

# LFPEX

Color management  
MacAdam 3 step



3 years warranty

- High-energy efficacy achieving up to 92lm/W
- 5 types of wattage and lumen output in 3 kinds of LED pitch
- Covered by soft acrylic tube



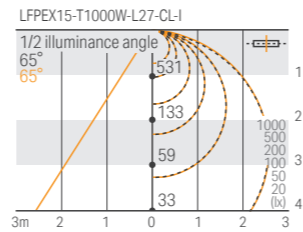
Model No.

LFPEX   -T     -  - CL - I -

Product Name / LED pitch	Length / Lead wire	Light source color	Tube type	Environment	Wattage
LFPEX15: 15mm pitch	Custom order length	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	I : Indoor	only for LFPEX30
LFPEX20: 20mm pitch					9 : 9.5W
LFPEX30: 30mm pitch					6 : 6.5W 4 : 4.5W

W : Both ends  
S : One ends

### Light Intensity



### Specification @ Clear cover

LED pitch	15mm pitch	20mm pitch	30mm pitch		
Model No.	LFPEX15-T1000W-□-CL-I	LFPEX20-T1000W-□-CL-I	LFPEX30-T1000W-□-CL-I-9	LFPEX30-T1000W-□-CL-I-6	LFPEX30-T1000W-□-CL-I-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		
Cutttable unit	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

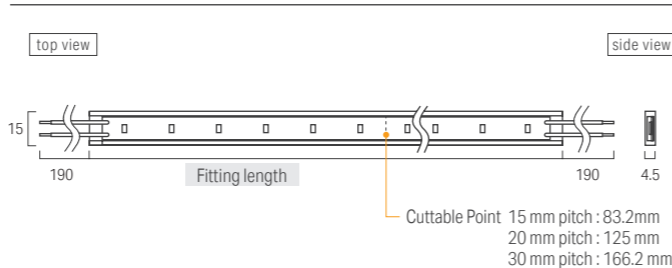
○ = Device inventory \* = Please contact us since it is made-to-order products and has MOQ. \* = Equivalent

Color	15mm pitch	20mm pitch	30mm pitch (9.5W)	30mm pitch (6.5W)	30mm pitch (4.5W)
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	Indoors (no condensation)
Max. length per circuit	5m
Min. bending range	R50mm
Material (body)	Soft acrylic
Attachments	⑥ End cap 2pcs
Option parts	①②③ Mounting rail ④⑤ Mounting clip ⑥ End cap ⑦ Magnet
Certification	CE, BIS
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM)
Power Supplies	Required

### External dimensions

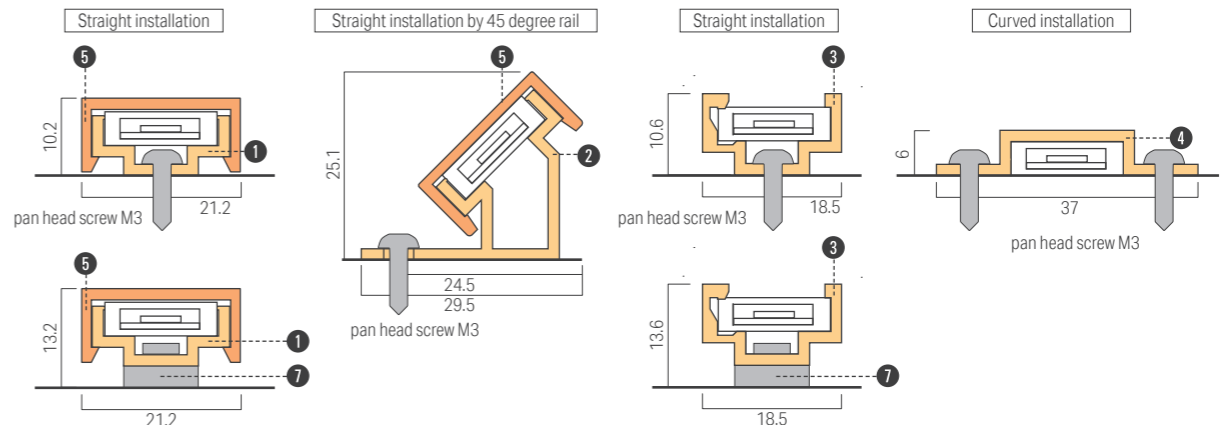


### Max. connectable length per power supply

Length of LED fixture (70% loading factor) \*: split into multiple circuits

15mm pitch	20mm pitch	30mm pitch			Power supply
		9.5W	6.5W	4.5W	
~1.9m	~2.8m	~3.6m	~5.3m*	~7.7m*	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.

Screw hole : φ 4
- 45° Mounting rail 1000 for Power FLEX  
Model No : LFP-45RL1000  
Material: AES

⑤ Mounting clip for rail (5pcs) is included.

Screw hole : φ 4
- Aluminum mounting rail 1000 for Power FLEX  
Model No : LFP-RL1000-AL

Screw hole : φ 4
- Mounting clip for Power FLEX  
Model No : LFP-RC  
5 pcs / bag  
For curved installation

Screw hole : φ 4.5
- Mounting clip for rail Attachments for ① & ②  
Model No : LFP-PT  
For extra order, 5 pcs / bag

21.2 7.5 9.8 7.5

Countersink for M3
- End cap for Power FLEX  
Model No : LFP-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, 2 pcs / bag

11 5.9 16.6
- Magnet set for rail  
Model No : MG-R  
4 pcs / bag

Used for installing LED fixture with mounting rail ① or ③ on metal plate. Metal plate is required by installer.

Magnet 10 3 10 10

Plate 12 1 5.8 12 1 5

Screw M3 tap M3

### Custom order length

Luci Power FLEX EX 30mm pitch (9.5 W/m, 6.5 W/m, 4.5W/m)

Corresponds to [Length] of Model No. and External dimensions

0166	1165	2163	3162	4160
0333	1331	2330	3328	4326
0499	1498	2496	3494	4493
0666	1664	2662	3661	4659
0832	1830	2829	3827	4826
1000	2000	3000	4000	5000

Luci Power FLEX EX 20mm pitch (12.1 W/m)

Corresponds to [Length] of Model No. and External dimensions

0125	1123	2122	3120	4118
0250	1248	2246	3245	4243
0374	1373	2371	3370	4368
0499	1498	2496	3494	4493
0624	1622	2621	3619	4618
0749	1747	2746	3744	4742
0874	1872	2870	3869	4867
1000	2000	3000	4000	5000

Luci Power FLEX EX 15mm pitch (18.2 W/m)

Corresponds to [Length] of Model No. and External dimensions

0083	1082	2080	3078	4077
0166	1165	2163	3162	4160
0250	1248	2246	3245	4243
0333	1331	2330	3328	4326
0416	1414	2413	3411	4410
0499	1498	2496	3494	4493
0582	1581	2579	3578	4576
0666	1664	2662	3661	4659
0749	1747	2746	3744	4742
0832	1830	2829	3827	4826
0915	1914	2912	3910	4909
1000	2000	3000	4000	5000