LFXF-O



Location: Singapore Photo: Robert Such



The Prince Gallery Tokyo Kioicho Location: Japan Architect Office: Nikken Sekkei Ltd Interior Design: Rockwell Group, Europe

Lighting Design: Lighting Planners Associates
Construction: KAJIMA CORPORATION / TEKKEN CORPORATION / Kumagai Gumi Co.,Ltd. Consortium
Photo: TOSHIO KANEKO



Luci FLEX a F IP65

Side bend flexible strip with clear or diffused soft acrylic tube
Only 4mm thickness with side view LED package,
suitable for limited space installation
Customized length available up to 5m per roll

Specifications

Dimensions

LED pitch and unit length (mm)



Cross section W 10 x H 4 mm

Standard length 1m with both ends IP67 connector

Custom order up to 5m length at every unit length with both ends or one end feed cable with

IP67 connector

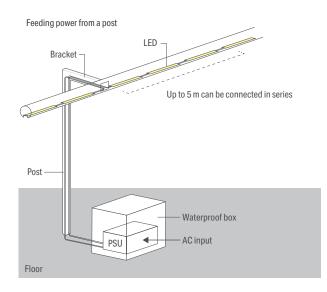
Do not allow to cut the LED fixture and cable at site.

Electrical & Output

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

TIPS: Handrail

With the cross section of 4 x 10 mm, it is ideal for handrail lighting. The luminaires can be connected in series for up to 5 m. For installation through cables in posts or walls, the cable length can be customised according to site requirements.



Color temperature

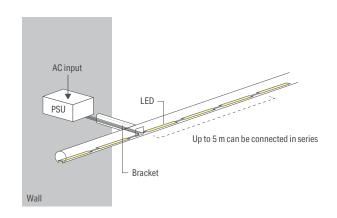
7100K 4200K 3500K	3000K 2700K	2400K
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Min Bending radius

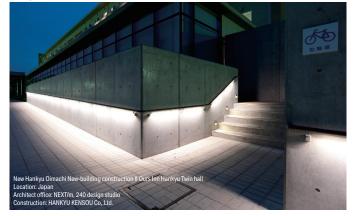
R 50mm in side (horizontal) bend direction



Feeding power from a wall



Project reference





Luci FLEX a F IP65

LFXF-O

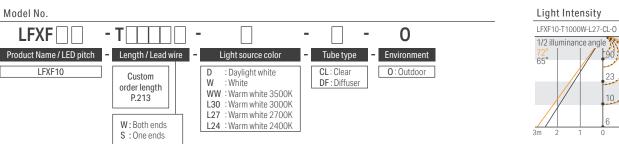








- Flexible strip with bending sideways
- Customised length available up to 5m per roll, 62.5mm increments
- Covered with soft acrylic tube



Specification @ Clear cover

LED pitch 10mm pitch					
Model No.			LFXF10-T1000W-□-CL-O		
Wattage			4.2W/m		
Fitting I	Fitting length(L) 1010mm				
Weight	Weight		40g		
Unit len	Unit length		62.5mm (6 LED)		
Luminair	Luminaire efficacy(2700K)		66.3 lm/W		
Light source color			= Device inventory		
D	7100K	Ra 74	* 329 lm*		
N	5300K		-		
W	4200K	Ra 70	○ 317 lm*		
WW	3500K	Ra 75	○ 298 lm*		
L30	3000K	Ra 70	○ 292 lm*		
L27	2700K	Ra 71	○ 278lm		
L24	2400K	Ra 65	* 251 lm*		
L19	1900K		-		

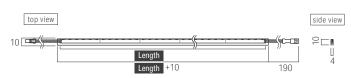
General Specification

Input voltage	DC24V	
LED beam angle	120°	
Environment	In/Outdoor (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 4 Mounting clip 5 Power supply cable	
Certification	CE, BIS	
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM)	
Power Supplies	Required	

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

External dimensions



Prohibited installation places

- direct expose to water / pooling of water
- direct sunlight
- liquids including chroline or chemicals
- high temperature and high humidity such as saunas
- coastal areas which are affected by sea spray

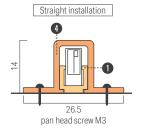
Do not cut the LED fixture and the lead wire of outdoor product at a job site. Please do appropriate treatment for the lead wire and connector of the terminal of outdoor LED fixture.

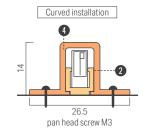


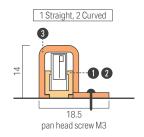
Refer to P.94

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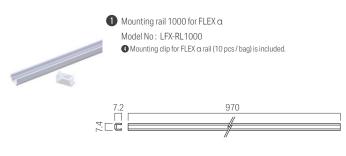
Cross sectional view when installing optional items





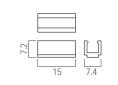


Option parts





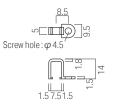
For curved installation





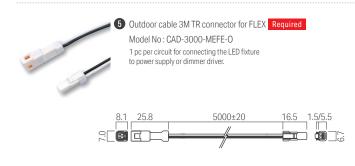
3 Mounting clip B for FLEX a Model No: LFX-RC-B 10 pcs / bag

Narrower clip used with rail 10 or parts 2





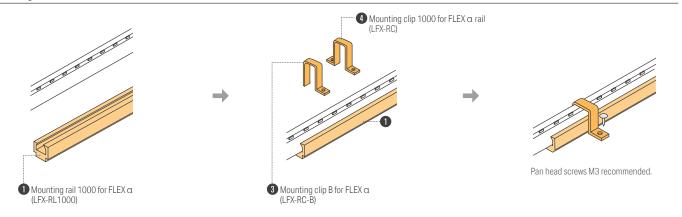
4 Mounting clip 1000 for FLEX α rail Attachments for 1 & 2 Model No : LFX-RC for extra order, 10 pcs / bag Screw hole: φ 4



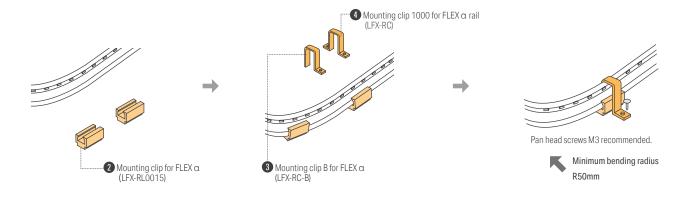
Luci FLEX a F IP65

Installing the product

Straight installation



Curved installation

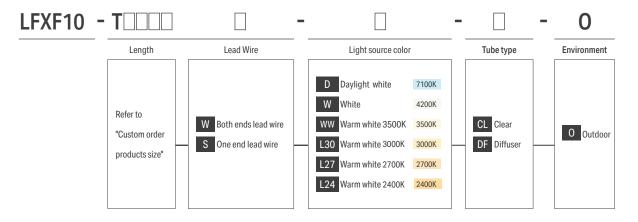


System configuration diagram 3 Max. distance 20m, Cable size: VCTF-2C-0.75sq 2 LED fixture max. 5m PSU DC24V LED fixture LED fixture LED fixture Circuit 1

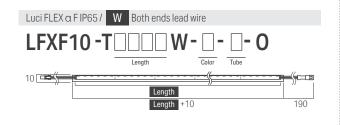
- $\ensuremath{\textcircled{1}}$ Max. connectable length of LED fixture per PSU
- ① Max. connectable total length of LED fixture per power supply depends on capacity of power supply. Recommended loading factor: 70% (without dimming) or 60% (with dimming)
- ② If connectable length of LED fixture per circuit 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)

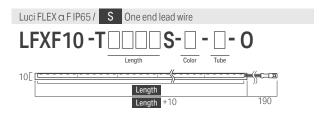
Luci FLEX a F IP65 -Custom order-

Model No.



External dimension





Custom order products size

Luci FLEX a F IP65 10mm pitch (4.2 W/m)					
Corresp	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

		Color temperature through diffuser tube *1
temperature(cie	ar tube)	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

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

