

# LFY-I SHIN series NEW

Color management  
MacAdam 3 step

- 2 types of LED pitch (7.1 or 17.8mm) for profile and cove lighting
- 5 types of wattage 2W/m to 15W/m in same LED package to match CCT
- High efficient LED package achieving up to 185 lm/W



Model No.

LFY   - T         - CL - I -  

Product Name / LED pitch	Length	Lead wire	Light source color	Tube type	Environment	Wattage
LFY7 : 7.1mm 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	I : Indoor	LFY7 2 : 2.1W/m 4 : 4.2W/m 6 : 6.4W/m 10 : 10.8W/m 15 : 15.9W/m
LFY18 : 17.8mm pitch						LFY18 2 : 2.9W/m 4 : 4.9W/m 6 : 6.9W/m 10 : 10.8W/m 12 : 12.7W/m

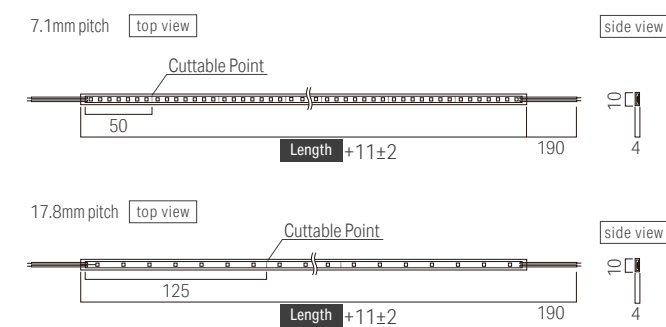
**Specification**

LED pitch	7.1mm pitch					17.8mm pitch				
Model No.	LFY7- T1000W/S - (CCT) - CL - I - (Wattage)					LFY18- T1000W/S - (CCT) - CL - I - (Wattage)				
Cutable unit	50mm					125mm				
Wattage	15.9 W/m	10.8 W/m	6.4 W/m	4.2 W/m	2.1 W/m	12.7 W/m	10.8 W/m	6.9 W/m	4.9 W/m	2.9 W/m
Luminaire efficacy (2700K)	126 lm/W	132 lm/W	132 lm/W	133 lm/W	141 lm/W	118 lm/W	121 lm/W	125 lm/W	128 lm/W	129 lm/W
Light source color										
D 6500K Ra95	2265 lm	1609 lm	949 lm	638 lm	337 lm	1691 lm	1476 lm	978 lm	706 lm	425 lm
N 5000K Ra92	2246 lm	1595 lm	941 lm	632 lm	334 lm	1677 lm	1463 lm	970 lm	700 lm	421 lm
W 4000K Ra96	2201 lm	1563 lm	922 lm	619 lm	328 lm	1643 lm	1433 lm	950 lm	686 lm	413 lm
WW 3500K Ra96	2188 lm	1554 lm	916 lm	616 lm	326 lm	1633 lm	1425 lm	945 lm	682 lm	410 lm
L30 3000K Ra94	2210 lm	1499 lm	884 lm	594 lm	314 lm	1575 lm	1374 lm	911 lm	658 lm	396 lm
L27 2700K Ra93	2000 lm	1421 lm	838 lm	563 lm	298 lm	1493 lm	1303 lm	863 lm	624 lm	375 lm
L25 2500K Ra93	1489 lm	1057 lm	624 lm	419 lm	222 lm	1111 lm	970 lm	643 lm	464 lm	279 lm
L22 2200K Ra92	1372 lm	975 lm	575 lm	386 lm	204 lm	1024 lm	894 lm	592 lm	428 lm	257 lm
L20 2000K Ra90	1269 lm	901 lm	531 lm	357 lm	159 lm	947 lm	826 lm	548 lm	396 lm	238 lm

**General Specification**

Input voltage	DC24V
Environment	IP20 equivalent
Max. length per circuit	5m
Min. bending range	R50mm
Material	Soft acrylic
Attachment	5 End cap 2pcs for Indoor
Accessories	1 2 Mounting rail 3 4 Mounting clip 5 End cap 6 PC Cover 7 Magnet
Certification	CE, PBT FREE
Dimmable	Yes (0-10V, 1-10V, DMX, DALI, PWM)

**External dimensions**

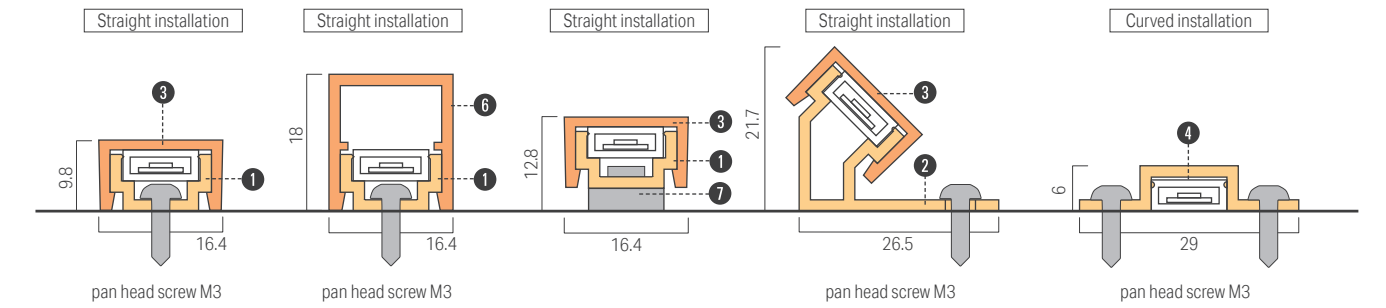


**Custom order length**

Luci SHIN FLEX Indoor 7.1mm pitch										
Corresponds to Length of Model No. and External dimensions										
0050	0550	1050	1550	2050	2550	3050	3550	4050	4550	
0100	0600	1100	1600	2100	2600	3100	3600	4100	4600	
0150	0650	1150	1650	2150	2650	3150	3650	4150	4650	
0200	0700	1200	1700	2200	2700	3200	3700	4200	4700	
0250	0750	1250	1750	2250	2750	3250	3750	4250	4750	
0300	0800	1300	1800	2300	2800	3300	3800	4300	4800	
0350	0850	1350	1850	2350	2850	3350	3850	4350	4850	
0400	0900	1400	1900	2400	2900	3400	3900	4400	4900	
0450	0950	1450	1950	2450	2950	3450	3950	4450	4950	
0500	1000	1500	2000	2500	3000	3500	4000	4500	5000	

Luci SHIN FLEX Indoor 17.8mm pitch										
Corresponds to Length of Model No. and External dimensions										
0125	0625	1125	1625	2125	2625	3125	3625	4125	4625	
0250	0750	1250	1750	2250	2750	3250	3750	4250	4750	
0375	0875	1375	1875	2375	2875	3375	3875	4375	4875	
0500	1000	1500	2000	2500	3000	3500	4000	4500	5000	

**Cross sectional view when installing optional items**



**Accessories**

**1** Mounting rail 1000 for SHIN FLEX  
Model No: LFY-RL1000  
Material: AES  
3 Mounting clip for rail (5pcs) is included.

**2** 45° Mounting rail 1000 for SHIN FLEX  
Model No: LFY-45RL1000  
Material: AES  
3 Mounting clip for rail (5pcs) is included.

**3** Mounting clip for SHIN FLEX rail Attachment for 1  
Model No: LFY-PT  
For extra order, 5 pcs / bag

**4** Mounting clip for SHIN FLEX  
Model No: LFY-RC  
10 pcs / bag  
For curved installation

**5** End cap for SHIN FLEX  
Model No: LFY-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

**6** SHIN FLEX PC Cover H18mm 1050mm  
Model No: LFY-C1050-A  
Length: 1050mm  
Attach to mounting rail  
LFY7: fully diffuse  
LFY18: dark spots are visible  
for upward installation recommended

**7** Magnet set for rail  
Model No: MG-R  
4 pcs / bag  
Used for installing LED fixture with mounting rail 1 on metal plate. Metal plate is required by installer.