



Outdoor Strip Light

LFXF

Luci FLEX α F IP65

Color management
CIE



3 years
warranty

- Low-powered LED strip with bending sideways
- Side view LED package
- Renewed to DC24V
- Small bending radius (Min. R 50mm)
- Narrow LED pitch suitable for limited space installation (10mm pitch)
- Small section W4mm * H10mm
- Customized length available up to 5m per roll



	Product Series	Series code	Wattage/m	Lumen/m	CRI	Custom order	
						Max. length	Diffser Tube
Top bend 	Luci Power FLEX EX IP65 LFPEX	LFPEX15	18.2 W/m	1496 lm/m	Ra 93		
		LFPEX20	12.1 W/m	1016 lm/m	Ra 92		
		LFPEX30(9.5W)	9.5 W/m	695 lm/m	Ra 91	○	2m
		LFPEX30(6.5W)	6.5 W/m	516 lm/m	Ra 93		
		LFPEX30(4.5W)	4.5 W/m	371 lm/m	Ra 93		
	Luci Power FLEX IP65 LFP	LFP15	15.4 W/m	790 lm/m	Ra 90	○	4.5m
		LFP20	10.5 W/m	563 lm/m			5m
	Luci Flat FLEX IP65 LFTF	LFTF10	3.9 W/m	282 lm/m	Ra 87	○	5m
		LFTF16	2.5 W/m	176 lm/m			
	Luci FLEX α IP65 LFXF	LFXF10	3.9 W/m	252 lm/m	Ra 71	○	5m

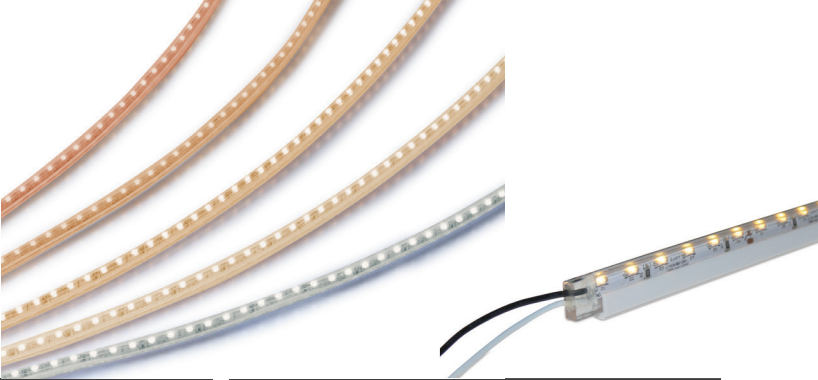


LFXF
Luci FLEX α F IP65

Color management
CIE

CE

3 years
warranty



Model No.

LFXF10

-

1000

-

*

-

CL

-

O

Product Name / LED pitch

-

Length

-

Light source color

-

Tube type

-

Environment

LFXF10 : 10mm pitch

1000

D : Daylight white
W : White
WW: Warm white 3500K
L30 : Warm white 3000K
L27 : Warm white 2700K
L24 : Warm white 2400K

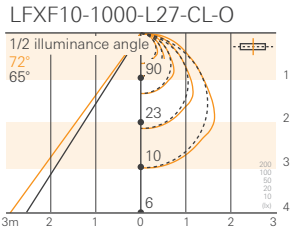
CL : Clear

O : Outdoors

Luci FLEX α F IP65

Custom order length > P.203

Light Intensity

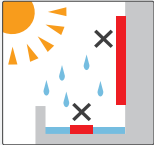


Specification			
LED pitch	10mm pitch		
Model No.	LFXF10-1000-*-CL-O		
Power consumption	3.9W/m		
Fitting length(L)	1030mm		
Weight	40g		
Cuttable unit	N/A		
Luminaire efficacy(2700K)	64.6 lm/W		
Light source color	○ = Device inventory * = Equivalent * = Please contact us since it is made-to-order products and has MOQ.		
D 7100K Ra 74	* 311 lm*		
N 5300K	-		
W 4200K Ra 70	○ 330 lm*		
WW 3500K Ra 75	* 281 lm*		
L30 3000K Ra 70	○ 302 lm*		
L27 2700K Ra 71	○ 252 lm		
L24 2400K Ra 65	* 245 lm*		
L19 1900K	-		

Specification may be subject to change without announcement.
The optical data provided on the each product pages are for reference only;
the data values are not guaranteed. Please use as reference materials for your planning.

Prohibited installation places:

- water directly fall on or pooled
- the sunlight directly shines on
- liquids including choline or chemicals fall on
- high temperature and high humidity such as saunas
- coastal areas which are affected by sea spray

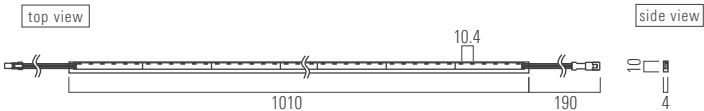


Caution:

Do not cut the LED fixture and the lead wire
of outdoor product at a job site.
Please do appropriate treatment for the lead wire
and connector of the terminal of outdoor LED fixture.

General Specification	
Input voltage	DC24V
LED beam angle	120°
Environment	In & Outdoors (no condensation) IP65
Max. length per circuit	5m
Min. bending range	R50mm
Material (body)	Soft acrylic
Attachments	—
Option parts	① Mounting rail ② Mounting parts ③ Mounting clip ④ Outdoor cable
Certification	CE
Dimmable	○
Power Supplies	Required

External dimensions



Max. connectable length per power supply	
Length of LED fixture (70% loading factor) *: split into multiple circuits	Power supply
~9m*	50W power supply
~18m*	100W power supply
~27m*	150W power supply

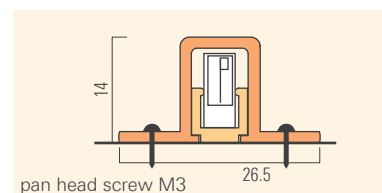
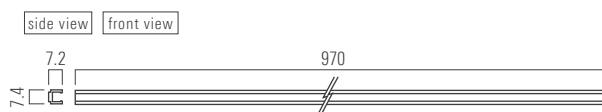
Optional parts

for straight

1 Mounting rail 1000 for FLEX α **Option Parts**

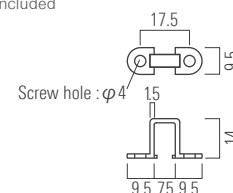
Model No : LFX-RL1000

For straight installation.



Attachment

Mounting clip for rail
Model No : LFX-RC
10 pcs / 1 bag is included

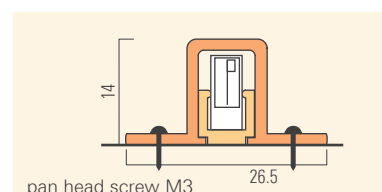
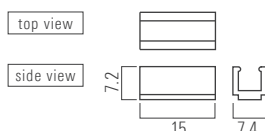


for curved

2 Mounting parts for FLEX α Option Parts

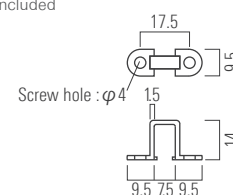
Model No : LFX-RL0015
10 pcs/1 bag

For curved installation,



Attachment

Mounting clip for rail
Model No : LFX-RC
10 pcs / 1 bag is included

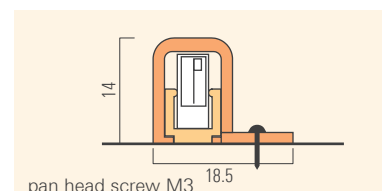
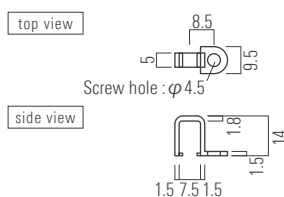


for curved

3 Mounting clip B for FLEX a Option Parts New

Model No : LFX-RC-B
10 pcs/1 bag

For curved installation with smaller space



4 Outdoor cable 3M TR connector for FLEX **Option Parts**

Model No : CAD-3000-MEFE-O



Installing the product

Straight installation

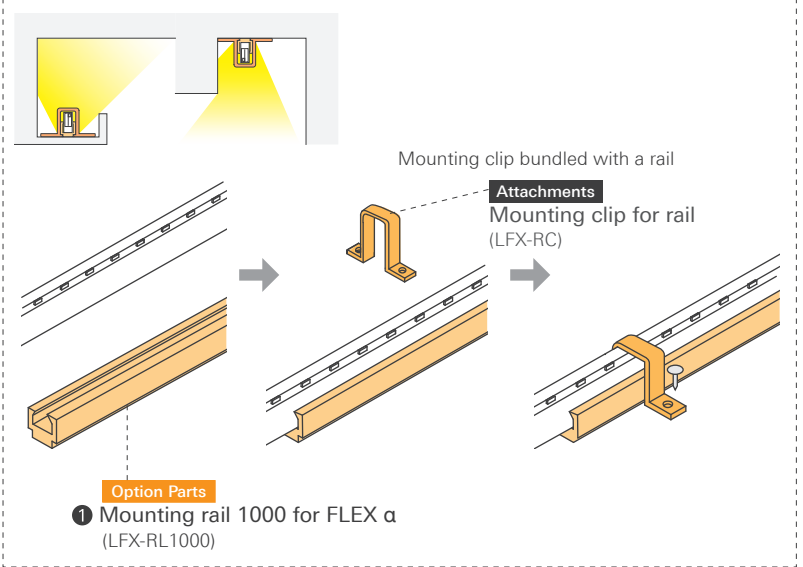
Screw fixing

Install the LED fixture on the mounting rail and fix it on the installation spot.
Fasten mounting clips for rail by screw supplied by installer to ensure the straight and flat installation.
(Pan head screws M3 recommended.) This method is also recommended when installing the LED fixture to the ceiling.

Bonding

Install the mounting rail with acrylic compatible adhesive where screws cannot be fastened.

Cove lighting / Cornice lighting



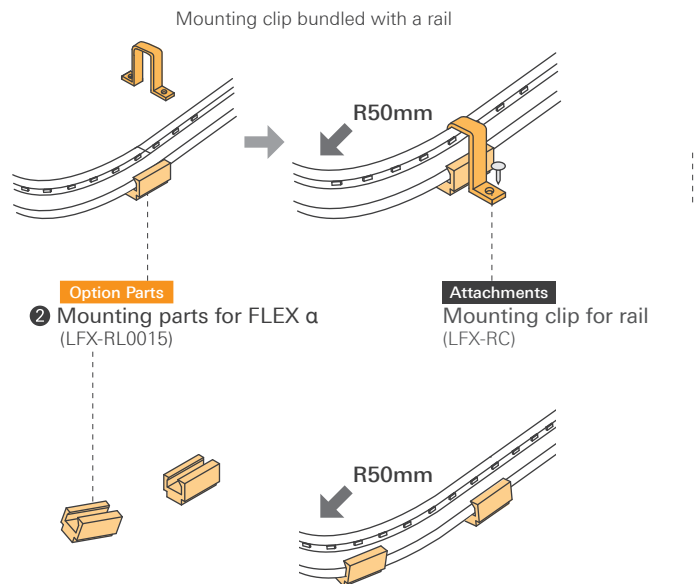
Curved installation

Screw fixing

Install the LED fixture on the mounting rail and fix it on the installation spot.
Fasten mounting clips for rail by screw supplied by installer to ensure the flat installation.
(Pan head screws M3 recommended.)

Bonding

Install the mounting clips with acrylic compatible adhesive where screws cannot be fastened.



Connecting to the power supply

■ Cables used for connecting LED fixtures and Power supply must be a suitable type and gauge.

■ Cables should be joined with suitable terminal block or methods as appropriate to the installation and operating environment.

Caution: When using a long cable with thin dimension, the resistance of cable will increase. Voltage drop and heat dispatching may occur and result in brightness decreasing.

Caution: When separating one cable to multiple circuits in the same gauge, the current loading focuses on the junction of the branch circuit and high temperature will liberate on there. Please consider the loading of the power supply (quantity of LED fixture) and review the wiring system to avoid the above problem.

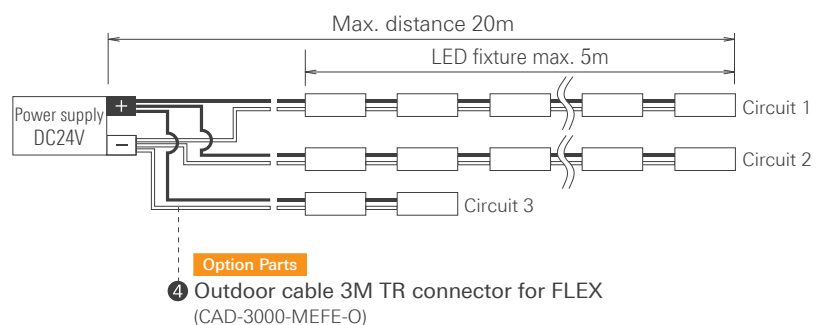
■ When connecting the dimmer driver with power supply, unpredicted noise might occur. It is a characteristic of electronic devices, not a malfunction of the LED fixture. Please choose an appropriate power supply and consider a place to install. Reducing the loading factor of LED fixture might improve the noise from the power supply while the noise for the LED fixtures might be improved by splitting the circuit of LED fixtures into multiple.

System configuration diagram

■ Max. connectable length depends on the wattage of the power supply.

■ Max. length per circuit of Luci FLEX α F is 5m.
If it exceeds 5m, please split into multiple circuits.

■ Max. distance from the power supply to the end of LED fixture is 20m.



Luci FLEX α F IP65 -Custom order-

Model No.

LFXF10-T Length Lead Wire - Light source color - Tube - **O**

Length

Refer to "Custom order products size"

Lead Wire

One end lead wire → **S**

Both ends lead wire → **W**

Light source color

Daylight White 7100K → **D** *

White 4200K → **W** *

Warm white 3500K 3500K → **WW** *

Warm white 3000K 3000K → **L30**

Warm white 2700K 2700K → **L27**

Warm white 2400K 2400K → **L24** *

* = Please contact us since it is made-to-order products and has MOQ.

Tube

Clear → **CL**

Diffuser → **DF**

Note:

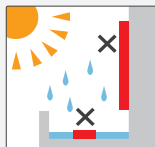
- Brightness and color temperature of diffuser tube type are different from clear tube type. In addition, non-uniform color among each LED package may be more pronounced when using diffuser tube.

Custom order products size

Luci FLEX α F IP65 10mm pitch (3.9 W/m)				
Corresponds to Length of Model No. and External dimensions				
0063	1063	2063	3063	4063
0125	1125	2125	3125	4125
0188	1188	2188	3188	4188
0250	1250	2250	3250	4250
0313	1313	2313	3313	4313
0375	1375	2375	3375	4375
0438	1438	2438	3438	4438
0500	1500	2500	3500	4500
0563	1563	2563	3563	4563
0625	1625	2625	3625	4625
0688	1688	2688	3688	4688
0750	1750	2750	3750	4750
0813	1813	2813	3813	4813
0875	1875	2875	3875	4875
0938	1938	2938	3938	4938
1000	2000	3000	4000	5000

Prohibited installation places:

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- the sunlight directly shines on
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- coastal areas which are affected by sea spray

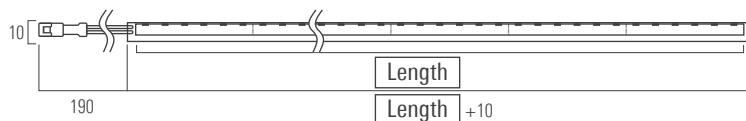


Caution:

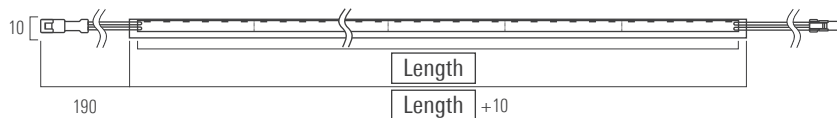
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External dimensions

Luci FLEX α F Indoor / one end lead wire



Luci FLEX α F Indoor / both ends lead wire



Refer to

Direct horizontal surface light intensity distribution chart > P.141

Recommended dimensions and illumination distributions > P.141

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