

## FLEX series

## Luci SHIN FLEX

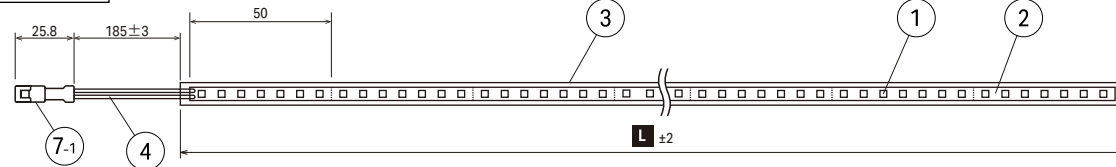
Luci SHIN FLEX 7mm pitch (Oversized, Outdoor,  
Clear, One-side lead wire)

Luci Pte., Ltd.

2023.07.14



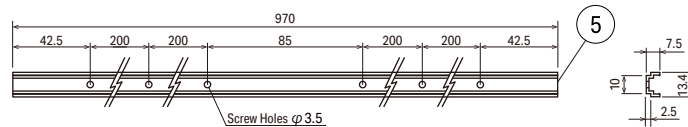
Front View



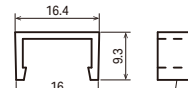
Cross-section



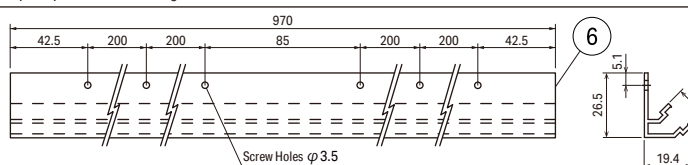
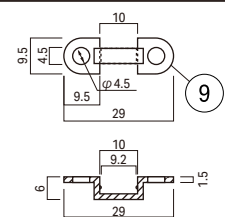
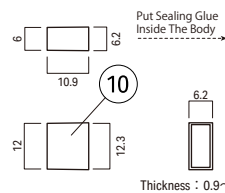
Option parts : Mounting rail 1000 for SHIN FLEX (LFY-RL1000)



Mounting clip for rail 5pcs/1bag



Option parts : 45°Mounting rail 1000 for SHIN FLEX (LFY-45RL1000)

Option parts :  
Mounting clip (LFY-RC)  
(10pcs/1bag)Accessories, Option parts :  
Endcap (LFY-EC) (10pcs/1bag)  
(2pcs attached upon request)

Thickness : 0.9~1.1

Spec • Rating may be subject to change without announcements.

Unit Of Measure : mm

|    | Part Name              | Material         | Note                          | Drawing |
|----|------------------------|------------------|-------------------------------|---------|
| 1  | LED                    |                  | SMD type                      |         |
| 2  | Tape Substrate         | FPC              | White                         |         |
| 3  | Body                   | Flexible Acrylic | Clear                         |         |
| 4  | Lead Wire              |                  | UL1007 AWG22 Black +, White - |         |
| 5  | Mounting rail          | AES              | White                         |         |
| 6  | 45°Mounting rail       | AES              | White                         |         |
| 7  | IP65 connector         | Nylon            | White, UL94V-0                |         |
| 8  | Mounting clip for rail | Polycarbonate    | Clear                         |         |
| 9  | Mounting clip          | Polycarbonate    | Clear                         |         |
| 10 | End cap                | Polycarbonate    | Clear                         |         |

| Spec                                                 | Input voltage : DC24V | Light Source color :                     | Item Number                                                                                                                                                                                                            |
|------------------------------------------------------|-----------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power consumption : ___ W/m                          | See attached table    | Daylight white : D : 6500K (lm*/Ra )     | LFY7- * S-D-CL-O- *<br>LFY7- * S-N-CL-O- *<br>LFY7- * S-W-CL-O- *<br>LFY7- * S-WW-CL-O- *<br>LFY7- * S-L30-CL-O- *<br>LFY7- * S-L27-CL-O- *<br>LFY7- * S-L25-CL-O- *<br>LFY7- * S-L22-CL-O- *<br>LFY7- * S-L20-CL-O- * |
| Weight : ___ g                                       |                       | Natural white : N : 5000K (lm*/Ra )      |                                                                                                                                                                                                                        |
| Number of LEDs : ___                                 |                       | White : W : 4000K (lm*/Ra )              |                                                                                                                                                                                                                        |
| Max. sets connectable : 5m                           |                       | Warm white 3500K : WW : 3500K (lm*/Ra )  |                                                                                                                                                                                                                        |
| Min. allowable bend range : R50mm                    |                       | Warm white 3000K : L30 : 3000K (lm*/Ra ) |                                                                                                                                                                                                                        |
| Environment : In & Outdoors ( No Condensation ) IP65 |                       | Warm white 2700K : L27 : 2700K (lm*/Ra ) |                                                                                                                                                                                                                        |
| Accessories : End cap×2pcs (※upon request)           |                       | Warm white 2400K : L25 : 2500K (lm*/Ra ) |                                                                                                                                                                                                                        |
| Option parts : Mounting rail, 45°Mounting rail,      |                       | Warm white 1900K : L22 : 2200K (lm*/Ra ) |                                                                                                                                                                                                                        |
| Mounting clip, End cap                               |                       | Warm white 1900K : L20 : 2000K (lm*/Ra ) |                                                                                                                                                                                                                        |
|                                                      |                       |                                          |                                                                                                                                                                                                                        |
|                                                      |                       |                                          |                                                                                                                                                                                                                        |
|                                                      |                       |                                          |                                                                                                                                                                                                                        |
|                                                      |                       |                                          |                                                                                                                                                                                                                        |
|                                                      |                       |                                          |                                                                                                                                                                                                                        |

\*=Equivalent

Job/Project Name

Area/Location/Circuit No.

Product Code

Qty.

Length(mm)

Luci Pte. Ltd. <http://www.luci.co.jp>

E-mail: info@luci.co.jp

LUCI (SHANGHAI) LIGHTING TECHNOLOGY CO., LTD.

Singapore World HQ  
Tel: +65-6291-2410Hong Kong Marketing Office  
Tel: +852-2219-8462 / Fax: +852-2219-8461Korea Office  
Tel: +82-2-508-2541Shanghai China mainland Regional HQ  
Tel: +86-21-5238-9115 / Fax: +86-21-5238-8727 / E-mail : info@

luci.co.jp



# Luci SHIN FLEX Custom Order

## Model No.

LFY

LED pitch

-

T

Length

Lead wire

-

Light source color

-

Tube type

-

Environment

-

Wattage

LFY : 7mm pitch  
LFY : 18mm pitch

Custom  
order length

W : Both ends  
S : One end

D : 6500K  
N : 5000K  
W : 4000K  
WW : 3500K  
L30 : 3000K  
L27 : 2700K  
L25 : 2500K  
L22 : 2200K  
L20 : 2000K

CL : Clear  
DF : Diffuser

I : Indoor  
O : IP65

LFY7

LFY18

2 : 2.1 W/m

2 : 2.9 W/m

4 : 4.2 W/m

4 : 4.9 W/m

6 : 6.4 W/m

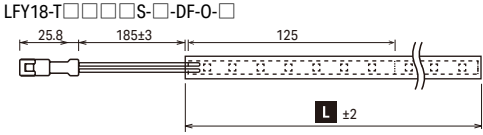
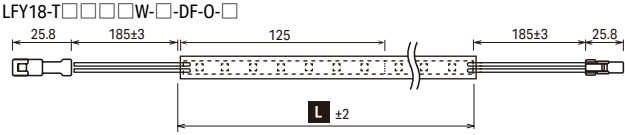
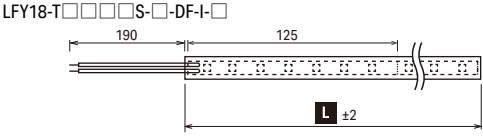
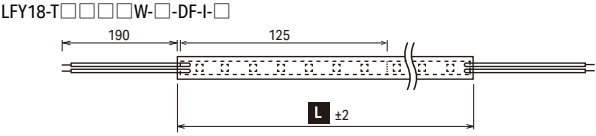
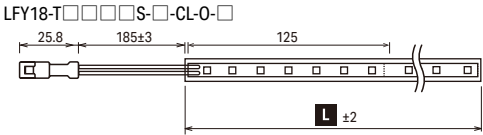
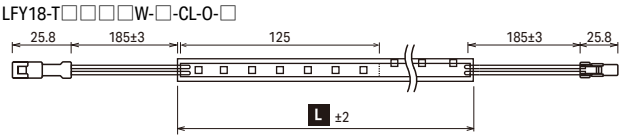
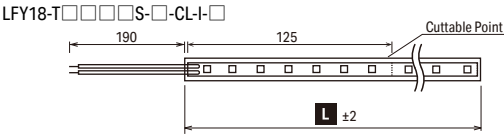
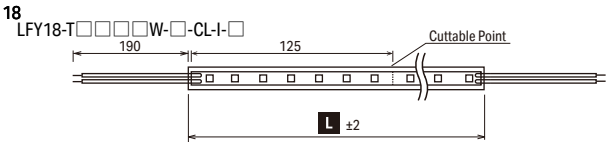
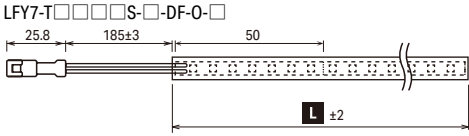
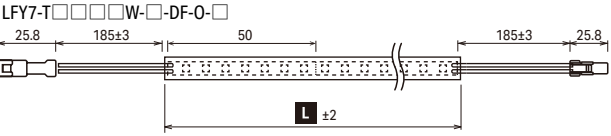
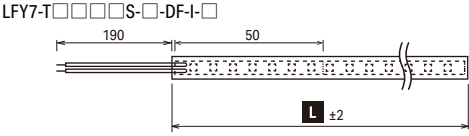
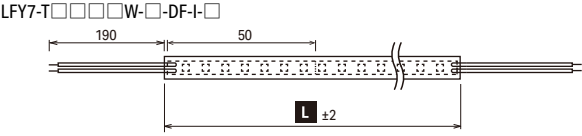
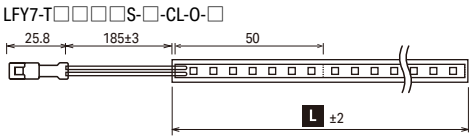
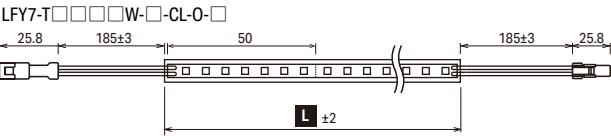
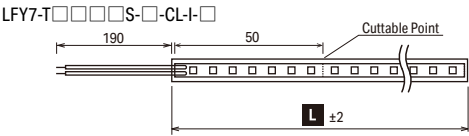
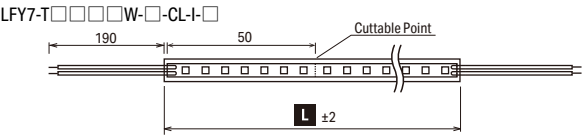
6 : 6.9 W/m

10 : 10.8 W/m

10 : 10.8 W/m

15 : 15.9 W/m

12 : 12.7 W/m



Custom order products size

LFY7

| Length | L    | Wattage (W) |        |        |         |         | Length | L    | Wattage (W) |        |        |         |         |
|--------|------|-------------|--------|--------|---------|---------|--------|------|-------------|--------|--------|---------|---------|
|        |      | 2.1W/m      | 4.2W/m | 6.4W/m | 10.8W/m | 15.9W/m |        |      | 2.1W/m      | 4.2W/m | 6.4W/m | 10.8W/m | 15.9W/m |
| 50     | 61   | 0.1         | 0.2    | 0.2    | 0.5     | 0.8     | 2550   | 2561 | 5.4         | 10.8   | 16.3   | 27.6    | 40.5    |
| 100    | 111  | 0.2         | 0.4    | 0.4    | 1.1     | 1.6     | 2600   | 2611 | 5.5         | 11.0   | 16.6   | 28.2    | 41.3    |
| 150    | 161  | 0.3         | 0.6    | 0.6    | 1.6     | 2.4     | 2650   | 2661 | 5.6         | 11.3   | 16.9   | 28.7    | 42.1    |
| 200    | 211  | 0.4         | 0.8    | 0.8    | 2.2     | 3.2     | 2700   | 2711 | 5.7         | 11.5   | 17.3   | 29.3    | 42.9    |
| 250    | 261  | 0.5         | 1.1    | 1.1    | 2.7     | 4.0     | 2750   | 2761 | 5.8         | 11.7   | 17.6   | 29.8    | 43.7    |
| 300    | 311  | 0.6         | 1.3    | 1.3    | 3.3     | 4.8     | 2800   | 2811 | 5.9         | 11.9   | 17.9   | 30.3    | 44.5    |
| 350    | 361  | 0.7         | 1.5    | 1.5    | 3.8     | 5.6     | 2850   | 2861 | 6.1         | 12.1   | 18.2   | 30.9    | 45.3    |
| 400    | 411  | 0.8         | 1.7    | 1.7    | 4.3     | 6.4     | 2900   | 2911 | 6.2         | 12.3   | 18.5   | 31.4    | 46.1    |
| 450    | 461  | 1.0         | 1.9    | 1.9    | 4.9     | 7.1     | 2950   | 2961 | 6.3         | 12.5   | 18.9   | 32.0    | 46.9    |
| 500    | 511  | 1.1         | 2.1    | 2.1    | 5.4     | 7.9     | 3000   | 3011 | 6.4         | 12.7   | 19.2   | 32.5    | 47.7    |
| 550    | 561  | 1.2         | 2.3    | 2.3    | 6.0     | 8.7     | 3050   | 3061 | 6.5         | 13.0   | 19.5   | 33.0    | 48.4    |
| 600    | 611  | 1.3         | 2.5    | 2.5    | 6.5     | 9.5     | 3100   | 3111 | 6.6         | 13.2   | 19.8   | 33.6    | 49.2    |
| 650    | 661  | 1.4         | 2.8    | 2.8    | 7.0     | 10.3    | 3150   | 3161 | 6.7         | 13.4   | 20.1   | 34.1    | 50.0    |
| 700    | 711  | 1.5         | 3.0    | 3.0    | 7.6     | 11.1    | 3200   | 3211 | 6.8         | 13.6   | 20.4   | 34.7    | 50.8    |
| 750    | 761  | 1.6         | 3.2    | 3.2    | 8.1     | 11.9    | 3250   | 3261 | 6.9         | 13.8   | 20.8   | 35.2    | 51.6    |
| 800    | 811  | 1.7         | 3.4    | 3.4    | 8.7     | 12.7    | 3300   | 3311 | 7.0         | 14.0   | 21.1   | 35.8    | 52.4    |
| 850    | 861  | 1.8         | 3.6    | 3.6    | 9.2     | 13.5    | 3350   | 3361 | 7.1         | 14.2   | 21.4   | 36.3    | 53.2    |
| 900    | 911  | 1.9         | 3.8    | 3.8    | 9.8     | 14.3    | 3400   | 3411 | 7.2         | 14.4   | 21.7   | 36.8    | 54.0    |
| 950    | 961  | 2.0         | 4.0    | 6.1    | 10.3    | 15.1    | 3450   | 3461 | 7.3         | 14.7   | 22.0   | 37.4    | 54.8    |
| 1000   | 1011 | 2.1         | 4.2    | 6.4    | 10.8    | 15.9    | 3500   | 3511 | 7.4         | 14.9   | 22.4   | 37.9    | 55.6    |
| 1050   | 1061 | 2.2         | 4.5    | 6.7    | 11.4    | 16.7    | 3550   | 3561 | 7.5         | 15.1   | 22.7   | 38.5    | 56.4    |
| 1100   | 1111 | 2.3         | 4.7    | 7.0    | 11.9    | 17.5    | 3600   | 3611 | 7.6         | 15.3   | 23.0   | 39.0    | 57.2    |
| 1150   | 1161 | 2.4         | 4.9    | 7.3    | 12.5    | 18.3    | 3650   | 3661 | 7.8         | 15.5   | 23.3   | 39.6    | 58.0    |
| 1200   | 1211 | 2.5         | 5.1    | 7.7    | 13.0    | 19.1    | 3700   | 3711 | 7.9         | 15.7   | 23.6   | 40.1    | 58.8    |
| 1250   | 1261 | 2.7         | 5.3    | 8.0    | 13.5    | 19.9    | 3750   | 3761 | 8.0         | 15.9   | 24.0   | 40.6    | 59.6    |
| 1300   | 1311 | 2.8         | 5.5    | 8.3    | 14.1    | 20.7    | 3800   | 3811 | 8.1         | 16.1   | 24.3   | 41.2    | 60.4    |
| 1350   | 1361 | 2.9         | 5.7    | 8.6    | 14.6    | 21.4    | 3850   | 3861 | 8.2         | 16.4   | 24.6   | 41.7    | 61.2    |
| 1400   | 1411 | 3.0         | 5.9    | 8.9    | 15.2    | 22.2    | 3900   | 3911 | 8.3         | 16.6   | 24.9   | 42.3    | 62.0    |
| 1450   | 1461 | 3.1         | 6.2    | 9.3    | 15.7    | 23.0    | 3950   | 3961 | 8.4         | 16.8   | 25.2   | 42.8    | 62.7    |
| 1500   | 1511 | 3.2         | 6.4    | 9.6    | 16.3    | 23.8    | 4000   | 4011 | 8.5         | 17.0   | 25.6   | 43.3    | 63.5    |
| 1550   | 1561 | 3.3         | 6.6    | 9.9    | 16.8    | 24.6    | 4050   | 4061 | 8.6         | 17.2   | 25.9   | 43.9    | 64.3    |
| 1600   | 1611 | 3.4         | 6.8    | 10.2   | 17.3    | 25.4    | 4100   | 4111 | 8.7         | 17.4   | 26.2   | 44.4    | 65.1    |
| 1650   | 1661 | 3.5         | 7.0    | 10.5   | 17.9    | 26.2    | 4150   | 4161 | 8.8         | 17.6   | 26.5   | 45.0    | 65.9    |
| 1700   | 1711 | 3.6         | 7.2    | 10.9   | 18.4    | 27.0    | 4200   | 4211 | 8.9         | 17.8   | 26.8   | 45.5    | 66.7    |
| 1750   | 1761 | 3.7         | 7.4    | 11.2   | 19.0    | 27.8    | 4250   | 4261 | 9.0         | 18.1   | 27.2   | 46.1    | 67.5    |
| 1800   | 1811 | 3.8         | 7.6    | 11.5   | 19.5    | 28.6    | 4300   | 4311 | 9.1         | 18.3   | 27.5   | 46.6    | 68.3    |
| 1850   | 1861 | 3.9         | 7.9    | 11.8   | 20.0    | 29.4    | 4350   | 4361 | 9.2         | 18.5   | 27.8   | 47.1    | 69.1    |
| 1900   | 1911 | 4.0         | 8.1    | 12.1   | 20.6    | 30.2    | 4400   | 4411 | 9.3         | 18.7   | 28.1   | 47.7    | 69.9    |
| 1950   | 1961 | 4.1         | 8.3    | 12.5   | 21.1    | 31.0    | 4450   | 4461 | 9.5         | 18.9   | 28.4   | 48.2    | 70.7    |
| 2000   | 2011 | 4.2         | 8.5    | 12.8   | 21.7    | 31.8    | 4500   | 4511 | 9.6         | 19.1   | 28.8   | 48.8    | 71.5    |
| 2050   | 2061 | 4.4         | 8.7    | 13.1   | 22.2    | 32.6    | 4550   | 4561 | 9.7         | 19.3   | 29.1   | 49.3    | 72.3    |
| 2100   | 2111 | 4.5         | 8.9    | 13.4   | 22.8    | 33.4    | 4600   | 4611 | 9.8         | 19.5   | 29.4   | 49.8    | 73.1    |
| 2150   | 2161 | 4.6         | 9.1    | 13.7   | 23.3    | 34.2    | 4650   | 4661 | 9.9         | 19.8   | 29.7   | 50.4    | 73.9    |
| 2200   | 2211 | 4.7         | 9.3    | 14.1   | 23.8    | 34.9    | 4700   | 4711 | 10.0        | 20.0   | 30.0   | 50.9    | 74.7    |
| 2250   | 2261 | 4.8         | 9.6    | 14.4   | 24.4    | 35.7    | 4750   | 4761 | 10.1        | 20.2   | 30.4   | 51.5    | 75.5    |
| 2300   | 2311 | 4.9         | 9.8    | 14.7   | 24.9    | 36.5    | 4800   | 4811 | 10.2        | 20.4   | 30.7   | 52.0    | 76.2    |
| 2350   | 2361 | 5.0         | 10.0   | 15.0   | 25.5    | 37.3    | 4850   | 4861 | 10.3        | 20.6   | 31.0   | 52.6    | 77.0    |
| 2400   | 2411 | 5.1         | 10.2   | 15.3   | 26.0    | 38.1    | 4900   | 4911 | 10.4        | 20.8   | 31.3   | 53.1    | 77.8    |
| 2450   | 2461 | 5.2         | 10.4   | 15.7   | 26.5    | 38.9    | 4950   | 4961 | 10.5        | 21.0   | 31.6   | 53.6    | 78.6    |
| 2500   | 2511 | 5.3         | 10.6   | 16.0   | 27.1    | 39.7    | 5000   | 5011 | 10.6        | 21.2   | 32.0   | 54.2    | 79.4    |

LFY18

| Length | L    | Wattage (W) |        |        |         |         | Length | L    | Wattage (W) |        |        |         |         |
|--------|------|-------------|--------|--------|---------|---------|--------|------|-------------|--------|--------|---------|---------|
|        |      | 2.9W/m      | 4.9W/m | 6.9W/m | 10.8W/m | 12.7W/m |        |      | 2.9W/m      | 4.9W/m | 6.9W/m | 10.8W/m | 12.7W/m |
| 125    | 136  | 0.4         | 0.6    | 0.9    | 1.4     | 1.6     | 2625   | 2636 | 7.7         | 12.8   | 18.2   | 28.5    | 33.2    |
| 250    | 261  | 0.7         | 1.2    | 1.7    | 2.7     | 3.2     | 2750   | 2761 | 8.0         | 13.4   | 19.1   | 29.8    | 34.8    |
| 375    | 386  | 1.1         | 1.8    | 2.6    | 4.1     | 4.7     | 2875   | 2886 | 8.4         | 14.1   | 19.9   | 31.2    | 36.4    |
| 500    | 511  | 1.5         | 2.4    | 3.5    | 5.4     | 6.3     | 3000   | 3011 | 8.8         | 14.7   | 20.8   | 32.5    | 38.0    |
| 625    | 636  | 1.8         | 3.1    | 4.3    | 6.8     | 7.9     | 3125   | 3136 | 9.1         | 15.3   | 21.7   | 33.9    | 39.5    |
| 750    | 761  | 2.2         | 3.7    | 5.2    | 8.1     | 9.5     | 3250   | 3261 | 9.5         | 15.9   | 22.5   | 35.2    | 41.1    |
| 875    | 886  | 2.6         | 4.3    | 6.1    | 9.5     | 11.1    | 3375   | 3386 | 9.9         | 16.5   | 23.4   | 36.6    | 42.7    |
| 1000   | 1011 | 2.9         | 4.9    | 6.9    | 10.8    | 12.7    | 3500   | 3511 | 10.2        | 17.1   | 24.3   | 38.0    | 44.3    |
| 1125   | 1136 | 3.3         | 5.5    | 7.8    | 12.2    | 14.2    | 3625   | 3636 | 10.6        | 17.7   | 25.1   | 39.3    | 45.9    |
| 1250   | 1261 | 3.7         | 6.1    | 8.7    | 13.6    | 15.8    | 3750   | 3761 | 11.0        | 18.3   | 26.0   | 40.7    | 47.5    |
| 1375   | 1386 | 4.0         | 6.7    | 9.5    | 14.9    | 17.4    | 3875   | 3886 | 11.3        | 18.9   | 26.9   | 42.0    | 49.0    |
| 1500   | 1511 | 4.4         | 7.3    | 10.4   | 16.3    | 19.0    | 4000   | 4011 | 11.7        | 19.5   | 27.7   | 43.4    | 50.6    |
| 1625   | 1636 | 4.8         | 7.9    | 11.3   | 17.6    | 20.6    | 4125   | 4136 | 12.1        | 20.2   | 28.6   | 44.7    | 52.2    |
| 1750   | 1761 | 5.1         | 8.6    | 12.1   | 19.0    | 22.1    | 4250   | 4261 | 12.4        | 20.8   | 29.5   | 46.1    | 53.8    |
| 1875   | 1886 | 5.5         | 9.2    | 13.0   | 20.3    | 23.7    | 4375   | 4386 | 12.8        | 21.4   | 30.3   | 47.4    | 55.4    |
| 2000   | 2011 | 5.9         | 9.8    | 13.9   | 21.7    | 25.3    | 4500   | 4511 | 13.2        | 22.0   | 31.2   | 48.8    | 56.9    |
| 2125   | 2136 | 6.2         | 10.4   | 14.7   | 23.0    | 26.9    | 4625   | 4636 | 13.5        | 22.6   | 32.1   | 50.2    | 58.5    |
| 2250   | 2261 | 6.6         | 11.0   | 15.6   | 24.4    | 28.5    | 4750   | 4761 | 13.9        | 23.2   | 32.9   | 51.5    | 60.1    |
| 2375   | 2386 | 6.9         | 11.6   | 16.5   | 25.8    | 30.1    | 4875   | 4886 | 14.3        | 23.8   | 33.8   | 52.9    | 61.7    |
| 2500   | 2511 | 7.3         | 12.2   | 17.3   | 27.1    | 31.6    | 5000   | 5011 | 14.6        | 24.4   | 34.7   | 54.2    | 63.3    |

|                                          |                                                                         |                                                              |                                                                                                                                                     |
|------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Luci Pte. Ltd.                           | <a href="http://www.luci.co.jp">http://www.luci.co.jp</a>               | E-mail: <a href="mailto:info@luci.co.jp">info@luci.co.jp</a> | LUCI (SHANGHAI) LIGHTING TECHNOLOGY CO., LTD.                                                                                                       |
| Singapore World HQ<br>Tel: +65-6291-2410 | Hong Kong Marketing Office<br>Tel: +852-2219-8462 / Fax: +852-2219-8461 | Korea Office<br>Tel: +82-2-508-2541                          | Shanghai China mainland Regional HQ<br>Tel: +86-21-5238-9115 / Fax: +86-21-5238-8727 / E-mail: <a href="mailto:info@luci.co.jp">info@luci.co.jp</a> |

|                                          |                                                                         |                                                              |                                                                                                                                                     |
|------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Luci Pte. Ltd.                           | <a href="http://www.luci.co.jp">http://www.luci.co.jp</a>               | E-mail: <a href="mailto:info@luci.co.jp">info@luci.co.jp</a> | LUCI (SHANGHAI) LIGHTING TECHNOLOGY CO., LTD.                                                                                                       |
| Singapore World HQ<br>Tel: +65-6291-2410 | Hong Kong Marketing Office<br>Tel: +852-2219-8462 / Fax: +852-2219-8461 | Korea Office<br>Tel: +82-2-508-2541                          | Shanghai China mainland Regional HQ<br>Tel: +86-21-5238-9115 / Fax: +86-21-5238-8727 / E-mail: <a href="mailto:info@luci.co.jp">info@luci.co.jp</a> |

# Luci SHIN FLEX Custom Order

## Model No.

LFY

LED pitch

-

T

Length

Lead wire

-

Light source color

-

Tube type

-

Environment

-

Wattage

LFY : 7mm pitch  
LFY : 18mm pitch

Custom  
order length

W : Both ends  
S : One end

D : 6500K  
N : 5000K  
W : 4000K  
WW : 3500K  
L30 : 3000K  
L27 : 2700K  
L25 : 2500K  
L22 : 2200K  
L20 : 2000K

CL : Clear  
DF : Diffuser

I : Indoor  
O : IP65

LFY7

LFY18

2 : 2.1 W/m

2 : 2.9 W/m

4 : 4.2 W/m

4 : 4.9 W/m

6 : 6.4 W/m

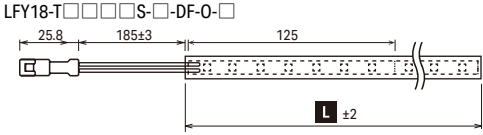
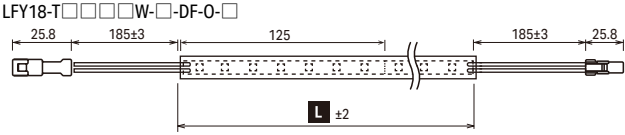
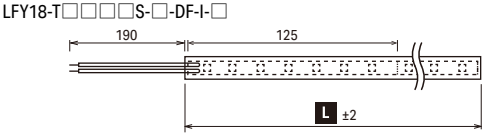
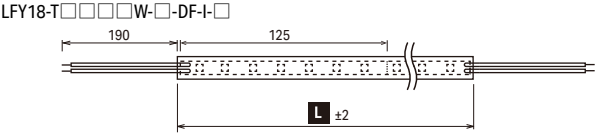
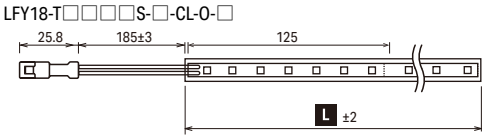
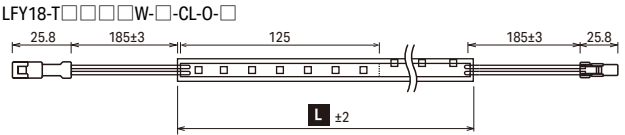
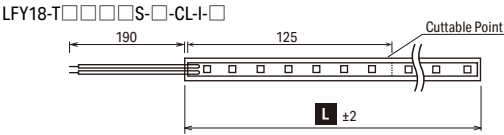
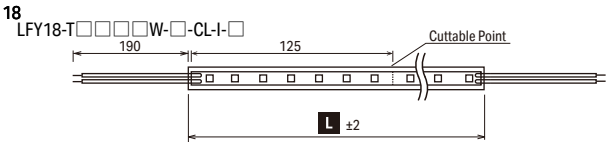
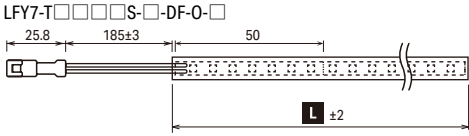
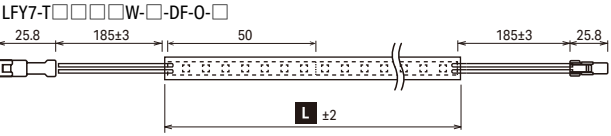
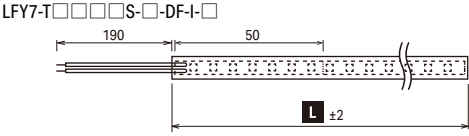
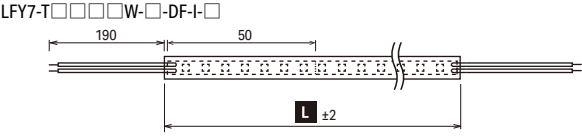
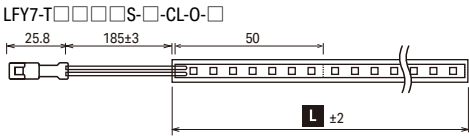
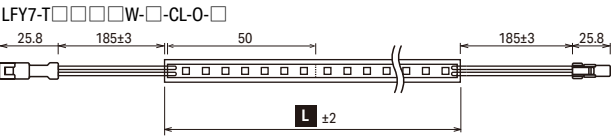
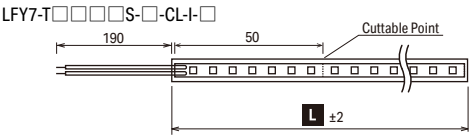
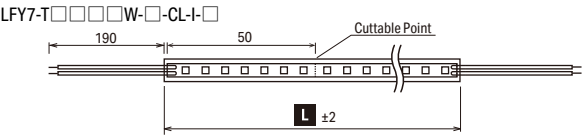
6 : 6.9 W/m

10 : 10.8 W/m

10 : 10.8 W/m

15 : 15.9 W/m

12 : 12.7 W/m



Custom order products size

LFY7

| Length | L    | Wattage (W) |        |        |         |         | Length | L    | Wattage (W) |        |        |         |         |
|--------|------|-------------|--------|--------|---------|---------|--------|------|-------------|--------|--------|---------|---------|
|        |      | 2.1W/m      | 4.2W/m | 6.4W/m | 10.8W/m | 15.9W/m |        |      | 2.1W/m      | 4.2W/m | 6.4W/m | 10.8W/m | 15.9W/m |
| 50     | 61   | 0.1         | 0.2    | 0.2    | 0.5     | 0.8     | 2550   | 2561 | 5.4         | 10.8   | 16.3   | 27.6    | 40.5    |
| 100    | 111  | 0.2         | 0.4    | 0.4    | 1.1     | 1.6     | 2600   | 2611 | 5.5         | 11.0   | 16.6   | 28.2    | 41.3    |
| 150    | 161  | 0.3         | 0.6    | 0.6    | 1.6     | 2.4     | 2650   | 2661 | 5.6         | 11.3   | 16.9   | 28.7    | 42.1    |
| 200    | 211  | 0.4         | 0.8    | 0.8    | 2.2     | 3.2     | 2700   | 2711 | 5.7         | 11.5   | 17.3   | 29.3    | 42.9    |
| 250    | 261  | 0.5         | 1.1    | 1.1    | 2.7     | 4.0     | 2750   | 2761 | 5.8         | 11.7   | 17.6   | 29.8    | 43.7    |
| 300    | 311  | 0.6         | 1.3    | 1.3    | 3.3     | 4.8     | 2800   | 2811 | 5.9         | 11.9   | 17.9   | 30.3    | 44.5    |
| 350    | 361  | 0.7         | 1.5    | 1.5    | 3.8     | 5.6     | 2850   | 2861 | 6.1         | 12.1   | 18.2   | 30.9    | 45.3    |
| 400    | 411  | 0.8         | 1.7    | 1.7    | 4.3     | 6.4     | 2900   | 2911 | 6.2         | 12.3   | 18.5   | 31.4    | 46.1    |
| 450    | 461  | 1.0         | 1.9    | 1.9    | 4.9     | 7.1     | 2950   | 2961 | 6.3         | 12.5   | 18.9   | 32.0    | 46.9    |
| 500    | 511  | 1.1         | 2.1    | 2.1    | 5.4     | 7.9     | 3000   | 3011 | 6.4         | 12.7   | 19.2   | 32.5    | 47.7    |
| 550    | 561  | 1.2         | 2.3    | 2.3    | 6.0     | 8.7     | 3050   | 3061 | 6.5         | 13.0   | 19.5   | 33.0    | 48.4    |
| 600    | 611  | 1.3         | 2.5    | 2.5    | 6.5     | 9.5     | 3100   | 3111 | 6.6         | 13.2   | 19.8   | 33.6    | 49.2    |
| 650    | 661  | 1.4         | 2.8    | 2.8    | 7.0     | 10.3    | 3150   | 3161 | 6.7         | 13.4   | 20.1   | 34.1    | 50.0    |
| 700    | 711  | 1.5         | 3.0    | 3.0    | 7.6     | 11.1    | 3200   | 3211 | 6.8         | 13.6   | 20.4   | 34.7    | 50.8    |
| 750    | 761  | 1.6         | 3.2    | 3.2    | 8.1     | 11.9    | 3250   | 3261 | 6.9         | 13.8   | 20.8   | 35.2    | 51.6    |
| 800    | 811  | 1.7         | 3.4    | 3.4    | 8.7     | 12.7    | 3300   | 3311 | 7.0         | 14.0   | 21.1   | 35.8    | 52.4    |
| 850    | 861  | 1.8         | 3.6    | 3.6    | 9.2     | 13.5    | 3350   | 3361 | 7.1         | 14.2   | 21.4   | 36.3    | 53.2    |
| 900    | 911  | 1.9         | 3.8    | 3.8    | 9.8     | 14.3    | 3400   | 3411 | 7.2         | 14.4   | 21.7   | 36.8    | 54.0    |
| 950    | 961  | 2.0         | 4.0    | 6.1    | 10.3    | 15.1    | 3450   | 3461 | 7.3         | 14.7   | 22.0   | 37.4    | 54.8    |
| 1000   | 1011 | 2.1         | 4.2    | 6.4    | 10.8    | 15.9    | 3500   | 3511 | 7.4         | 14.9   | 22.4   | 37.9    | 55.6    |
| 1050   | 1061 | 2.2         | 4.5    | 6.7    | 11.4    | 16.7    | 3550   | 3561 | 7.5         | 15.1   | 22.7   | 38.5    | 56.4    |
| 1100   | 1111 | 2.3         | 4.7    | 7.0    | 11.9    | 17.5    | 3600   | 3611 | 7.6         | 15.3   | 23.0   | 39.0    | 57.2    |
| 1150   | 1161 | 2.4         | 4.9    | 7.3    | 12.5    | 18.3    | 3650   | 3661 | 7.8         | 15.5   | 23.3   | 39.6    | 58.0    |
| 1200   | 1211 | 2.5         | 5.1    | 7.7    | 13.0    | 19.1    | 3700   | 3711 | 7.9         | 15.7   | 23.6   | 40.1    | 58.8    |
| 1250   | 1261 | 2.7         | 5.3    | 8.0    | 13.5    | 19.9    | 3750   | 3761 | 8.0         | 15.9   | 24.0   | 40.6    | 59.6    |
| 1300   | 1311 | 2.8         | 5.5    | 8.3    | 14.1    | 20.7    | 3800   | 3811 | 8.1         | 16.1   | 24.3   | 41.2    | 60.4    |
| 1350   | 1361 | 2.9         | 5.7    | 8.6    | 14.6    | 21.4    | 3850   | 3861 | 8.2         | 16.4   | 24.6   | 41.7    | 61.2    |
| 1400   | 1411 | 3.0         | 5.9    | 8.9    | 15.2    | 22.2    | 3900   | 3911 | 8.3         | 16.6   | 24.9   | 42.3    | 62.0    |
| 1450   | 1461 | 3.1         | 6.2    | 9.3    | 15.7    | 23.0    | 3950   | 3961 | 8.4         | 16.8   | 25.2   | 42.8    | 62.7    |
| 1500   | 1511 | 3.2         | 6.4    | 9.6    | 16.3    | 23.8    | 4000   | 4011 | 8.5         | 17.0   | 25.6   | 43.3    | 63.5    |
| 1550   | 1561 | 3.3         | 6.6    | 9.9    | 16.8    | 24.6    | 4050   | 4061 | 8.6         | 17.2   | 25.9   | 43.9    | 64.3    |
| 1600   | 1611 | 3.4         | 6.8    | 10.2   | 17.3    | 25.4    | 4100   | 4111 | 8.7         | 17.4   | 26.2   | 44.4    | 65.1    |
| 1650   | 1661 | 3.5         | 7.0    | 10.5   | 17.9    | 26.2    | 4150   | 4161 | 8.8         | 17.6   | 26.5   | 45.0    | 65.9    |
| 1700   | 1711 | 3.6         | 7.2    | 10.9   | 18.4    | 27.0    | 4200   | 4211 | 8.9         | 17.8   | 26.8   | 45.5    | 66.7    |
| 1750   | 1761 | 3.7         | 7.4    | 11.2   | 19.0    | 27.8    | 4250   | 4261 | 9.0         | 18.1   | 27.2   | 46.1    | 67.5    |
| 1800   | 1811 | 3.8         | 7.6    | 11.5   | 19.5    | 28.6    | 4300   | 4311 | 9.1         | 18.3   | 27.5   | 46.6    | 68.3    |
| 1850   | 1861 | 3.9         | 7.9    | 11.8   | 20.0    | 29.4    | 4350   | 4361 | 9.2         | 18.5   | 27.8   | 47.1    | 69.1    |
| 1900   | 1911 | 4.0         | 8.1    | 12.1   | 20.6    | 30.2    | 4400   | 4411 | 9.3         | 18.7   | 28.1   | 47.7    | 69.9    |
| 1950   | 1961 | 4.1         | 8.3    | 12.5   | 21.1    | 31.0    | 4450   | 4461 | 9.5         | 18.9   | 28.4   | 48.2    | 70.7    |
| 2000   | 2011 | 4.2         | 8.5    | 12.8   | 21.7    | 31.8    | 4500   | 4511 | 9.6         | 19.1   | 28.8   | 48.8    | 71.5    |
| 2050   | 2061 | 4.4         | 8.7    | 13.1   | 22.2    | 32.6    | 4550   | 4561 | 9.7         | 19.3   | 29.1   | 49.3    | 72.3    |
| 2100   | 2111 | 4.5         | 8.9    | 13.4   | 22.8    | 33.4    | 4600   | 4611 | 9.8         | 19.5   | 29.4   | 49.8    | 73.1    |
| 2150   | 2161 | 4.6         | 9.1    | 13.7   | 23.3    | 34.2    | 4650   | 4661 | 9.9         | 19.8   | 29.7   | 50.4    | 73.9    |
| 2200   | 2211 | 4.7         | 9.3    | 14.1   | 23.8    | 34.9    | 4700   | 4711 | 10.0        | 20.0   | 30.0   | 50.9    | 74.7    |
| 2250   | 2261 | 4.8         | 9.6    | 14.4   | 24.4    | 35.7    | 4750   | 4761 | 10.1        | 20.2   | 30.4   | 51.5    | 75.5    |
| 2300   | 2311 | 4.9         | 9.8    | 14.7   | 24.9    | 36.5    | 4800   | 4811 | 10.2        | 20.4   | 30.7   | 52.0    | 76.2    |
| 2350   | 2361 | 5.0         | 10.0   | 15.0   | 25.5    | 37.3    | 4850   | 4861 | 10.3        | 20.6   | 31.0   | 52.6    | 77.0    |
| 2400   | 2411 | 5.1         | 10.2   | 15.3   | 26.0    | 38.1    | 4900   | 4911 | 10.4        | 20.8   | 31.3   | 53.1    | 77.8    |
| 2450   | 2461 | 5.2         | 10.4   | 15.7   | 26.5    | 38.9    | 4950   | 4961 | 10.5        | 21.0   | 31.6   | 53.6    | 78.6    |
| 2500   | 2511 | 5.3         | 10.6   | 16.0   | 27.1    | 39.7    | 5000   | 5011 | 10.6        | 21.2   | 32.0   | 54.2    | 79.4    |

LFY18

| Length | L    | Wattage (W) |        |        |         |         | Length | L    | Wattage (W) |        |        |         |         |
|--------|------|-------------|--------|--------|---------|---------|--------|------|-------------|--------|--------|---------|---------|
|        |      | 2.9W/m      | 4.9W/m | 6.9W/m | 10.8W/m | 12.7W/m |        |      | 2.9W/m      | 4.9W/m | 6.9W/m | 10.8W/m | 12.7W/m |
| 125    | 136  | 0.4         | 0.6    | 0.9    | 1.4     | 1.6     | 2625   | 2636 | 7.7         | 12.8   | 18.2   | 28.5    | 33.2    |
| 250    | 261  | 0.7         | 1.2    | 1.7    | 2.7     | 3.2     | 2750   | 2761 | 8.0         | 13.4   | 19.1   | 29.8    | 34.8    |
| 375    | 386  | 1.1         | 1.8    | 2.6    | 4.1     | 4.7     | 2875   | 2886 | 8.4         | 14.1   | 19.9   | 31.2    | 36.4    |
| 500    | 511  | 1.5         | 2.4    | 3.5    | 5.4     | 6.3     | 3000   | 3011 | 8.8         | 14.7   | 20.8   | 32.5    | 38.0    |
| 625    | 636  | 1.8         | 3.1    | 4.3    | 6.8     | 7.9     | 3125   | 3136 | 9.1         | 15.3   | 21.7   | 33.9    | 39.5    |
| 750    | 761  | 2.2         | 3.7    | 5.2    | 8.1     | 9.5     | 3250   | 3261 | 9.5         | 15.9   | 22.5   | 35.2    | 41.1    |
| 875    | 886  | 2.6         | 4.3    | 6.1    | 9.5     | 11.1    | 3375   | 3386 | 9.9         | 16.5   | 23.4   | 36.6    | 42.7    |
| 1000   | 1011 | 2.9         | 4.9    | 6.9    | 10.8    | 12.7    | 3500   | 3511 | 10.2        | 17.1   | 24.3   | 38.0    | 44.3    |
| 1125   | 1136 | 3.3         | 5.5    | 7.8    | 12.2    | 14.2    | 3625   | 3636 | 10.6        | 17.7   | 25.1   | 39.3    | 45.9    |
| 1250   | 1261 | 3.7         | 6.1    | 8.7    | 13.6    | 15.8    | 3750   | 3761 | 11.0        | 18.3   | 26.0   | 40.7    | 47.5    |
| 1375   | 1386 | 4.0         | 6.7    | 9.5    | 14.9    | 17.4    | 3875   | 3886 | 11.3        | 18.9   | 26.9   | 42.0    | 49.0    |
| 1500   | 1511 | 4.4         | 7.3    | 10.4   | 16.3    | 19.0    | 4000   | 4011 | 11.7        | 19.5   | 27.7   | 43.4    | 50.6    |
| 1625   | 1636 | 4.8         | 7.9    | 11.3   | 17.6    | 20.6    | 4125   | 4136 | 12.1        | 20.2   | 28.6   | 44.7    | 52.2    |
| 1750   | 1761 | 5.1         | 8.6    | 12.1   | 19.0    | 22.1    | 4250   | 4261 | 12.4        | 20.8   | 29.5   | 46.1    | 53.8    |
| 1875   | 1886 | 5.5         | 9.2    | 13.0   | 20.3    | 23.7    | 4375   | 4386 | 12.8        | 21.4   | 30.3   | 47.4    | 55.4    |
| 2000   | 2011 | 5.9         | 9.8    | 13.9   | 21.7    | 25.3    | 4500   | 4511 | 13.2        | 22.0   | 31.2   | 48.8    | 56.9    |
| 2125   | 2136 | 6.2         | 10.4   | 14.7   | 23.0    | 26.9    | 4625   | 4636 | 13.5        | 22.6   | 32.1   | 50.2    | 58.5    |
| 2250   | 2261 | 6.6         | 11.0   | 15.6   | 24.4    | 28.5    | 4750   | 4761 | 13.9        | 23.2   | 32.9   | 51.5    | 60.1    |
| 2375   | 2386 | 6.9         | 11.6   | 16.5   | 25.8    | 30.1    | 4875   | 4886 | 14.3        | 23.8   | 33.8   | 52.9    | 61.7    |
| 2500   | 2511 | 7.3         | 12.2   | 17.3   | 27.1    | 31.6    | 5000   | 5011 | 14.6        | 24.4   | 34.7   | 54.2    | 63.3    |