

Project Name

Qty

Catalog / Part Number



LRFTH-O | Luci RIMiT flex THOF IP65

Color management **MacAdam 3 step** **Flexible**

Model No. (Open end)

LRFTH - T□□□□ □ - NL24 - DF - O - 12

Product name	Length	Lead Wire	Light source color	Cover type	Environment	Wattage
Refer to "Custom order length"		W Both ends lead wire S One end lead wire	N Natural white 5000K L24 Warm white 2400K 2400K	DF Diffuser	O IP65	12 12W

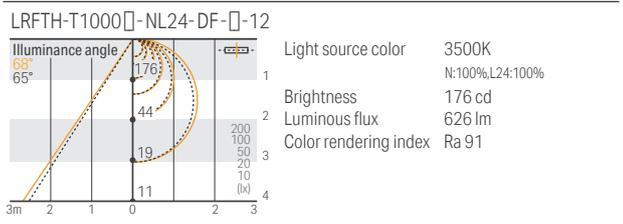
Specification

Wattage	12 W/m
Length	37 mm - 4015 mm
Weight	67 g / 1012 mm
Luminaire efficacy (2400K)	52.2 lm/W
Light source color	Delivered CCT
NL24 5000K - 2400K	4200K - 2300K
N 5000K 100% Ra 91	4200K 354 lm
WW 5000K,2400K 100% Ra 91	3100K 626 lm
L24 2400K 100% Ra 89	2300K 270 lm

General Specification

Input voltage	DC24V
Environment	In/Outdoor (No Condensation) IP65
Ambient temperature	0°C to +35°C (no condensation)
Max. length per circuit	4m
Min. bending range	R75mm
Material (body)	Silicone
Attachment	-
Accessories	Mounting rail Mounting clip Rail cover Clip for cable Power supply cable Magnet set
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

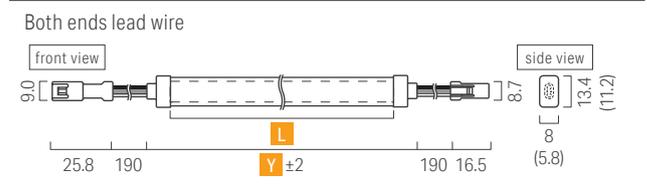
Light Intensity



Custom order length

0025	0525	1025	1525	2025	2525	3025	3525
0050	0550	1050	1550	2050	2550	3050	3550
0075	0575	1075	1575	2075	2575	3075	3575
0100	0600	1100	1600	2100	2600	3100	3600
0125	0625	1125	1625	2125	2625	3125	3625
0150	0650	1150	1650	2150	2650	3150	3650
0175	0675	1175	1675	2175	2675	3175	3675
0200	0700	1200	1700	2200	2700	3200	3700
0225	0725	1225	1725	2225	2725	3225	3725
0250	0750	1250	1750	2250	2750	3250	3750
0275	0775	1275	1775	2275	2775	3275	3775
0300	0800	1300	1800	2300	2800	3300	3800
0325	0825	1325	1825	2325	2825	3325	3825
0350	0850	1350	1850	2350	2850	3350	3850
0375	0875	1375	1875	2375	2875	3375	3875
0400	0900	1400	1900	2400	2900	3400	3900
0425	0925	1425	1925	2425	2925	3425	3925
0450	0950	1450	1950	2450	2950	3450	3950
0475	0975	1475	1975	2475	2975	3475	3975
0500	1000	1500	2000	2500	3000	3500	4000

External dimension



Light distribution



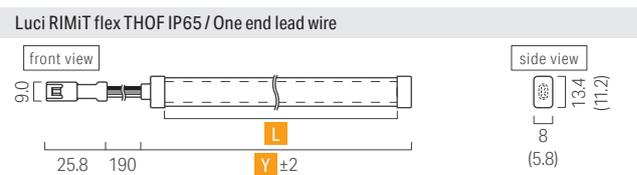
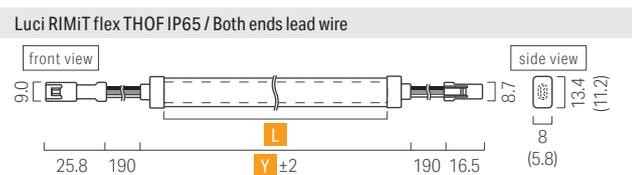
Custom order length

Length	length (mm) L	Fitting length (mm) Y		Wattage (W)
		Both ends	One end	
0025	25	47	43	0.3
0050	50	72	68	0.6
0075	75	97	93	0.9
0100	100	122	118	1.2
0125	125	147	143	1.5
0150	150	172	168	1.8
0175	175	197	193	2.1
0200	200	222	218	2.4
0225	225	247	243	2.7
0250	250	272	268	3.0
0275	275	297	293	3.3
0300	300	322	318	3.6
0325	325	347	343	3.9
0350	350	372	368	4.2
0375	375	397	393	4.5
0400	400	422	418	4.8
0425	425	447	443	5.1
0450	450	472	468	5.4
0475	475	497	493	5.7
0500	500	522	518	6.0
0525	525	547	543	6.3
0550	550	572	568	6.6
0575	575	597	593	6.9
0600	600	622	618	7.2
0625	625	647	643	7.5
0650	650	672	668	7.8
0675	675	697	693	8.1
0700	700	722	718	8.4
0725	725	747	743	8.7
0750	750	772	768	9.0
0775	775	797	793	9.3
0800	800	822	818	9.6
0825	825	847	843	9.9
0850	850	872	868	10.2
0875	875	897	893	10.5
0900	900	922	918	10.8
0925	925	947	943	11.1
0950	950	972	968	11.4
0975	975	997	993	11.7
1000	1000	1022	1018	12.0
1025	1025	1048	1044	12.3
1050	1050	1073	1069	12.6
1075	1075	1098	1094	12.9
1100	1100	1123	1119	13.2
1125	1125	1148	1144	13.5
1150	1150	1173	1169	13.8
1175	1175	1198	1194	14.1
1200	1200	1223	1219	14.4
1225	1225	1248	1244	14.7
1250	1250	1273	1269	15.0
1275	1275	1298	1294	15.3
1300	1300	1323	1319	15.6
1325	1325	1348	1344	15.9
1350	1350	1373	1369	16.2
1375	1375	1398	1394	16.5

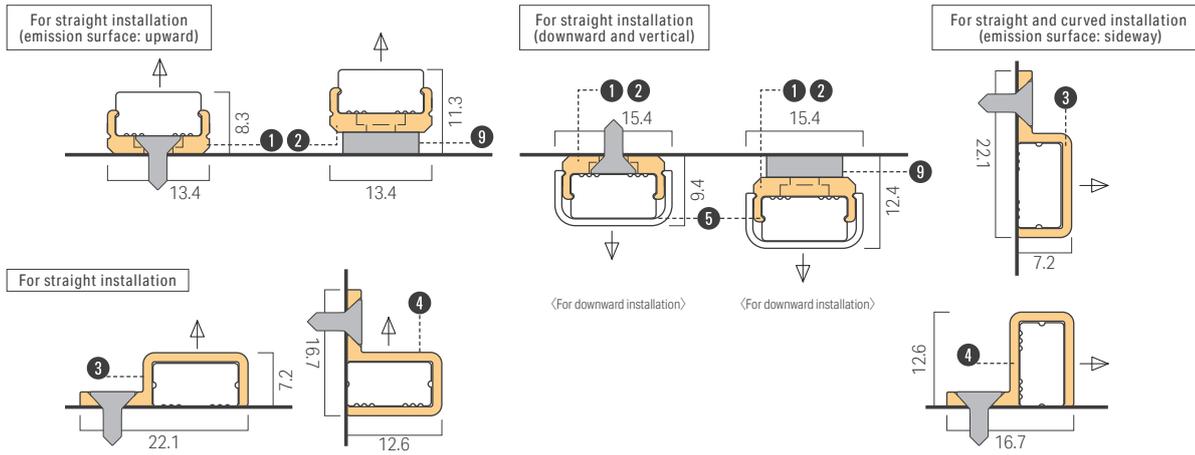
Length	length (mm) L	Fitting length (mm) Y		Wattage (W)
		Both ends	One end	
1400	1400	1423	1419	16.8
1425	1425	1448	1444	17.1
1450	1450	1473	1469	17.4
1475	1475	1498	1494	17.7
1500	1500	1523	1519	18.0
1525	1525	1548	1544	18.3
1550	1550	1573	1569	18.6
1575	1575	1598	1594	18.9
1600	1600	1623	1619	19.2
1625	1625	1648	1644	19.5
1650	1650	1673	1669	19.8
1675	1675	1698	1694	20.1
1700	1700	1723	1719	20.4
1725	1725	1748	1744	20.7
1750	1750	1773	1769	21.0
1775	1775	1798	1794	21.3
1800	1800	1823	1819	21.6
1825	1825	1848	1844	21.9
1850	1850	1873	1869	22.2
1875	1875	1898	1894	22.5
1900	1900	1923	1919	22.8
1925	1925	1948	1944	23.1
1950	1950	1973	1969	23.4
1975	1975	1998	1994	23.7
2000	2000	2023	2019	24.0
2025	2025	2048	2044	24.3
2050	2050	2073	2069	24.6
2075	2075	2098	2094	24.9
2100	2100	2123	2119	25.2
2125	2125	2148	2144	25.5
2150	2150	2173	2169	25.8
2175	2175	2198	2194	26.1
2200	2200	2223	2219	26.4
2225	2225	2248	2244	26.7
2250	2250	2273	2269	27.0
2275	2275	2298	2294	27.3
2300	2300	2323	2319	27.6
2325	2325	2348	2344	27.9
2350	2350	2373	2369	28.2
2375	2375	2398	2394	28.5
2400	2400	2423	2419	28.8
2425	2425	2448	2444	29.1
2450	2450	2473	2469	29.4
2475	2475	2498	2494	29.7
2500	2500	2523	2519	30.0
2525	2525	2548	2544	30.3
2550	2550	2573	2569	30.6
2575	2575	2598	2594	30.9
2600	2600	2623	2619	31.2
2625	2625	2648	2644	31.5
2650	2650	2673	2669	31.8
2675	2675	2698	2694	32.1
2700	2700	2723	2719	32.4
2725	2725	2748	2744	32.7
2750	2750	2773	2769	33.0

Length	length (mm) L	Fitting length (mm) Y		Wattage (W)
		Both ends	One end	
2775	2775	2799	2795	33.3
2800	2800	2824	2820	33.6
2825	2825	2849	2845	33.9
2850	2850	2874	2870	34.2
2875	2875	2899	2895	34.5
2900	2900	2924	2920	34.8
2925	2925	2949	2945	35.1
2950	2950	2974	2970	35.4
2975	2975	2999	2995	35.7
3000	3000	3024	3020	36.0
3025	3025	3050	3046	36.3
3050	3050	3075	3071	36.6
3075	3075	3100	3096	36.9
3100	3100	3125	3121	37.2
3125	3125	3150	3146	37.5
3150	3150	3175	3171	37.8
3175	3175	3200	3196	38.1
3200	3200	3225	3221	38.4
3225	3225	3250	3246	38.7
3250	3250	3275	3271	39.0
3275	3275	3300	3296	39.3
3300	3300	3325	3321	39.6
3325	3325	3350	3346	39.9
3350	3350	3375	3371	40.2
3375	3375	3400	3396	40.5
3400	3400	3425	3421	40.8
3425	3425	3450	3446	41.1
3450	3450	3475	3471	41.4
3475	3475	3500	3496	41.7
3500	3500	3525	3521	42.0
3525	3525	3550	3546	42.3
3550	3550	3575	3571	42.6
3575	3575	3600	3596	42.9
3600	3600	3625	3621	43.2
3625	3625	3650	3646	43.5
3650	3650	3675	3671	43.8
3675	3675	3700	3696	44.1
3700	3700	3725	3721	44.4
3725	3725	3750	3746	44.7
3750	3750	3775	3771	45.0
3775	3775	3800	3796	45.3
3800	3800	3825	3821	45.6
3825	3825	3850	3846	45.9
3850	3850	3875	3871	46.2
3875	3875	3900	3896	46.5
3900	3900	3925	3921	46.8
3925	3925	3950	3946	47.1
3950	3950	3975	3971	47.4
3975	3975	4000	3996	47.7
4000	4000	4025	4021	48.0

External dimensions



Cross sectional view with accessories



Accessories

1 Mounting rail 1000 for RIMiT flex
 Model No : LRF-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
 Model No : LRF-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
 Model No : LRF-PT-A
 5pcs/1bag
 For straight and curved installation
 Magnet installation not supported

4 Mounting clip B for RIMiT flex
 Model No : LRF-PT-B
 5pcs/1bag
 For straight and curved installation
 Magnet installation not supported

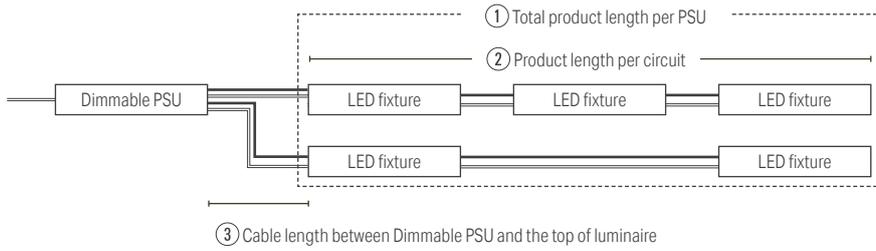
5 Rail cover for RIMiT flex
 Model No : LRF-C1000
 Fixing the luminaire to the mounting rail
 Corresponding rail: **1** Mounting rail, **2** Aluminium mounting rail

6 Clip J for Lead Wire
 Model No : LRM-PT-J
 5pcs/1bag
 For securing the joining of two cables

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.

8 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

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 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.

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)						
LRFTH-T**-NL24-DF-I-12	12	4	10*	6*	11.6*	7.0*	5.2*	3.5	2.3

Model No.	Wattage (W/m)	Cross section	
		Wiregauge	0.75 sq
		1.25 sq	
		AWG 16	
Model No.	Wattage (W/m)	② Max. length per circuit (m)	③ Max. cable length between PSU and the top of luminaire at ② Max. length per circuit (m)
LRFTH-T**-NL24-DF-I-12	12 W/m	4	25