



Revolutionize designs with our
sleek 5.8mm dot-free tape light!
9.7 W/m, 535 lm/m

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

RIMiT[®] flex

IP65



Releasing in October 2024

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

RIMiT[®] flex

IP65



Flex

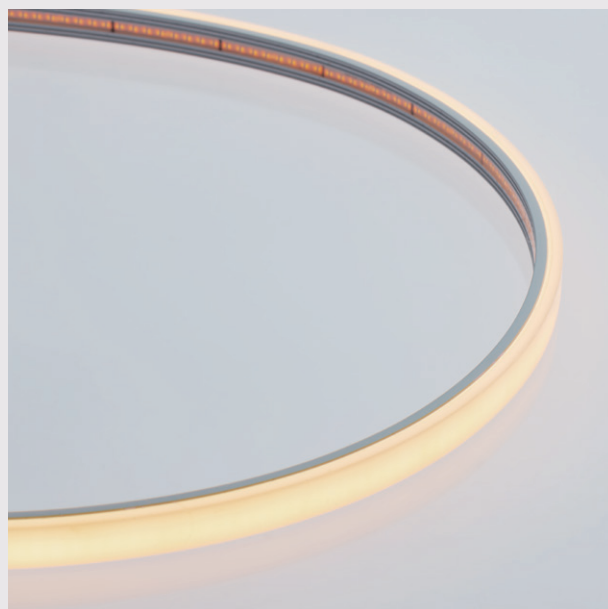
point
1

Compact yet practical
535 lm/m



point
2

Length adjustable on site
in 25mm increment



point
3

Available in 160 different
lengths ranging
from 25mm to 4000mm
for IP67 specification



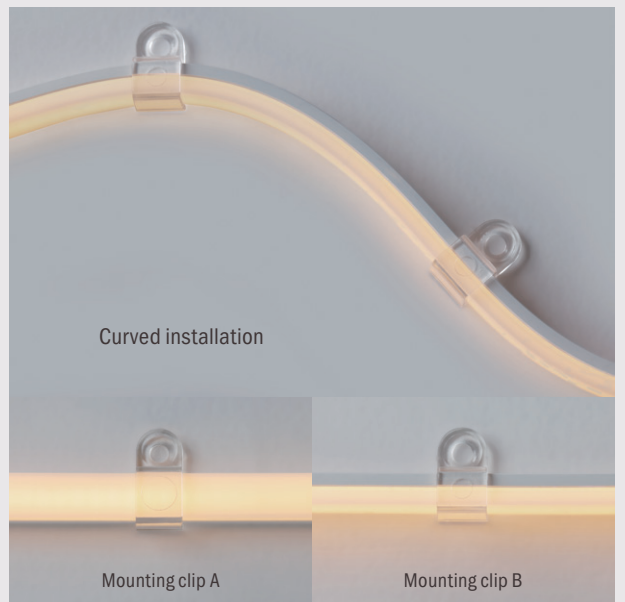
point
4

Wide and gentle
light distribution



point
5

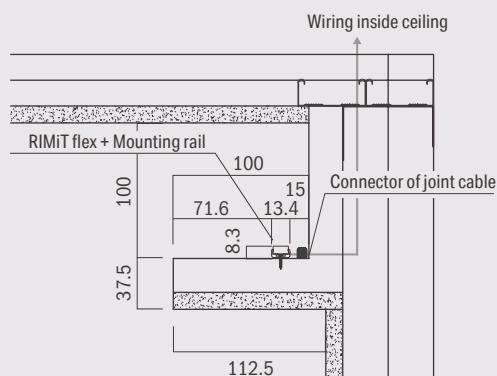
Various mounting
accessories for RIMiT flex



Recommended applications

scene 1 Ceiling cove light

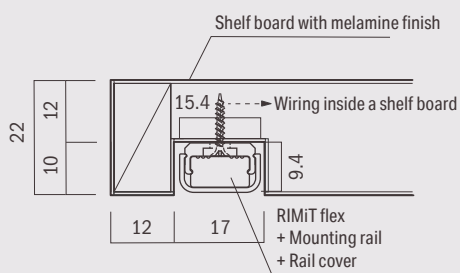
Featuring a dotless slim design and soft light distribution, the fixture stays unobtrusive in fascia-less cove lighting.



image

scene 2 Shelf | Recessed lighting

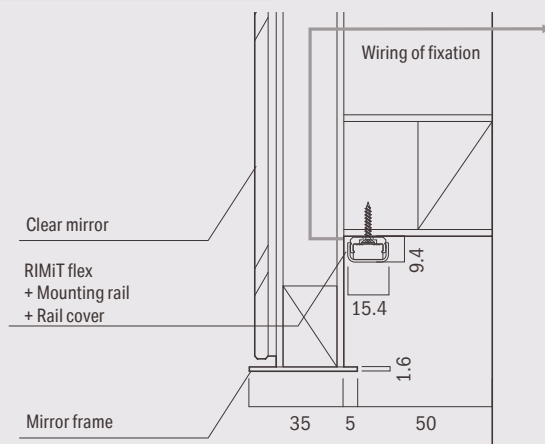
Aesthetic display lighting that can be customized on site, trimmable at every 25mm to perfectly fit the shelf width.



image

scene 3 Mirror back lighting

Designed particularly for its flexibility and prolonged customizable length, it delivers consistent, continuous indirect lighting, ideal for circular mirrors



image

LRF-T-0



Color management
MacAdam 3 step



1 years warranty

- Revolutionize designs with sleek 5.8mm dot-free tape light!
- Beautiful surface emission enhances the versatility of design possibilities
- Available in 160 different lengths ranging from 25mm to 4000mm for IP67 specification

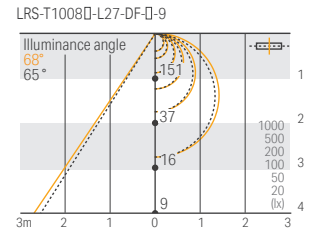


Model No.

LRF - T **- DF - O - 9**

Product Name	Length / Lead wire	Light source color	Cover Type	Environment	Wattage
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

Light Intensity Refer to P.10



Specification

Model No.	Open end	LRF-T <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - DF - O - 9	
Wattage		9.7 W/m	
Fitting length(L)		43mm - 4025mm	
Weight		67 g / 1022mm	
Luminaire efficacy(2700K)		55.4 lm/W	
Light source color	Delivered CCT	○ = Device inventory	
N 5000K Ra 96	4100K	○	620 lm
W 4000K Ra 91	3400K	○	642 lm
WW 3500K Ra 90	3000K	○	624 lm
L30 3000K Ra 90	2700K	○	566 lm
L27 2700K Ra 91	2400K	○	535 lm
L24 2400K Ra 89	2200K	○	491 lm

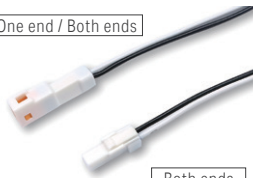
Light distribution



End point of lead wires

Connector

One end / Both ends



Both ends

Min bending radius



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

General Specification

Input voltage	DC24V
Environment	Outdoor (no condensation) , IP65
Max. length Per circuit	4m
Min. bending range	R75mm
Material (body)	Silicone
Attachments	-
Accessories	① ② Mounting rail ③ ④ Mounting clip ⑤ Rail cover ⑥ Clip for cable ⑦ Power supply 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
3.6 m	50W power supply
7.2 m*	100W power supply
10.8 m*	150W power supply

Custom order length

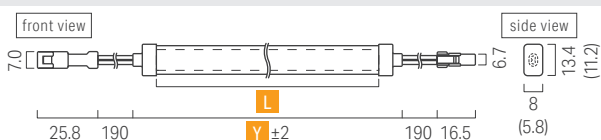
Length	length (mm) L	Fitting length (mm) Y		Wattage (W)
		Both ends	One end	
0025	25	47	43	0.2
0050	50	72	68	0.5
0075	75	97	93	0.7
0100	100	122	118	1.0
0125	125	147	143	1.2
0150	150	172	168	1.5
0175	175	197	193	1.7
0200	200	222	218	1.9
0225	225	247	243	2.2
0250	250	272	268	2.4
0275	275	297	293	2.7
0300	300	322	318	2.9
0325	325	347	343	3.1
0350	350	372	368	3.4
0375	375	397	393	3.6
0400	400	422	418	3.9
0425	425	447	443	4.1
0450	450	472	468	4.4
0475	475	497	493	4.6
0500	500	522	518	4.8
0525	525	547	543	5.1
0550	550	572	568	5.3
0575	575	597	593	5.6
0600	600	622	618	5.8
0625	625	647	643	6.1
0650	650	672	668	6.3
0675	675	697	693	6.5
0700	700	722	718	6.8
0725	725	747	743	7.0
0750	750	772	768	7.3
0775	775	797	793	7.5
0800	800	822	818	7.7
0825	825	847	843	8.0
0850	850	872	868	8.2
0875	875	897	893	8.5
0900	900	922	918	8.7
0925	925	947	943	9.0
0950	950	972	968	9.2
0975	975	997	993	9.4
1000	1000	1022	1018	9.7
1025	1025	1048	1044	9.9
1050	1050	1073	1069	10.2
1075	1075	1098	1094	10.4
1100	1100	1123	1119	10.6
1125	1125	1148	1144	10.9
1150	1150	1173	1169	11.1
1175	1175	1198	1194	11.4
1200	1200	1223	1219	11.6
1225	1225	1248	1244	11.9
1250	1250	1273	1269	12.1
1275	1275	1298	1294	12.3
1300	1300	1323	1319	12.6
1325	1325	1348	1344	12.8
1350	1350	1373	1369	13.1

Length	length (mm) L	Fitting length (mm) Y		Wattage (W)
		Both ends	One end	
1375	1375	1398	1394	13.3
1400	1400	1423	1419	13.6
1425	1425	1448	1444	13.8
1450	1450	1473	1469	14.0
1475	1475	1498	1494	14.3
1500	1500	1523	1519	14.5
1525	1525	1548	1544	14.8
1550	1550	1573	1569	15.0
1575	1575	1598	1594	15.2
1600	1600	1623	1619	15.5
1625	1625	1648	1644	15.7
1650	1650	1673	1669	16.0
1675	1675	1698	1694	16.2
1700	1700	1723	1719	16.5
1725	1725	1748	1744	16.7
1750	1750	1773	1769	16.9
1775	1775	1798	1794	17.2
1800	1800	1823	1819	17.4
1825	1825	1848	1844	17.7
1850	1850	1873	1869	17.9
1875	1875	1898	1894	18.2
1900	1900	1923	1919	18.4
1925	1925	1948	1944	18.6
1950	1950	1973	1969	18.9
1975	1975	1998	1994	19.1
2000	2000	2023	2019	19.4
2025	2025	2049	2045	19.6
2050	2050	2074	2070	19.8
2075	2075	2099	2095	20.1
2100	2100	2124	2120	20.3
2125	2125	2149	2145	20.6
2150	2150	2174	2170	20.8
2175	2175	2199	2195	21.1
2200	2200	2224	2220	21.3
2225	2225	2249	2245	21.5
2250	2250	2274	2270	21.8
2275	2275	2299	2295	22.0
2300	2300	2324	2320	22.3
2325	2325	2349	2345	22.5
2350	2350	2374	2370	22.7
2375	2375	2399	2395	23.0
2400	2400	2424	2420	23.2
2425	2425	2449	2445	23.5
2450	2450	2474	2470	23.7
2475	2475	2499	2495	24.0
2500	2500	2524	2520	24.2
2525	2525	2549	2545	24.4
2550	2550	2574	2570	24.7
2575	2575	2599	2595	24.9
2600	2600	2624	2620	25.2
2625	2625	2649	2645	25.4
2650	2650	2674	2670	25.7
2675	2675	2699	2695	25.9
2700	2700	2724	2720	26.1

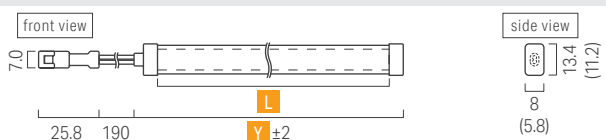
Length	length (mm) L	Fitting length (mm) Y		Wattage (W)
		Both ends	One end	
2725	2725	2749	2745	26.4
2750	2750	2774	2770	26.6
2775	2775	2799	2795	26.9
2800	2800	2824	2820	27.1
2825	2825	2849	2845	27.3
2850	2850	2874	2870	27.6
2875	2875	2899	2895	27.8
2900	2900	2924	2920	28.1
2925	2925	2949	2945	28.3
2950	2950	2974	2970	28.6
2975	2975	2999	2995	28.8
3000	3000	3024	3020	29.0
3025	3025	3050	3046	29.3
3050	3050	3075	3071	29.5
3075	3075	3100	3096	29.8
3100	3100	3125	3121	30.0
3125	3125	3150	3146	30.3
3150	3150	3175	3171	30.5
3175	3175	3200	3196	30.7
3200	3200	3225	3221	31.0
3225	3225	3250	3246	31.2
3250	3250	3275	3271	31.5
3275	3275	3300	3296	31.7
3300	3300	3325	3321	31.9
3325	3325	3350	3346	32.2
3350	3350	3375	3371	32.4
3375	3375	3400	3396	32.7
3400	3400	3425	3421	32.9
3425	3425	3450	3446	33.2
3450	3450	3475	3471	33.4
3475	3475	3500	3496	33.6
3500	3500	3525	3521	33.9
3525	3525	3550	3546	34.1
3550	3550	3575	3571	34.4
3575	3575	3600	3596	34.6
3600	3600	3625	3621	34.8
3625	3625	3650	3646	35.1
3650	3650	3675	3671	35.3
3675	3675	3700	3696	35.6
3700	3700	3725	3721	35.8
3725	3725	3750	3746	36.1
3750	3750	3775	3771	36.3
3775	3775	3800	3796	36.5
3800	3800	3825	3821	36.8
3825	3825	3850	3846	37.0
3850	3850	3875	3871	37.3
3875	3875	3900	3896	37.5
3900	3900	3925	3921	37.8
3925	3925	3950	3946	38.0
3950	3950	3975	3971	38.2
3975	3975	4000	3996	38.5
4000	4000	4025	4021	38.7

External dimensions

Luci RIMiT flex / Outdoor, Both ends lead wire

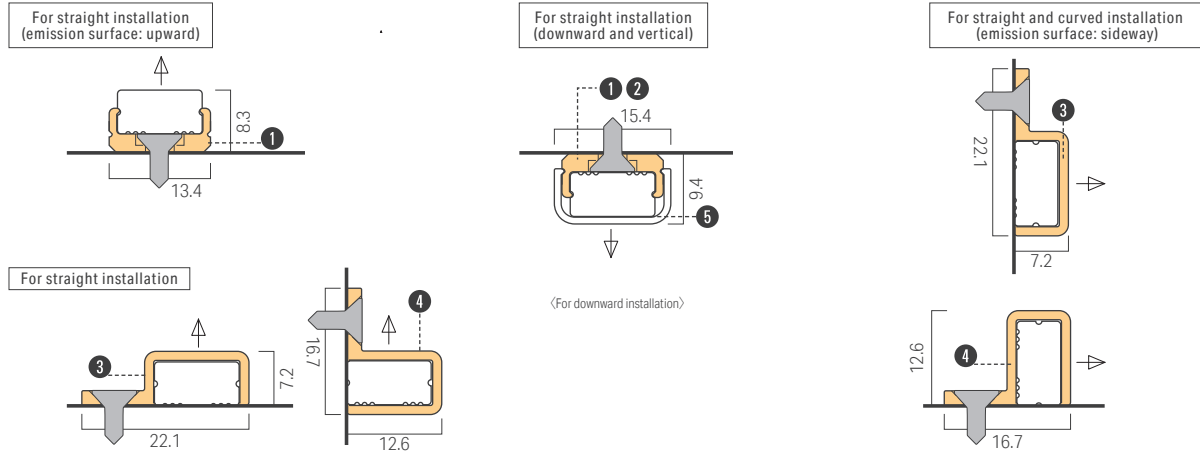


Luci RIMiT flex / Outdoor, One end lead wire


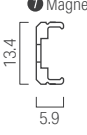



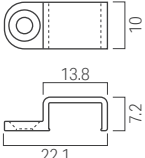

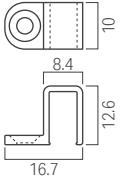

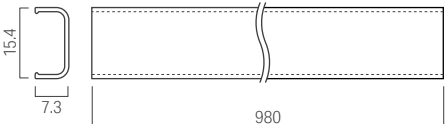





Luci RIMiT® flex IP65

Cross sectional view with accessories

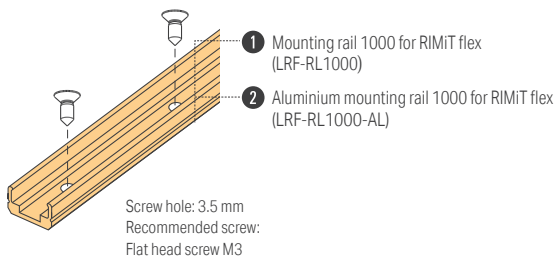


Accessories

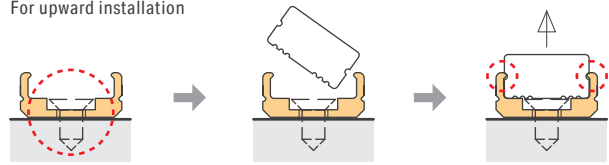
<p>1 Mounting rail 1000 for RIMiT flex Model No : LRF-RL1000 980mm For straight installation Magnet mounting available 7 Magnet set A</p>   <p>Screw hole : $\Phi 3.5$</p> <table border="1"> <tr> <td>45</td> <td>200</td> <td>200</td> <td>90</td> <td>200</td> <td>200</td> <td>45</td> </tr> <tr> <td colspan="7">980</td> </tr> </table>	45	200	200	90	200	200	45	980							<p>2 Aluminium mounting rail 1000 for RIMiT flex Model No : LRF-RL1000-AL 980mm For straight installation Magnet mounting available 7 Magnet set A</p>   <p>Screw hole : $\Phi 3.5$</p> <table border="1"> <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 Model No : LRF-PT-A 5pcs/1bag For straight and curved installation Magnet installation not supported</p>   <p>10 13.8 7.2 22.1</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>10 8.4 12.6 16.7</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>15.4 7.3 980</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-0 1 pcs per circuit for connecting the LED fixture to power supply or dimmer driver.</p>   <p>8.1 25.8 5000±20 16.5 1.5/5.5 7.0 17</p>																													

Installing the product

For straight installation



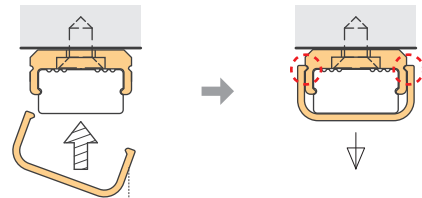
For upward installation



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

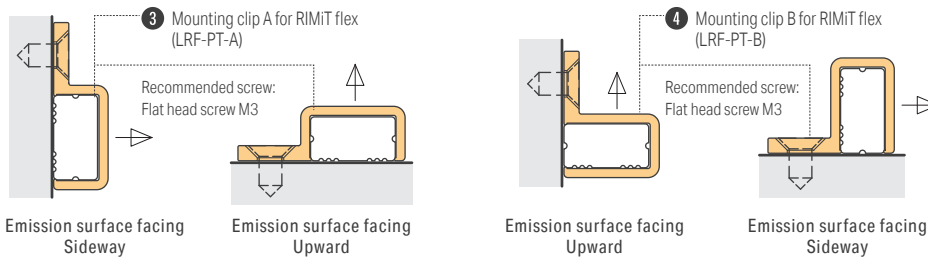


5 Rail cover for RIMiT flex (LRF-C1000)

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.

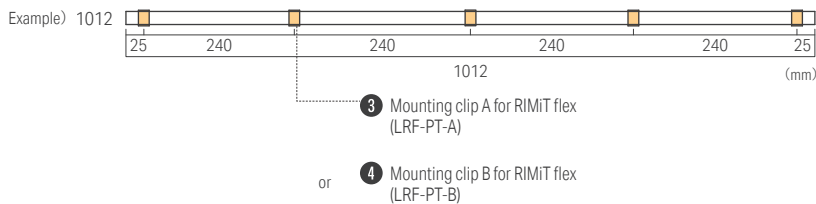
For straight and curved installation

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.

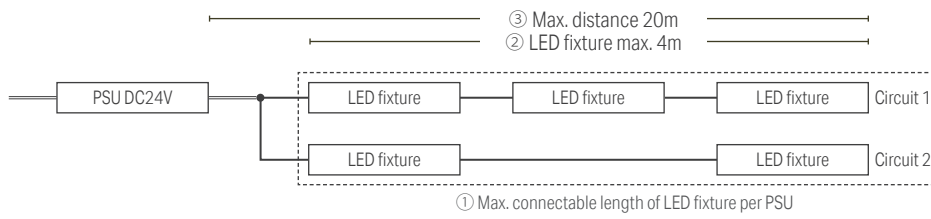
Recommended position of Mounting clip A, Mounting clip B



Recommended minimum 5 pcs per 1 meter

Luci RIMiT® flex IP65

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



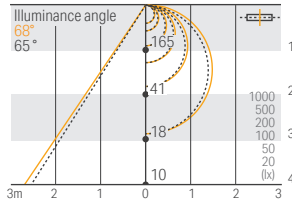
**LRF
RIMiT flex**

Color temperature

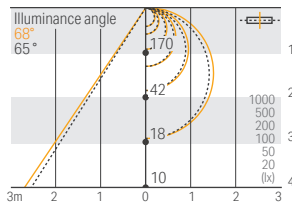
5000K 4000K 3500K 3000K 2700K 2400K

Direct horizontal surface light intensity distribution chart

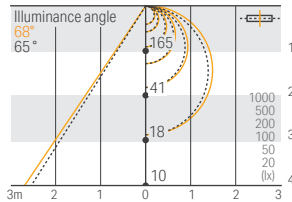
LRF-T1000 □ -N-DF-□-9
 Light source color 5000K
 Brightness 165 cd
 Luminous flux 620 lm
 Color rendering index Ra 96



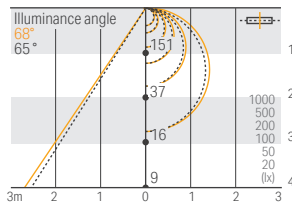
LRF-T1000 □ -D-DF-□-9
 Light source color 4000K
 Brightness 170 cd
 Luminous flux 642 lm
 Color rendering index Ra 91



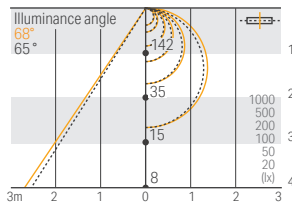
LRF-T1000 □ -WW-DF-□-9
 Light source color 3500K
 Brightness 165 cd
 Luminous flux 624 lm
 Color rendering index Ra 90



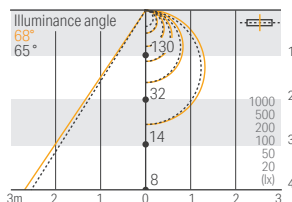
LRF-T1000 □ -L30-DF-□-9
 Light source color 3000K
 Brightness 151 cd
 Luminous flux 566 lm
 Color rendering index Ra 91



LRF-T1000 □ -L27-DF-□-9
 Light source color 2700K
 Brightness 142 cd
 Luminous flux 535 lm
 Color rendering index Ra 91

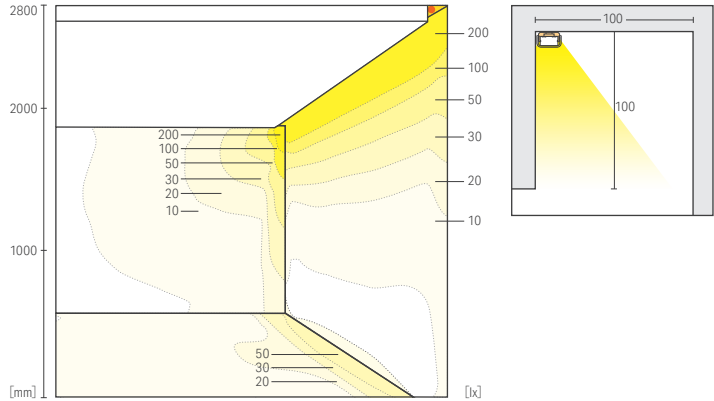


LRF-T1000 □ -L24-DF-□-9
 Light source color 2400K
 Brightness 130 cd
 Luminous flux 491 lm
 Color rendering index Ra 89

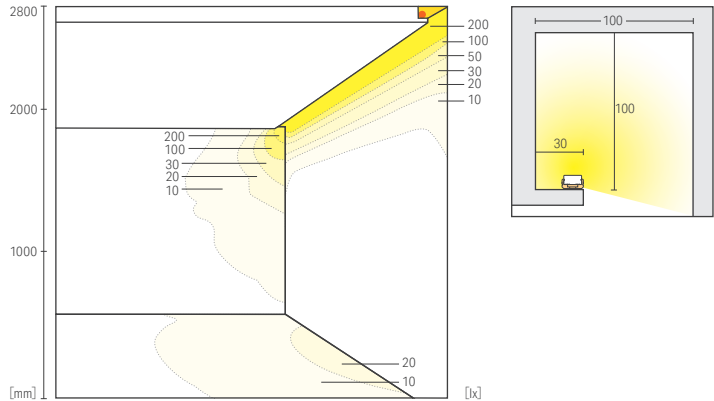


Recommend dimensions and illumination distributions

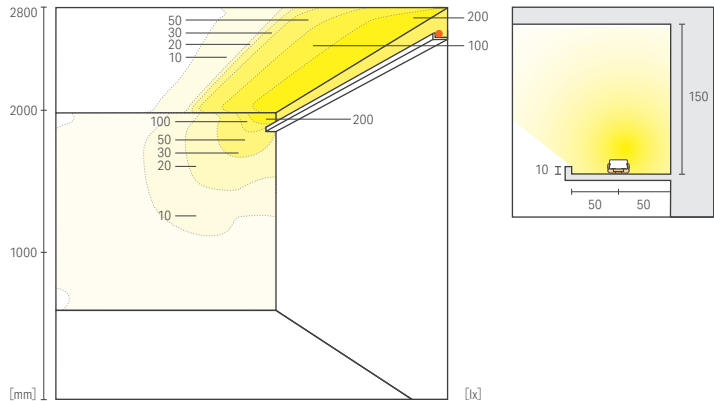
Cornice lighting-1 CH=2800



Cornice lighting-2 CH=2800



Cove lighting CH=2800





RIMIT flex

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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

