

Luci SHIN silux wide

LSXWY

SHIN series

LSXWY **SHIN** series

Application

Ceiling cove



Isuzu Motors Limited Head Office Building
Architect office: ISUZU Estate Co. Ltd. / Sakakura Associates architects and engineers
Lighting design: ICE ILLUMINATION OF CITY ENVIRONMENT
Photo: Yasuyuki Akiba

Shelf



Minakami Hotel Jurak
Location: Japan Architect office: Ishii Architectural Office Co., Ltd
Lighting design: sola associates
Construction: TOBU CONSTRUCTION Co., Ltd.

Step

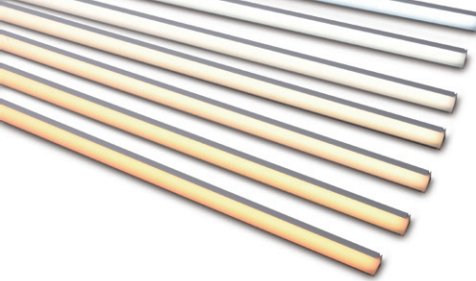


Minakami Hotel Jurak
Location: Japan Architect office: Ishii Architectural Office Co., Ltd
Lighting design: sola associates
Construction: TOBU CONSTRUCTION Co., Ltd.

Skirting / Foot light



FSMR
Location: Japan Architect office: Atelier Monogoto Architecture & Design / Osamu Yoshida
Lighting design: Kaori Endo Lighting Design
Construction: Iwata Housing Co., Ltd. Photo: Ryota Atarashi



Luci SHIN silux® wide

Available 5 different wattage variations
 Customisable every 50mm increment up to 1.4M
 Homogeneous rigid light with a square shape
 Ideal for shelf/ceiling light and recessed direct view light on ceiling/wall

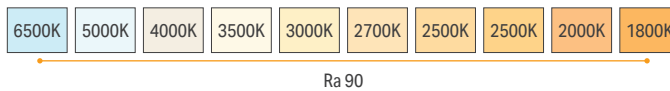
Specifications

Dimensions

Cross section : W18 x H12 mm
 Length : 26 types of fixed length

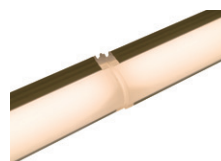
60	110	160	210	260	310
360	410	460	510	560	610
660	710	760	810	860	910
960	1110	1160	1210	1260	1310
1360	1410	(mm)			

Color temperature



Electrical & Output @2700K

Power Consumption (W/m)	2.1	4.2	6.4	10.8	15.9
Luminous flux (lm/m)	205	411	620	1040	1482
Luminaire efficacy (lm/W)	96.4	96.7	97.1	96.0	93.3

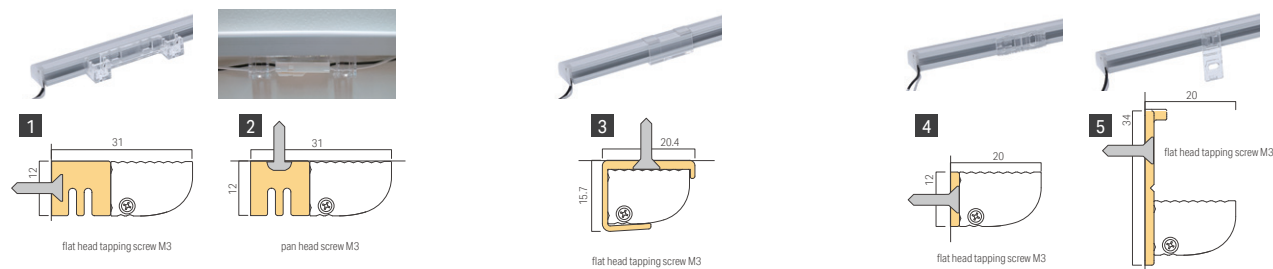


SHIN silux wide has a quarter-circle cross-section ideal for cove and shelf lighting. The light distribution is tilted so that can be illuminated widely and efficiently.

Features

Mounting Options

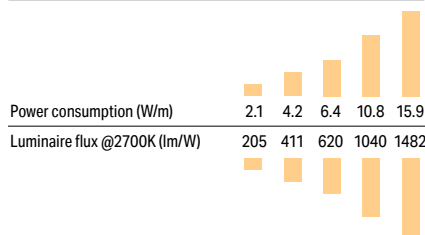
Various accessories are available to accommodate different screw directions, ensuring flexible and secure installation.



- 1 Screw back of the fixture and conceal the connector
- 2 Screw back-behind the fixture and conceal the connector
- 3 The screw secured behind the fixture with visible clip with the connector visible from the outside
- 4 Screw back of the fixture, connectors need to be hide
- 5 Attach multi-clip on the fitting and rotate 90 degree and screw on the wall suitable for cove lighting

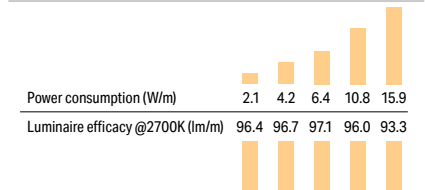
This allows for customized mounting options, making it easier to adapt to various surfaces and installation requirements in architectural and commercial lighting applications.

Wattage list



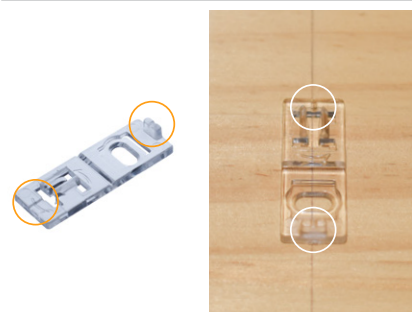
It offers five different wattage variations, providing flexibility in brightness and energy consumption. This allows users to choose the optimal wattage based on their lighting needs. A comparison with other wattage options helps in selecting the most efficient and suitable illumination for architectural, commercial, and residential applications.

High Efficiency



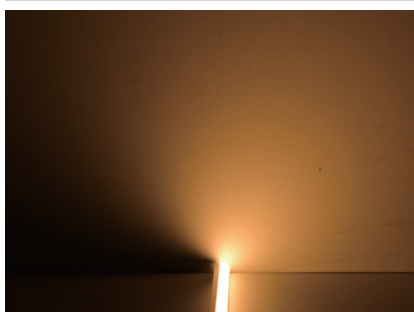
It update features a low wattage, high lumen LED series, providing greater brightness with reduced energy consumption. This enhancement improves efficiency and performance, making it ideal for sustainable and cost-effective lighting solutions in architectural, commercial, and residential applications.

Center Mark



The multi-clip allows for easy installation as there is a center mark to align the chalk line. This simplifies the mounting process, ensuring a secure and seamless setup while maintaining a clean and professional appearance in architectural and interior lighting applications.

Lamp Shape and Light



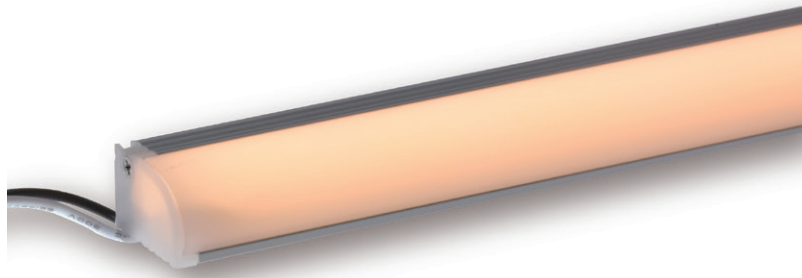
It features a crescent shape, making it ideal for shelf display lighting. This design allows light to spread both downward and backward, providing wide, even illumination that enhances product visibility and aesthetics in retail, museum, and showcase applications.

Rigid
 LREY
 SHINRECTA
 LTHY
 SHIN THOF
 LCEY
 SHIN Oricle
 LCELY
 SHIN Oricle lens
 LCETHY
 SHIN Oricle THOF
 LSXY
 SHIN silux
 LSXWY
 SHIN silux wide
 LRM series
 RMIT series
 LRMHS
 RMIT us
 LRMUS
 RMIT us

LSXWY SHIN series



- Updated with low wattage high lumen LED series
- Available 5 different wattage variations
- Customisable every 50mm increment up to 1.4M
- Homogeneous rigid light with a square shape
- Ideal for shelf/cove light and recessed direct view light on ceiling/wall



Model No.

LSXWY	-	□□□□	-	□	-	DF	-	I	-	□
Product Name	Length				Light source color		Cover type	Environment	Wattage	
LSXWY	0060	0410	0760	1110	D : 6500K	L27 : 2700K	DF : Diffuser	I : Indoor	2 : 2.1 W/m	4 : 4.2 W/m
	0110	0460	0810	1160	N : 5000K	L25 : 2500K			6 : 6.4 W/m	10 : 10.8 W/m
	0160	0510	0860	1210	W : 4000K	L22 : 2200K			15 : 15.9 W/m	
	0210	0560	0910	1260	WW : 3500K	L20 : 2000K				
	0260	0610	0960	1310	L30 : 3000K	L18 : 1800K				
	0310	0660	1010	1360						
	0360	0710	1060	1410						

Specification

Wattage (Code)	2	4	6	10	15
Wattage (W/m)	2.1	4.2	6.4	10.8	15.9
Luminaire efficacy (lm/W) @2700K	96.4	96.7	97.1	96.0	93.3

Luman output

Light source color (Code)

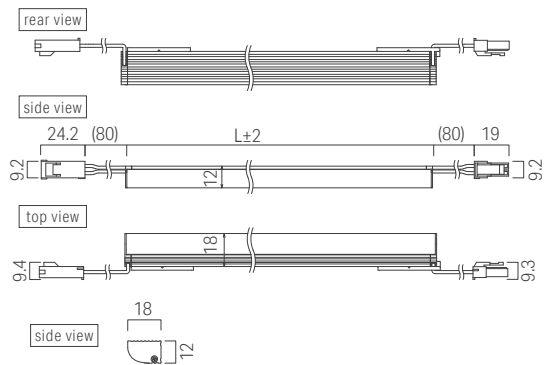
	Delivered CCT	CRI	Luminaire flux (lm/m)				
D 6500K	6600K	Ra 96	231	464	701	1175	1675
N 5000K	5000K	Ra 93	229	460	695	1165	1660
W 4000K	4000K	Ra 97	225	452	683	1144	1630
WW 3500K	3500K	Ra 97	223	448	676	1134	1615
L30 3000K	2900K	Ra 95	217	435	658	1103	1571
L27 2700K	2600K	Ra 94	205	411	620	1040	1482
L25 2500K	2500K	Ra 94	152	304	459	770	1097
L22 2200K	2200K	Ra 93	141	283	428	718	1023
L20 2000K	2000K	Ra 91	129	259	391	655	934
L18 1800K	1800K	Ra 90	125	251	378	635	904

Length(Code)	Fitting length(mm)	Weight(g)	Wattage (W)				
0060	60	17	0.1	0.3	0.4	0.6	0.9
0110	110	25	0.2	0.5	0.7	1.2	1.7
0160	160	32	0.3	0.7	1.0	1.7	2.5
0210	210	40	0.4	0.9	1.3	2.3	3.3
0260	260	47	0.5	1.1	1.6	2.8	4.1
0310	310	55	0.7	1.3	2.0	3.3	4.9
0360	360	72	0.8	1.5	2.3	3.9	5.7
0410	410	80	0.9	1.7	2.6	4.4	6.4
0460	460	87	1.0	1.9	2.9	4.9	7.2
0510	510	95	1.1	2.1	3.2	5.5	8.0
0560	560	102	1.2	2.4	3.5	6.0	8.8
0610	610	110	1.3	2.6	3.9	6.5	9.6
0660	660	117	1.4	2.8	4.2	7.1	10.4
0710	710	125	1.5	3.0	4.5	7.6	11.2
0760	760	132	1.6	3.2	4.8	8.2	12.0
0810	810	140	1.7	3.4	5.1	8.7	12.7
0860	860	147	1.8	3.6	5.4	9.2	13.5
0910	910	155	1.9	3.8	5.8	9.8	14.3
0960	960	167	2.0	4.0	6.1	10.3	15.1
1010	1010	175	2.1	4.2	6.4	10.8	15.9
1060	1060	182	2.2	4.5	6.7	11.4	16.7
1110	1110	190	2.3	4.7	7.0	11.9	17.5
1160	1160	197	2.4	4.9	7.3	12.4	18.2
1210	1210	205	2.5	5.1	7.7	13.0	19.0
1260	1260	212	2.6	5.3	8.0	13.5	19.8
1310	1310	220	2.8	5.5	8.3	14.1	20.6
1360	1360	227	2.9	5.7	8.6	14.6	21.4
1410	1410	235	3.0	5.9	8.9	15.1	22.2

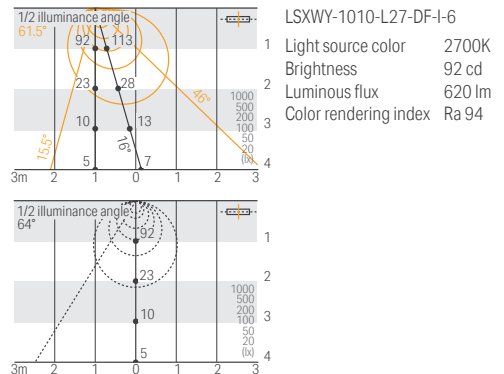
General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length per circuit	6m (2.1W/m, 4.2W/m, 6.4W/m, 10.8W/m) 5m (15.9W/m)
Material (body)	Polycarbonate, Aluminum
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

External dimensions



Light distribution curve

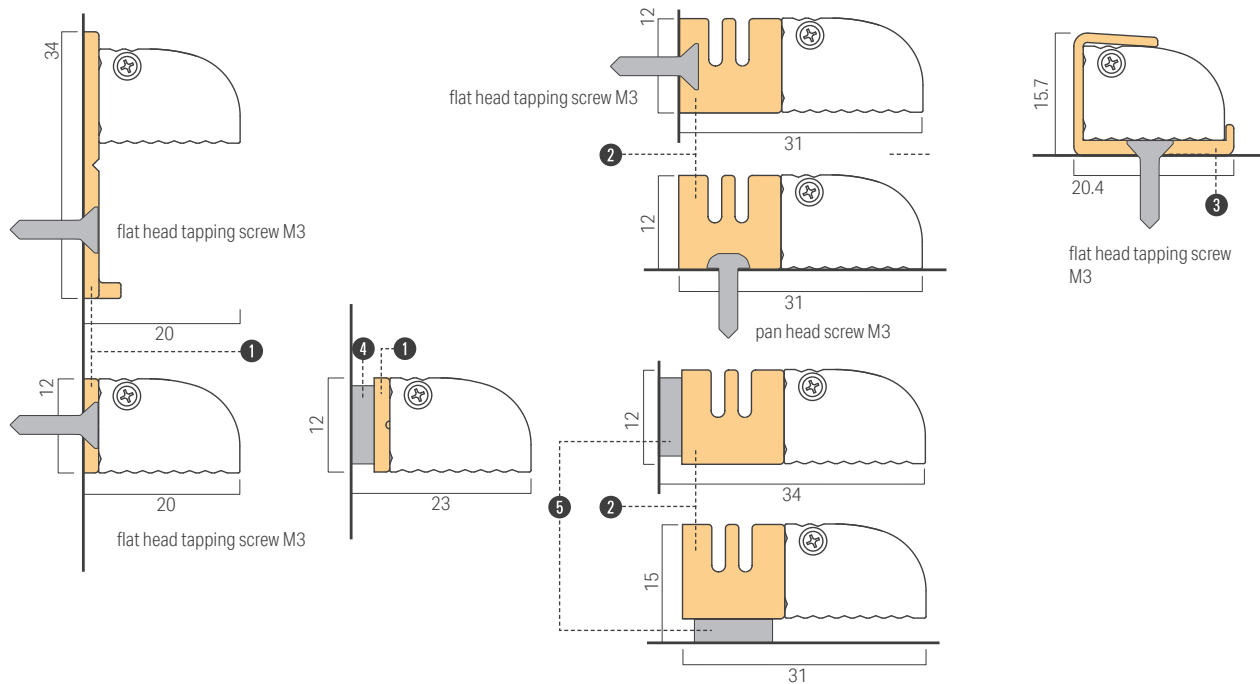


More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view with accessories



Accessories

1 Multiclip K for silux Attachments
 Model No : LSX-PTM-C
 Attached with light fixture
 3 pcs for 760mm or shorter
 5 pcs for 810mm or longer

For extra order
 3 pcs / bag

Recommended no.
 1pcs: Length 0060, 0110
 2pcs: Length 0160 - 0560
 3pcs: Length 0610 - 0810
 4pcs: Length 0860 - 1260
 5pcs: Length 1310 - 1410

2 Liftclip for silux
 Model No : LSX-PTL
 2 pcs / bag

Liftclip is for hiding the connector behind the light fixture. There are two directions of fixing the liftclip.

Recommended no.
 1pcs: Length 0060, 0110
 2pcs: Length 0160 - 0560
 3pcs: Length 0610 - 0810
 4pcs: Length 0860 - 1260
 5pcs: Length 1310 - 1410

3 Outerclip for silux wide
 Model No : LSXW-PT-A
 5 pcs / bag

Recommended number
 1pcs: Length 0060, 0110
 2pcs: Length 0160 - 0560
 3pcs: Length 0610 - 0810
 4pcs: Length 0860 - 1260
 5pcs: Length 1310 - 1410

Outerclip is for the downwards installation.

4 Magnet Set A
 Model No : Model No : MG-A
 5 pcs / bag

Used for installing light fixture with 1 Multiclip clip on metal plate. Metal plate is required by installer.

5 Magnet Set L
 Model No : MG-L
 10 pcs / bag

Used for installing light fixture with 2 Lift clip on metal plate. Metal plate is required by installer.

6 Power supply cable 3M
 Model No : CAD-3000-MCNN-I
 1 pc per circuit for connecting the light fixture to power supply or dimmer driver.

Recommended No. of clips & magnets

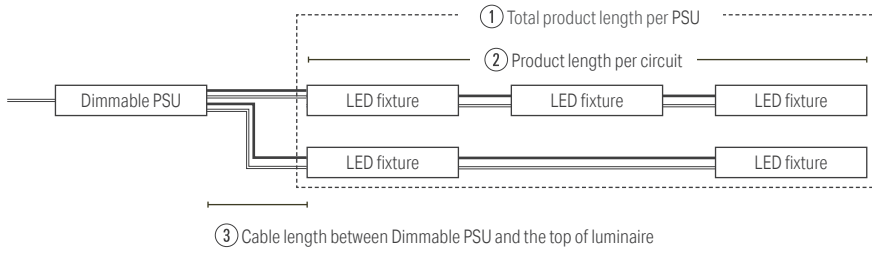
Length	0060-0110	0160-0560	0610-0760	0810-1260	1310-1410	Unit of order
Attachments						
Multi clip	3 pcs	3 pcs	3 pcs	5 pcs	5 pcs	Unit of order
1 Multi clip	1 pcs	2 pcs	3 pcs	4 pcs	5 pcs	3 pcs/bag
4 Magnet set A	1 pcs	2 pcs	3 pcs	4 pcs	5 pcs	5 pcs/bag
2 Lift clip	1 pcs	2 pcs	3 pcs	4 pcs	5 pcs	2 pcs/bag
5 Magnet set L	2 pcs	4 pcs	6 pcs	8 pcs	10 pcs	10 pcs/bag
3 Outer clip	1 pcs	2 pcs	3 pcs	4 pcs	5 pcs	5 pcs/bag

7 Joint cable 1M
 Model No : CAD-1000-MCFC-I
 Joint cable between two light fixtures

LRREY SHINRECTA
 LTHY SHIN-THOF
 LCEY SHIN-Oride
 LCELY SHIN-Oride lens
 LCETHY SHIN-Oride THOF
 LSXY SHIN-silux
 LSXWY SHIN-silux wide
 LRM series RMIT series
 LRMHS RMIT us
 LRMUS RMIT us

Luci SHIN silux® wide

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refer to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refer to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LSXWY-**-DF-I-2	2.1	6	57.1*	42.8*	66.6*	40*	30*	20*	13.3*
LSXWY-**-DF-I-4	4.2	6	28.5*	21.4*	33.3*	20*	15*	10*	6.6*
LSXWY-**-DF-I-6	6.4	6	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3
LSXWY-**-DF-I-10	10.8	6	11.1*	8.3*	12.9*	7.7*	5.8	3.8	2.5
LSXWY-**-DF-I-15	15.9	5	7.9*	5.9*	9.2*	5.5*	4.1	2.7	1.8
			Cross section	0.3sq	0.5sq	0.75sq			
			Wiregauge	AWG22	AWG20	AWG18			
Model No.	Wattage (W/m)	② Max. length per circuit (m)	③ Max. cable length between PSU and the top of luminaire at ② Max. length per circuit (m)						
LSXWY-**-DF-I-2	2.1	6	13	20	32				
LSXWY-**-DF-I-4	4.2	6	6.5	10.5	16.5				
LSXWY-**-DF-I-6	6.4	6	4	7	11				
LSXWY-**-DF-I-10	10.8	6	3	4	7				
LSXWY-**-DF-I-15	15.9	6	1.7	2.8	4.5				

Luci SHIN silux® wide

LRKY
SHINRECTA

LTHY
SHINTHOF

LCEY
SHIN Ceide

LCELY
SHIN Ceide lens

LCETHY
SHIN Ceide THOF

LSXY
SHINSilux

LSXWY
SHIN siluxwide

LRM series
RIMIT series

LRMHS
RIMIT's

LRMIUS
RIMIT'us