

LFPEX-O

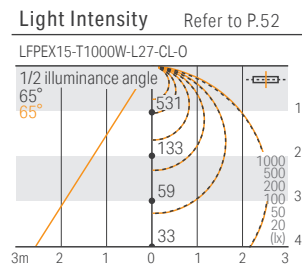


- Flexible strip covered with soft acrylic tube
- Customized length available up to 3.5m(LFPEX15), 5m(LFPEX20/30)
- 5 types of wattage and lumen output in 3 kinds of LED pitch



Model No. **LFPEX** - **T** - - **CL** - **O** -

Product Name / LED pitch	Length / Lead wire	Light source color	Tube type	Environment	Wattage
LFPEX15: 15mm pitch	Custom order length P.195	N : Natural white W : White WW : Warm white 3500K L30 : Warm white 3000K L27 : Warm white 2700K L24 : Warm white 2400K L21 : Warm white 2100K L19 : Warm white 1900K	CL : Clear	O : Outdoor	only for LFPEX30
LFPEX20: 20mm pitch					9 : 9.5W
LFPEX30: 30mm pitch					6 : 6.5W 4 : 4.5W
W : Both ends S : One ends					



Specification @ Clear cover

LED pitch	15mm pitch	20mm pitch	30mm pitch		
Model No.	LFPEX15-T1000W-□-CL-O	LFPEX20-T1000W-□-CL-O	LFPEX30-T1000W-□-CL-O-9	LFPEX30-T1000W-□-CL-O-6	LFPEX30-1000-□-CL-O-4
Power consumption	18.2W/m	12.1W/m	9.5W/m	6.5W/m	4.5W/m
Fitting length	1011mm	1011mm	1011mm		
Weight	60g	60g	60g		
Unit length	83.2mm (6 LED)	125mm (6 LED)	166.2mm (6 LED)		
Luminaire efficacy (2700K)	86.6 lm/W	88.2 lm/W	85.2 lm/W	89.6 lm/W	92 lm/W

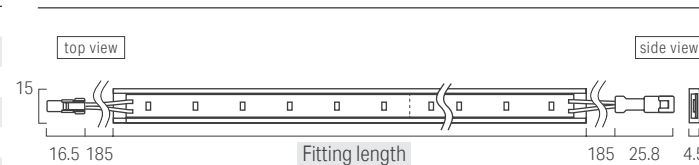
Light source color ○ = Device inventory * = Please contact us since it is made-to-order products and has MOQ. * = Equivalent

D	6500K															
N	5300K	Ra 92	*	1692 lm	Ra 92	*	1150 lm	Ra 92	*	847 lm	Ra 92	*	536 lm	Ra 92	*	405 lm
W	4200K	Ra 93	○	1680 lm	Ra 93	○	1125 lm	Ra 93	○	812 lm*	Ra 93	○	514 lm*	Ra 93	○	388 lm*
WW	3500K	Ra 93	○	1620 lm	Ra 93	○	1101 lm	Ra 93	○	704 lm*	Ra 93	○	446 lm*	Ra 93	○	337 lm*
L30	3000K	Ra 94	○	1493 lm	Ra 94	○	1008 lm	Ra 94	○	644 lm	Ra 94	○	408 lm	Ra 94	○	308 lm
L27	2700K	Ra 93	○	1496 lm	Ra 92	○	1016 lm	Ra 92	○	643 lm	Ra 92	○	407 lm	Ra 92	○	307 lm
L24	2400K	Ra 93	○	1260 lm	Ra 93	○	856 lm	Ra 93	○	592 lm	Ra 93	○	375 lm	Ra 93	○	283 lm
L21	2100K	Ra 93	*	1100 lm	Ra 96	*	748 lm	Ra 96	*	550 lm	Ra 96	*	348 lm	Ra 96	*	263 lm
L19	1900K	Ra 63	*	1405 lm	Ra 63	*	955 lm	Ra 63	*	703 lm	Ra 63	*	445 lm	Ra 63	*	336 lm

General Specification

Input voltage	DC24V
LED beam angle	120°
Environment	In/Outdoor (no condensation) IP65
Max. length per circuit	LFPEX15: 3.5m, LFPEX20/30: 5m
Min. bending range	R50mm
Material (body)	Soft acrylic
Attachments	-
Option parts	① ② ③ Mounting rail ④ ⑤ Mounting clip ⑥ Power supply cable
Certification	CE, BIS
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM)
Power Supplies	Required

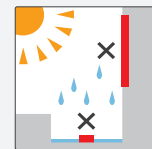
External dimensions



Prohibited installation places:

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

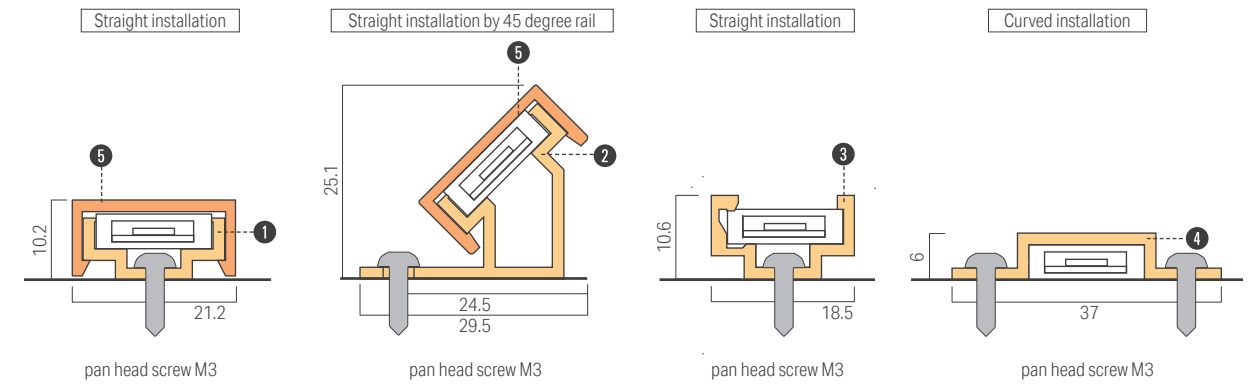
Caution:
Do not cut the LED fixture and the lead wire of outdoor product at a job site. Please do appropriate treatment for the lead wire and connector of the terminal of outdoor LED fixture.



Max. connectable length per power supply

Length of LED fixture (70% loading factor) *: split into multiple circuits					Power supply
15mm pitch	20mm pitch	30mm pitch			
~1.9m	~2.8m	9.5W	6.5W	4.5W	50W power supply
~3.8m*	~5.7m*	~7.3m*	~10.7m*	~15.5m*	100W power supply
~5.7m*	~8.6m*	~11m*	~16.1m*	~23.3m*	150W power supply

Cross sectional view when installing optional items



Option parts

- Mounting rail 1000 for Power FLEX**
Model No : LFP-RL1000
Material: AES
⑤ Mounting clip for rail (5pcs) is included.
- 45° Mounting rail 1000 for Power FLEX**
Model No : LFP-45RL1000
Material: AES
⑤ Mounting clip for rail (5pcs) is included.
- Aluminum mounting rail 1000 for Power FLEX**
Model No : LFP-RL1000-AL
- Mounting clip for Power FLEX**
Model No : LFP-RC
5 pcs / bag
For curved installation
- Mounting clip for rail** Attachments for ① & ②
Model No : LFP-PT
For extra order, 5 pcs / bag
- Outdoor cable 3M TR connector for FLEX** **Required**
Model No : CAD-3000-MEFE-O
1 pc per circuit for connecting the LED fixture to power supply or dimmer driver.

Custom order products size

Luci Power FLEX EX IP65 15mm pitch (18.2 W/m)					Luci Power FLEX EX IP65 20mm pitch (12.1 W/m)					Luci Power FLEX EX IP65 30mm pitch (9.5 W/m, 6.5 W/m, 4.5W/m)				
Corresponds to Length of Model No. and External dimensions					Corresponds to Length of Model No. and External dimensions					Corresponds to Length of Model No. and External dimensions				
0083	1082	2080	3078		0125	1123	2122	3120	4118	0166	1165	2163	3162	4160
0166	1165	2163	3162		0250	1248	2246	3245	4243	0333	1331	2330	3328	4326
0250	1248	2246	3245		0374	1373	2371	3370	4368	0499	1498	2496	3494	4493
0333	1331	2330	3328		0499	1498	2496	3494	4493	0666	1664	2662	3661	4659
0416	1414	2413	3411		0624	1622	2621	3619	4618	0832	1830	2829	3827	4826
0499	1498	2496	3494		0749	1747	2746	3744	4742	1000	2000	3000	4000	5000
0582	1581	2579			0874	1872	2870	3869	4867					
0666	1664	2662			1000	2000	3000	4000	5000					
0749	1747	2746												
0832	1830	2829												
0915	1914	2912												
1000	2000	3000												