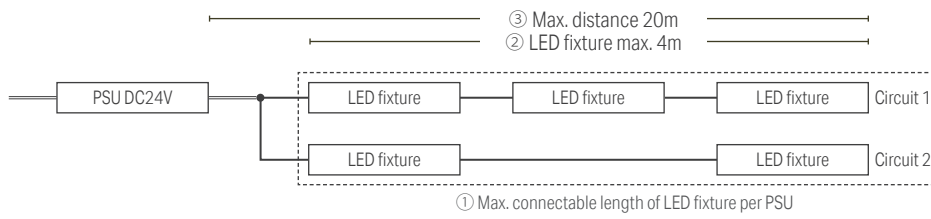


RIMiT flex-s Indoor version can be cut every 25mm at the marks on the back of the fixture to adjust the length.

RIMiT flex-s 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-s Indoor

System configuration diagram



- ① Max. connectable total length of LED fixture per power supply depends on capacity of power supply. Recommended loading factor: 70% (without dimming) or 60% (with dimming)
- ② If connectable length of LED fixture per circuit exceeds the maximum, please split into multiple circuit.
- ③ To avoid voltage drop, please consider the max. distance from power supply to the end of LED fixture. (i.e. total cable length plus LED fixture length)

Optical data



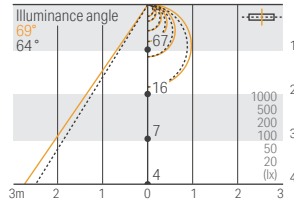
**LRFS
RIMiT flex-s**

Color temperature

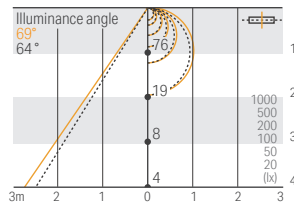
5000K 4000K 3500K 3000K 2700K 2400K

Direct horizontal surface light intensity distribution chart

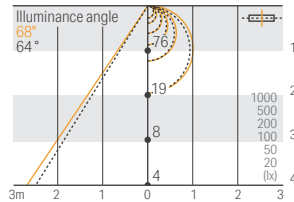
LRFS-T1000 □ -N-DF-□-4
Light source color 5000K
Brightness 67 cd
Luminous flux 257 lm
Color rendering index Ra 93



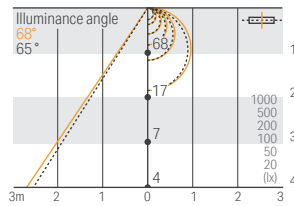
LRFS-T1000 □ -D-DF-□-4
Light source color 4000K
Brightness 76 cd
Luminous flux 289 lm
Color rendering index Ra 94



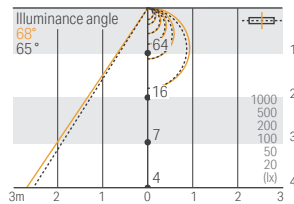
LRFS-T1000 □ -WW-DF-□-4
Light source color 3500K
Brightness 76 cd
Luminous flux 287 lm
Color rendering index Ra 92



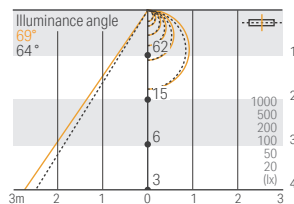
LRFS-T1000 □ -L30-DF-□-4
Light source color 3000K
Brightness 68 cd
Luminous flux 256 lm
Color rendering index Ra 93



LRFS-T1000 □ -L27-DF-□-4
Light source color 2700K
Brightness 64 cd
Luminous flux 244 lm
Color rendering index Ra 93

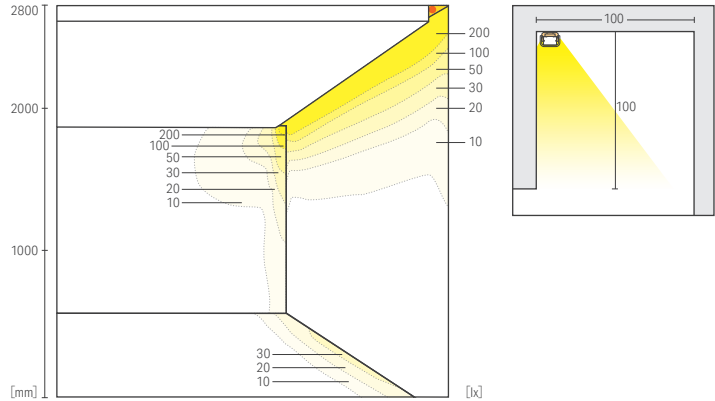


LRFS-T1000 □ -L24-DF-□-4
Light source color 2400K
Brightness 62 cd
Luminous flux 237 lm
Color rendering index Ra 91

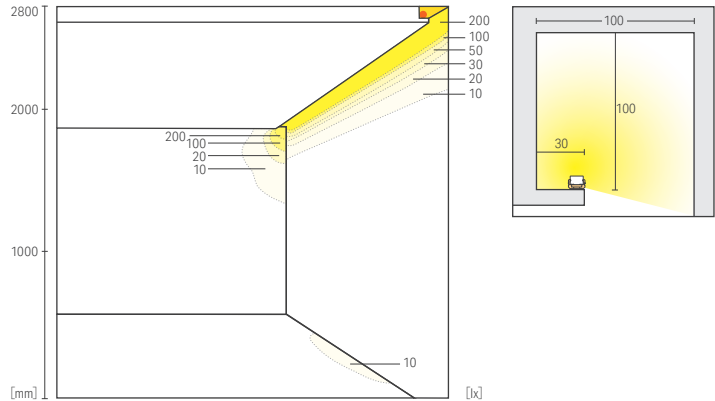


Recommend dimensions and illumination distributions

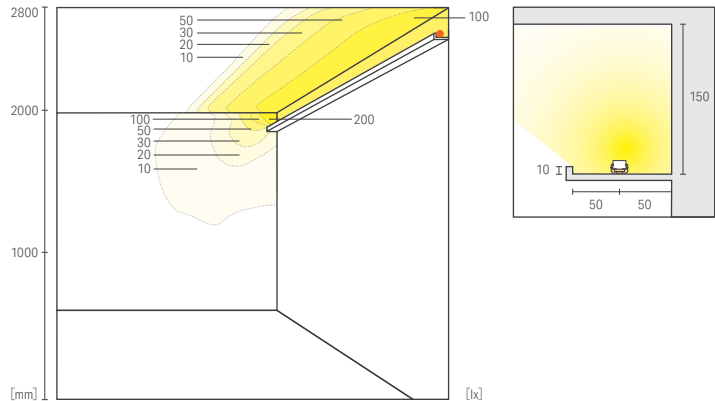
Cornice lighting-1 CH=2800



Cornice lighting-2 CH=2800



Cove lighting CH=2800





RIMIT flex-s

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Tel: +86-10-6556-9541 E-mail: info@luci.co.jp

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

RIMiT flex
WEB

