

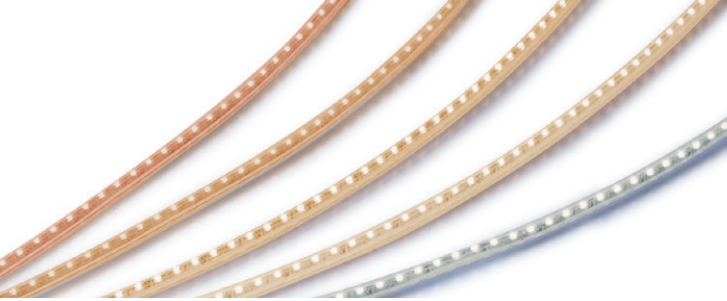
LFXF-I



Grissini - Grand Copthorne Waterfront Singapore
Location: Singapore
Lighting design: Light Cibles
Photo: Alistair Chia



Mr. & Mrs. FOX
Location: Hong Kong
Client: Swire Restaurants
Lighting design: SPECTRUM DESIGN & ASSOCIATES(ASIA)



Luci FLEX α F Indoor

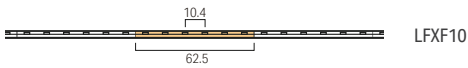
Side bend flexible strip with clear or diffused soft acrylic tube
 Only 4mm thickness with side view LED package,
 suitable for limited space installation
 Cutable every 6 LEDs (62.5 mm) and customized length available
 up to 5m per roll

Indoor
 Strip Light

Specifications

Dimensions

LED pitch and cuttable unit length (mm)



Cross section W 10 x H 4 mm
Standard length 1m with both ends open end wire
Custom order up to 5m lengths at every unit length with both ends or one end feed cable
 Cutable luminaire at site at scissor mark. If a luminaire with a both side feed cable is cut, the left and right sides of the luminaire can be used separately, as if the luminaire were one side feed.

Electrical & Output

Model	LFXF10
Power Consumption (W/m)	4.2
Luminous flux @ 3000K (lm/m)	292

Color temperature

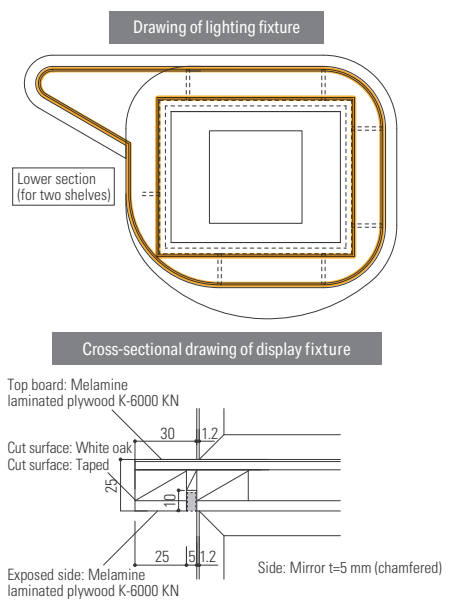


Min Bending radius

R 50mm in side (horizontal) bend direction



TIPS: Shelf with curved slit



Project reference



LFXF
 UQ FLEX / UQ FLEX α
 Power FLEX EX
 Power FLEX EX
 Power FLEX EX
 Power FLEX EX
 Flat FLEX F
 Power FLEX α
 FLEX α F

Luci FLEX α F Indoor

LFXF

Color management
ANSI BIN




3 years warranty

- Side bend flexible strip with 4 × 10 mm cross-section
- Cuttable every 6 LEDs (62.5mm)
- Accessory for straight/curved installation

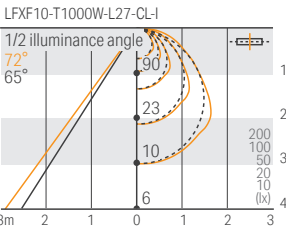


Model No.

LFXF - **T** - - - - |

Product Name / LED pitch	Length / Lead wire	Light source color	Tube type	Environment
LFXF10	Custom order length P.93	D : Daylight white W : White WW : Warm white 3500K L30 : Warm white 3000K L27 : Warm white 2700K L24 : Warm white 2400K	CL : Clear DF : Diffuser	I : Indoor
	W : Both ends S : One ends			

Light Intensity Refer to P.94



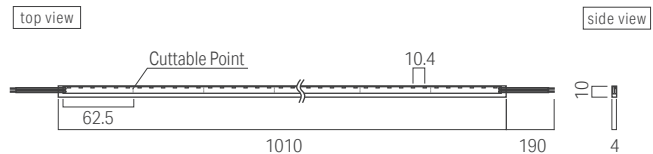
Specification @ Clear cover

LED pitch	10mm pitch	
Model No.	LFXF10-T1000W- <input type="checkbox"/> -CL-I	
Wattage	4.2W/m	
Fitting length(L)	1010mm	
Weight	40g	
Cutttable unit	62.5mm (6 LED)	
Luminaire efficacy(2700K)	66.3 lm/W	
Light source color	○ = Device inventory * = Equivalent * = Please contact us since it is made-to-order products and has MOQ.	
D	7100K Ra74	* 329lm*
N	5300K	-
W	4200K Ra70	○ 317lm*
WW	3500K Ra75	○ 298lm*
L30	3000K Ra70	○ 292lm*
L27	2700K Ra71	○ 278lm*
L24	2400K Ra65	* 251lm*
L19	1900K	-

General Specification

Input voltage	DC24V
LED beam angle	120°
Environment	Indoors (no condensation)
Max. length per circuit	5m
Min. bending range	R50mm
Material (body)	Soft acrylic
Attachments	⑤ End cap 2pcs
Accessories	① Mounting rail ② Mounting parts ③ ④ Mounting clip ⑤ End cap
Certification	CE, BIS
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM)
Power Supplies	Required

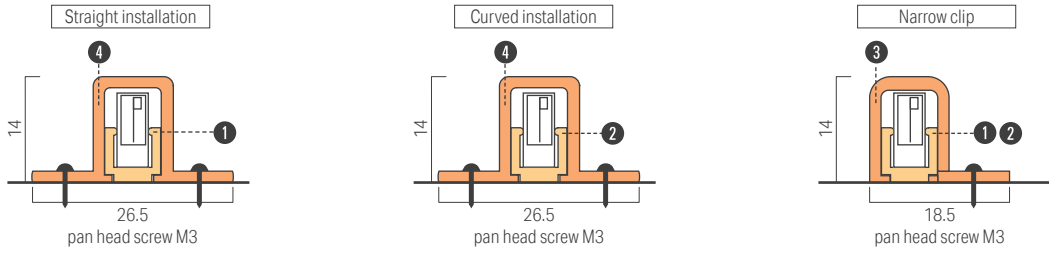
External dimensions



Max. connectable length per power supply

Length of LED fixture (70% loading factor) *: split into multiple circuits	Power supply
~8.3m*	50W power supply
~16.7m*	100W power supply
~25.1m*	150W power supply

Cross sectional view when installing optional items



Option parts

1 Mounting rail 1000 for FLEX α
 Model No : LFX-RL1000
 Mounting clip for FLEX α rail (10 pcs / bag) is included.

2 Mounting parts for FLEX α
 Model No : LFX-RL0015
 10 pcs / bag
 Mounting clip for FLEX α rail (10 pcs / bag) is included.
 For curved installation

3 Mounting clip B for FLEX α
 Model No : LFX-RC-B
 10 pcs / bag
 Narrower clip used with rail 1 or parts 2

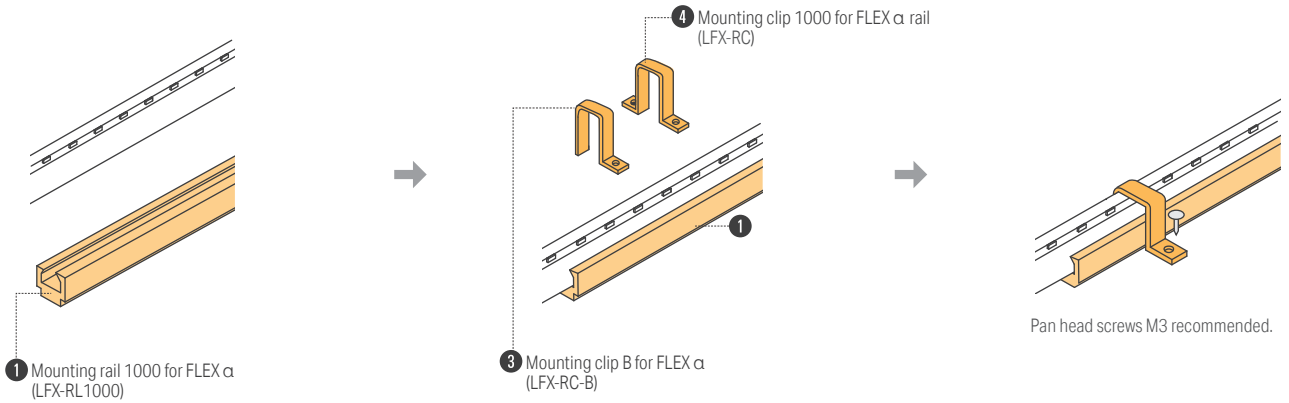
4 Mounting clip 1000 for FLEX α rail **Attachments for 1 & 2**
 Model No : LFX-RC
 for extra order, 10 pcs / bag

5 End cap for α Flat
 Model No : LFX-EC
 Attached with LED fixture on request
 2 pcs / bag per LED fixture
 For sealing the open end of LED fixture after cutting.
 Sealing glue is required to supply by installer.
 Acrylic glue is recommended.
 For extra order, 10 pcs / bag
 Adhesive for sealing poured into the body

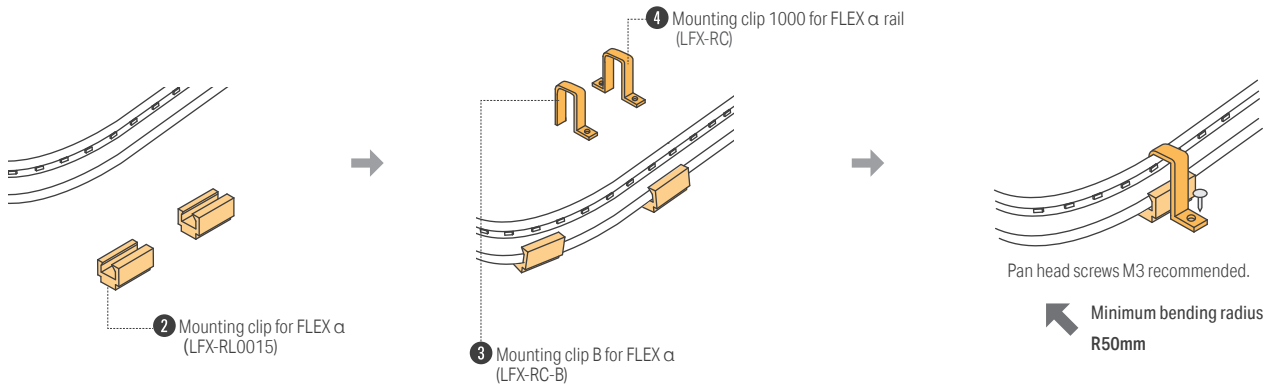
Luci FLEX α F Indoor

Installing the product

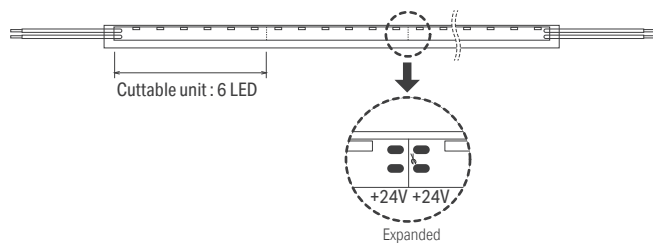
Straight installation



Curved installation



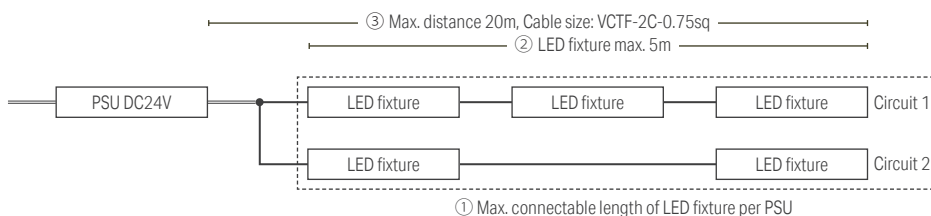
Cutting of lamp fitting



The cuttable unit of Luci FLEX α F is 6 LEDs.

Cutting the LED fixture at the wrong point may cause failure or a non-lit. End caps are required to seal the open end of the LED fixture after cutting. Acrylic adhesive is recommended. Do not solder cables to the circuit board of the cut LED fixture.

System configuration diagram



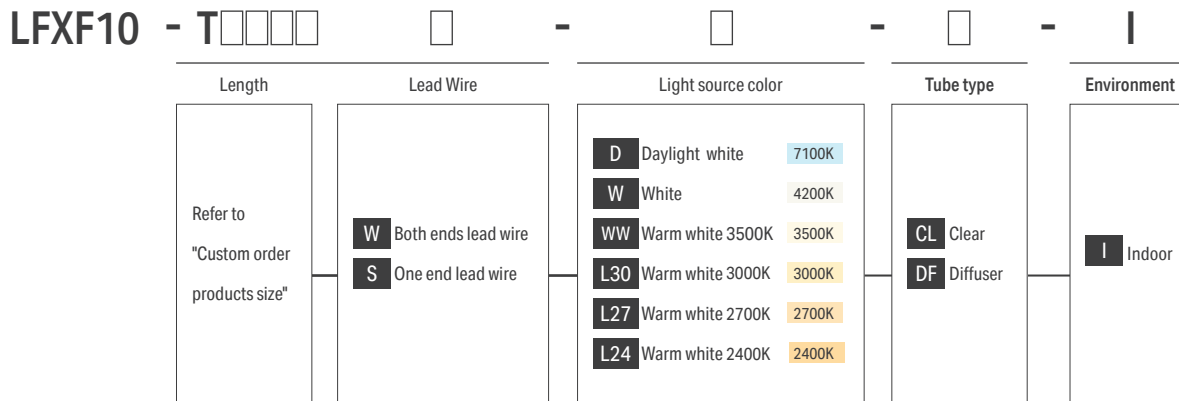
① Max. connectable total length of LED fixture per power supply depends on capacity of power supply. Recommended loading factor: 70% (without dimming) or 60% (with dimming)

② If connectable length of LED fixture per circuit exceeds the maximum, please split into multiple circuit.

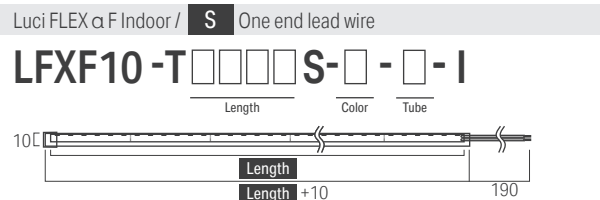
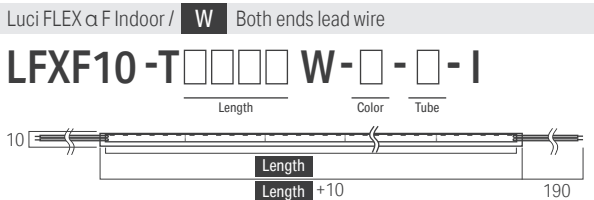
③ To avoid voltage drop, please consider the max. distance from power supply to the end of LED fixture. (i.e. total cable length plus LED fixture length)

Luci FLEX α F Indoor -Custom order-

Model No.



External dimension



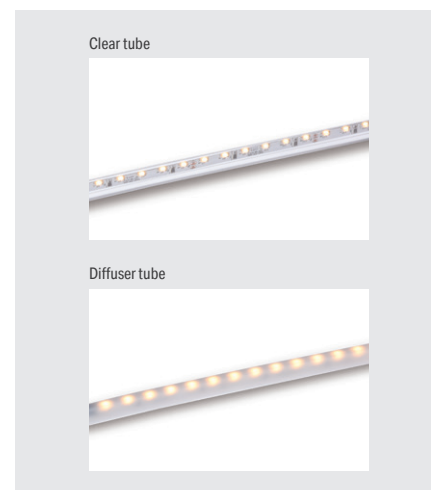
Custom order products size

Luci FLEX α F 10mm pitch (4.2 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

Color temperature of diffuser tube type

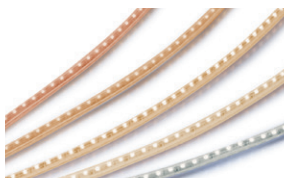
Nominal light source color temperature(clear tube)	Color temperature through diffuser tube *1	
D	7100 K	5600 K
W	4200 K	3800 K
WW	3500 K	3300 K
L30	3000 K	2900 K
L27	2700 K	2500 K
L24	2400 K	2200 K

*1:
The optical data provided above is for reference only. Due to the tolerances of the production process, values for color temperature can vary ±10%. The lumen output value of the diffuser tube type is 20~30% less than the clear tube type.



Luci FLEX α F Indoor

Illuminance data



LFXF10 Luci FLEX α F 10mm pitch

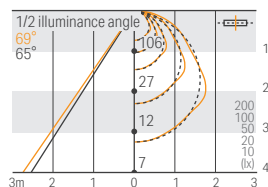
Color temperature

7100K 4200K 3500K 3000K 2700K 2400K

Direct horizontal surface light intensity distribution chart

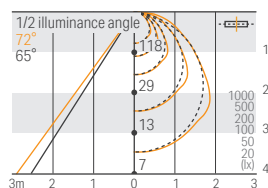
LFXF10-T1000W-D-CL-I

Light source color 7100K
Brightness 106 cd
Luminous flux 329 lm
Color rendering index Ra 74



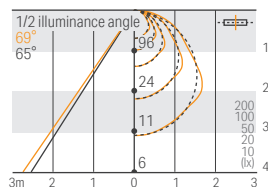
LFXF10-T1000W-W-CL-I

Light source color 4200K
Brightness 118 cd
Luminous flux 317 lm
Color rendering index Ra 70



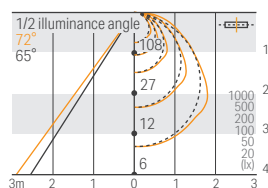
LFXF10-T1000W-WW-CL-I

Light source color 3500K
Brightness 96 cd
Luminous flux 298 lm
Color rendering index Ra 75



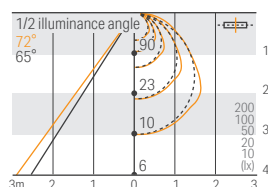
LFXF10-T1000W-L30-CL-I

Light source color 3000K
Brightness 108 cd
Luminous flux 292 lm
Color rendering index Ra 70



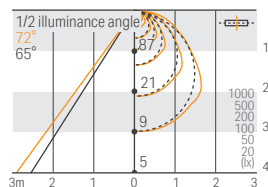
LFXF10-T1000W-L27-CL-I

Light source color 2700K
Brightness 90 cd
Luminous flux 278 lm
Color rendering index Ra 71



LFXF10-T1000W-L24-CL-I

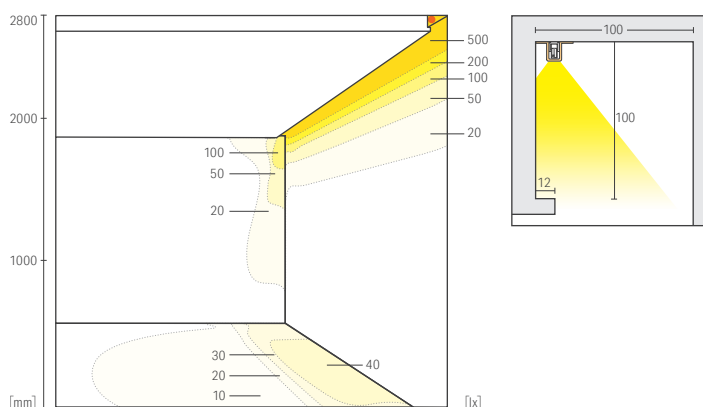
Light source color 2400K
Brightness 87 cd
Luminous flux 251 lm
Color rendering index Ra 65



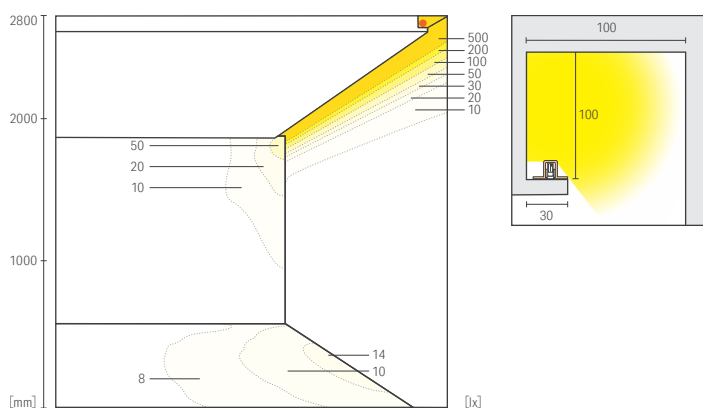
Recommend dimensions and illumination distributions

@2700K

Cornice lighting-1 CH=2800



Cornice lighting-2 CH=2800



Cove lighting CH=2800

