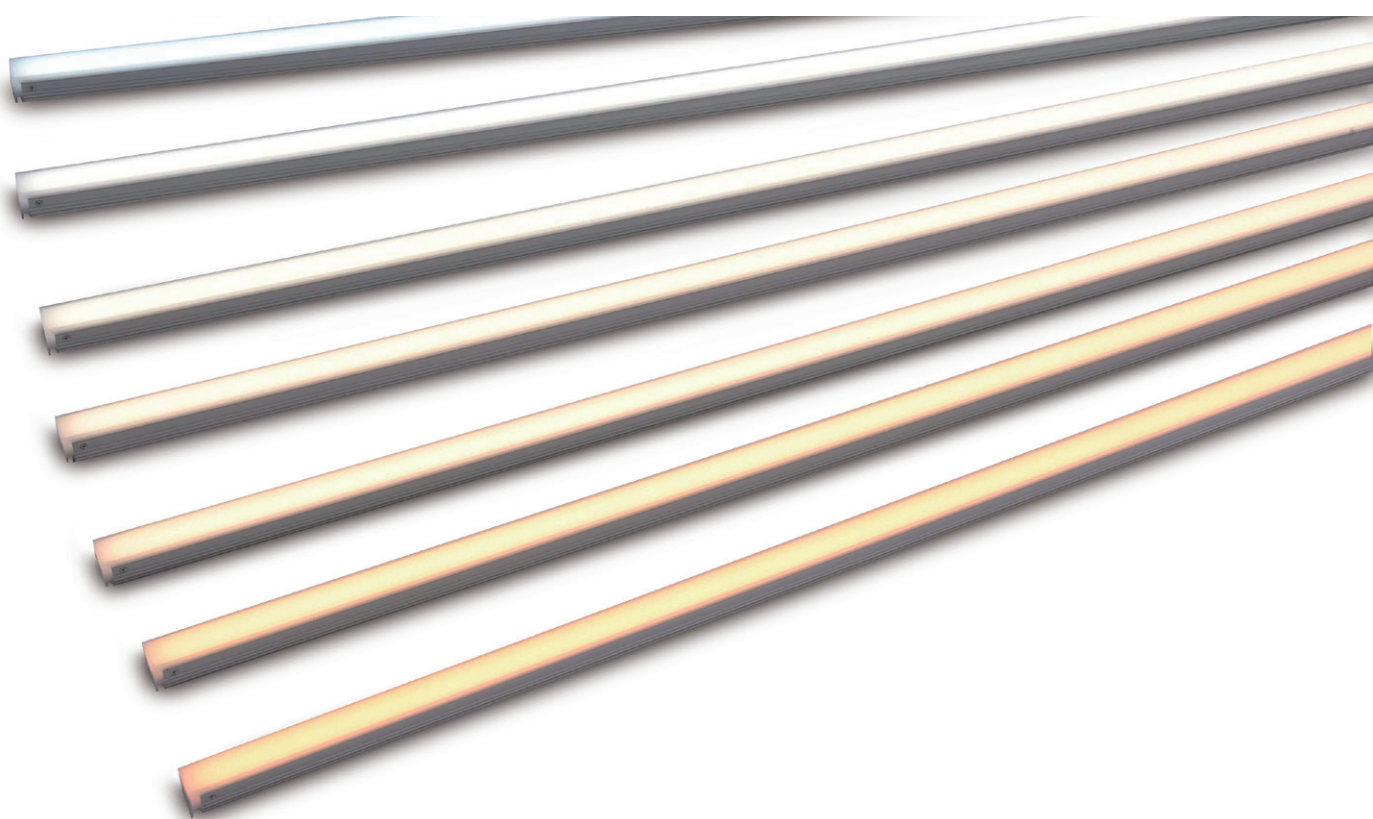


Indoor
Rigid light

LSXK
Luci silux® K



Luci silux® K

LSXK



HIRAKATA T-SITE
Location: JAPAN
Client: SO-TWO,INC
Architect office: Takenaka Corporation
TSUTAYA Interior decoration design: Culture Convenience Club Co., Ltd. Takenaka Corporation

Lighting design: Uchiyama Creative Lighting Design Inc.
Construction: Takenaka Maedagumi Joint Venture
Graphic design: HIROMURA DESIGN OFFICE
Fabric design: Studio Akane Monyama
Photo: Nacasa & Partners Inc.



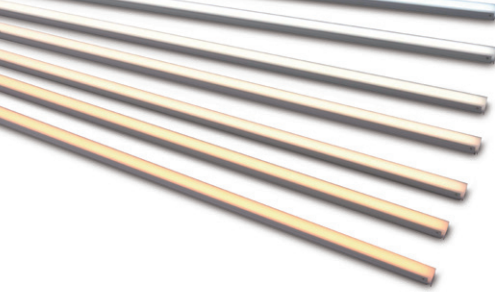
An Apartment at River Valley Road
Location: Singapore
Lighting design: Light Collab(Toh Yah Li & Chua Li Qi)

Construction: U.SAGE
CONTRACTS PTE LTD
Photo: ND Photography



HAPPO-EN
Location: Japan
Architect office: hashimoto yukiyo design studio Inc.

Lighting design: Illumination Of City Environment
Interior construction: Showwa
Lighting construction: Hirose Electric Co., Ltd



Luci silux® K

12×16mm homogeneous square section rigid light
3 different power consumption options to support energy saving project requirement
With various length types and accessories
ideal for various applications such as
recessed mount, shelf and cove light

Specifications

Dimensions

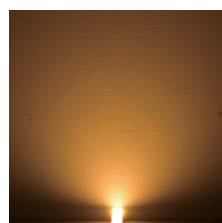
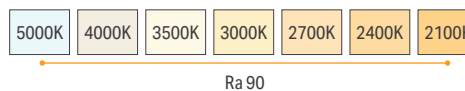
Cross section : W 12xH 14 mm
Length : 10 types of fixed length

1451	1173
1008	823
573	509
388	259
74	

Electrical & Output

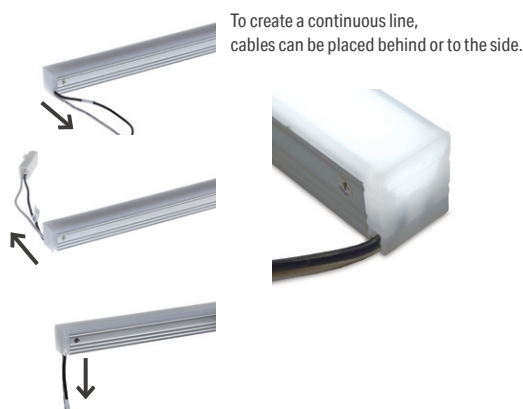
Power Consumption (W/m)	13.3	8.1	4.3
Luminous flux @ 3000K (lm/m)	581	421	199

Color temperature



The square cross-section silux K emits light from the diffused cover, 12 mm on the top and 3 mm on both sides, so the light shines to the corners of the fixtures.

Features



Recessed



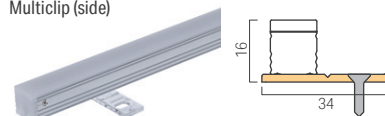
Accessories

Multiclip (bottom)



For recessed/surface mounting
(Included item)

Multiclip (side)



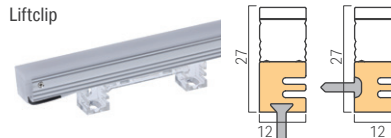
For cove lighting (Included item)
Quick installation as the clip is attached to the LED fixture first, rotated 90° and screwed in from the side of the LED fixture.

Multiclip+Magnet



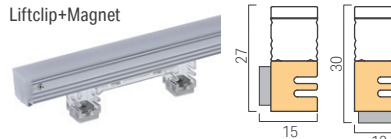
For recessed/surface mounting with magnets
To mount the LED fixture on a metal or steel. Easy attach and detach for maintenance.

Liftclip



For recessed/side mounting
The connectors fit inside the clip.

Liftclip+Magnet



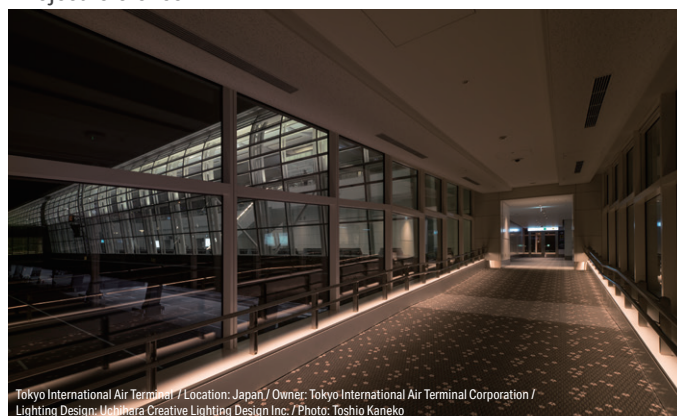
For recessed/side mounting with magnets
To mount the LED fixture on a metal or steel. Easy attach and detach for maintenance.

Outerclip

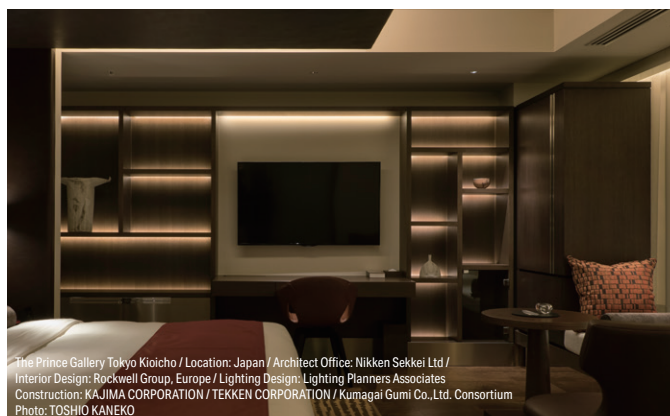


For surface/downward mounting
Easy attach and detach for maintenance.

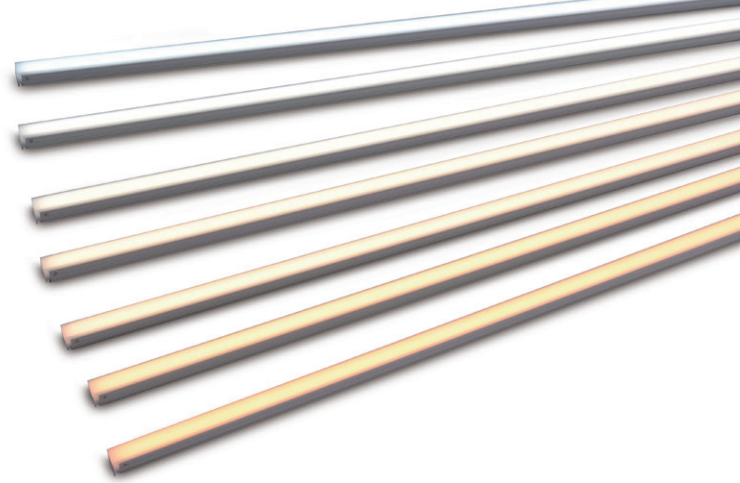
Project reference



Tokyo International Air Terminal / Location: Japan / Owner: Tokyo International Air Terminal Corporation / Lighting Design: Ushihara Creative Lighting Design Inc. / Photo: Toshio Kaneko



The Prince Gallery Tokyo Kioicho / Location: Japan / Architect Office: Nikken Sekkei Ltd / Interior Design: Rockwell Group, Europe / Lighting Design: Lighting Planners Associates Construction: KAJIMA CORPORATION / TEKKEN CORPORATION / Kumagai Gumi Co., Ltd. Consortium Photo: TOSHIO KANEKO

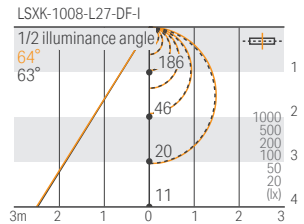


3 years warranty

- Model No.

3

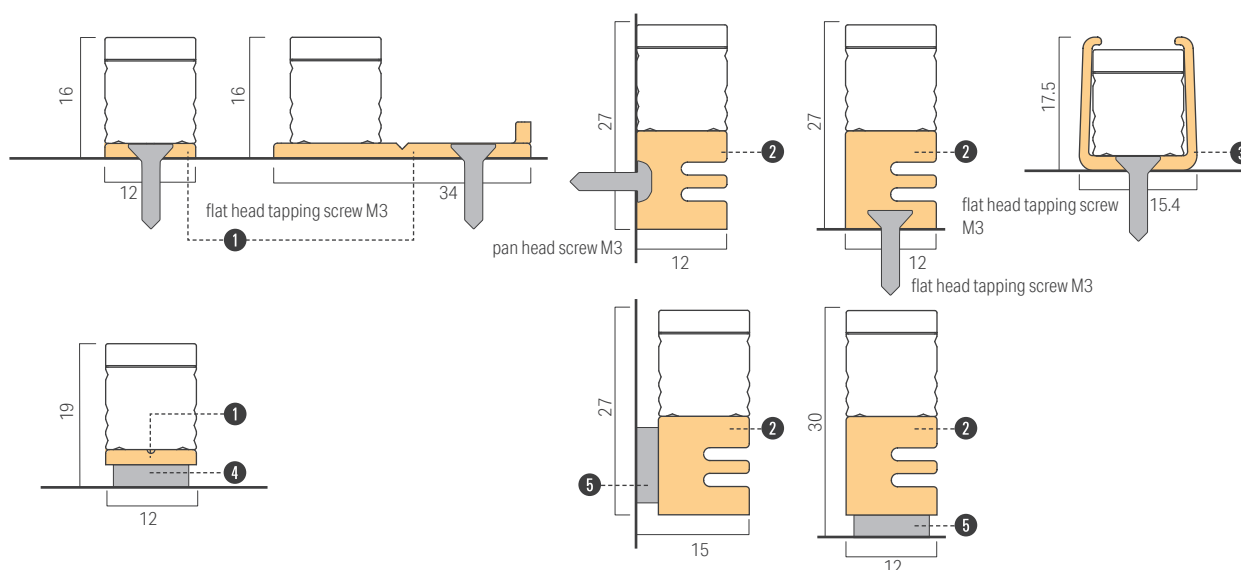
Light Intensity Refer to P.141



Technical drawing of a mechanical component showing four views: rear view, top view, side view, and side view. The dimensions are as follows:

- rear view:** Shows the component from the rear. Dimensions include 9.16 for the top flange, 19 for the main body, (80) for the internal length, L+2 for the total length, (80) for the internal length, and 24.2 for the bottom flange.
- top view:** Shows the component from the top. Dimensions include 9.16 for the top flange, 19 for the main body, (80) for the internal length, L+2 for the total length, (80) for the internal length, and 24.2 for the bottom flange.
- side view:** Shows the component from the side. Dimensions include 9.3 for the top flange, 14 for the main body, and 8.4 for the bottom flange.
- side view:** Shows the component from the side. Dimensions include 12 for the main body and 14 for the bottom flange.

Cross sectional view when installing optional items



Option parts

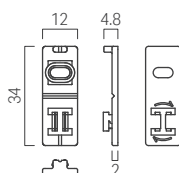
1 Multiclip K for silux Attachment

Model No : LSX-PTM-C

Attached with LED fixture
3 pcs for 702mm or shorter
5 pcs for 823mm or longer

For extra order
3pcs/bag

For magnet installation,
please refer the required number
of clip to the table on P.139.

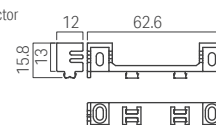


2 Liftclip for silux

Model No : LSX-PTL
2 pcs/1 bag

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

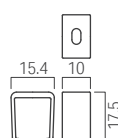
For magnet installation,
please refer the required number
of clip to the table on P.139.



3 Outclip for silux

Model No : LSX-PT-A
5 pcs/1 bag

Outclip is for the downwards
emitting installation.

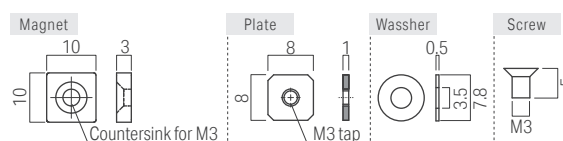


for multiclip installation

4 Magnet Set A

Model No : MG-A
5 pcs/1 bag

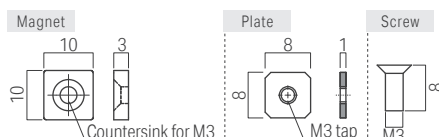
Used for installing LED fixture with 1 Multiclip clip on metal plate.
Metal plate is required by installer.



5 Magnet Set L

Model No : MG-L
10 pcs/1 bag

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

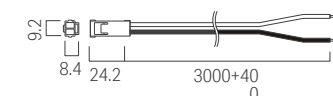


Power supply cable

6 Power supply cable 3M

Model No : CAD-3000-MCNN-I

1 pcs per circuit for connecting the LED fixture
to power supply or dimmer driver.

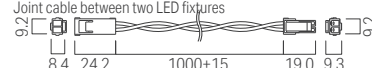


Joint cable

7 Joint cable 1M

Model No : CAD-1000-MCFC-I

Joint cable between two LED fixtures



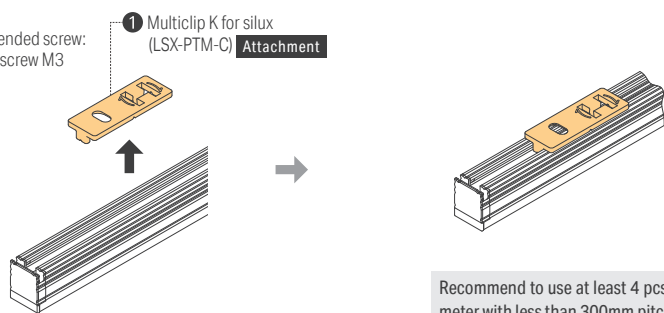
Max. connectable length per power supply

Length of LED fixture (70% loading factor) *: split into multiple circuits			Power supply
13.3 W/m	8.1 W/m	4.3 W/m	50W power supply
~2.6 m	~4.3 m	~8.7 m*	
~5.2 m	~8.7 m*	~17.5 m*	
~7.8 m*	~13.1 m*	~26.2 m*	
			100W power supply
			150W power supply

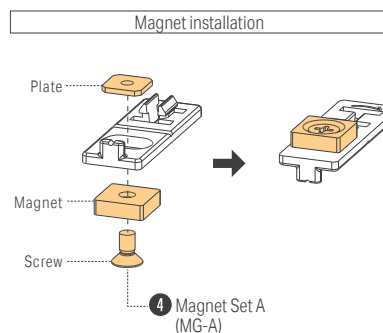
Installing the product

Multiclip K installation: bottom fixing

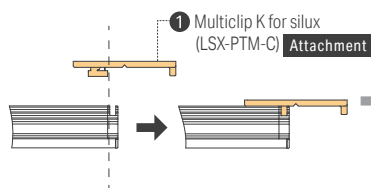
Recommended screw:
flat head screw M3



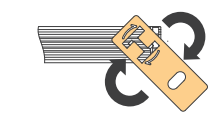
Recommend to use at least 4 pcs per meter with less than 300mm pitch.



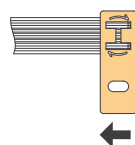
Multiclip K installation: side fixing



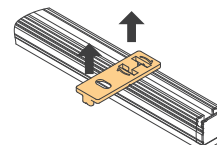
Insert the Multiclip at the spot shown in the above diagram. Ensure click sound when inserting.



Rotate the Multiclip in 90 degrees in the direction as the arrow mark shown on the back of the Multiclip.



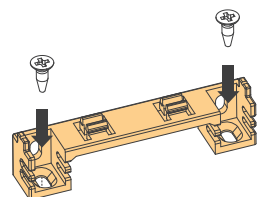
Slide the Multiclip to the desired fixing position.



Use the recommended screws supplied by installer to fix the Multiclip with the LED fixture. (Flat head screws M3 recommended.)

Recommend to use at least 4 pcs per meter with less than 300mm pitch.

Liftclip installation: Standard installation direction

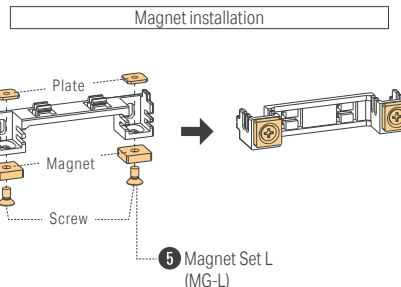


2 Liftclip for silux (LSX-PTL)

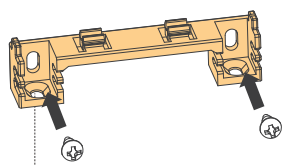
Recommended screw: flat head screw M3

Recommend to use at least 4 pcs per meter with less than 300mm pitch.

Note: different screw type are required for different installation side.



Liftclip installation: Horizontal installation direction

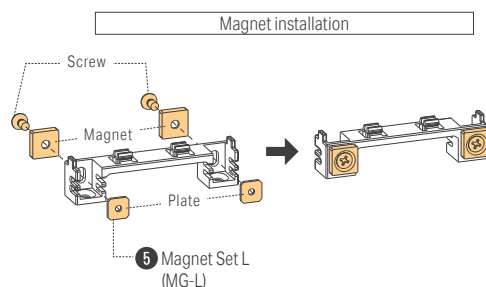


2 Liftclip for silux (LSX-PTL)

Recommended screw: pan head screw M3

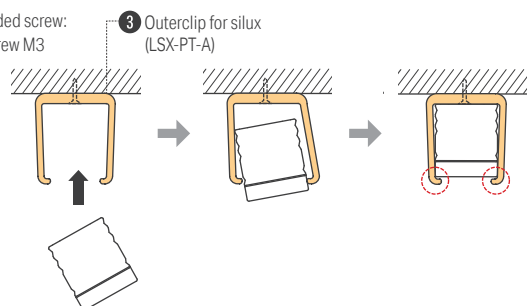
Recommend to use at least 4 pcs per meter with less than 300mm pitch.

Note: different screw type are required for different installation side.



Outerclip installation

Recommended screw:
flat head screw M3

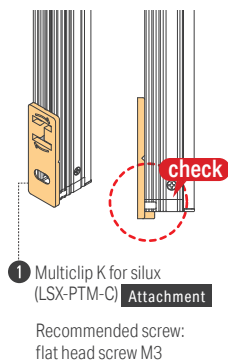


Recommend to use at least 4 pcs per meter with less than 300mm pitch.

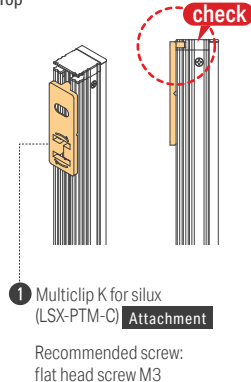
Installing the product

For vertical installation

Bottom



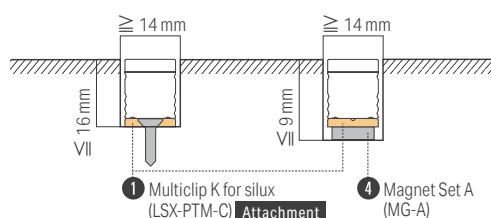
Top



For vertical installation, make sure the top and bottom of LED fixture hook on the edge of the Multiclip K in accordance with the diagram.
Caution: If the weight of the LED fixture is not supported by the edge of the Multiclip, it may slide down and fall.

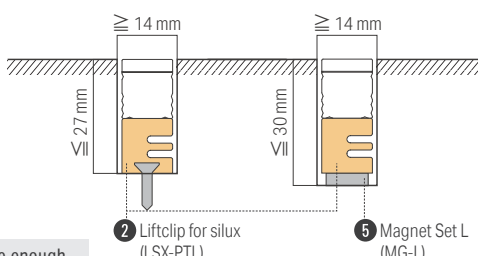
For recessed installation

With Multiclip

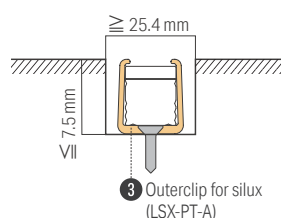


When the LED fixture is recessed on the wall/ceiling/furniture, make enough clearance or consider heat dissipation for releasing the heat of the LED fixture.

With Liftclip



With Outerclip



At least 25.4 mm width of slit shall be provided to allow the outer clip to open when the luminaire is inserted.

Recommended number of Mounting clips and magnets

Fixture length(mm)	1 Attachment multi clip	1 Multi clip	4 Magnet set A	2 Lift clip	5 Magnet set L
74	3 pcs	1 pcs	1 pcs	1 pcs	2 pcs
259	3 pcs	2 pcs	2 pcs	2 pcs	4 pcs
388	3 pcs	2 pcs	2 pcs	2 pcs	4 pcs
509	3 pcs	2 pcs	2 pcs	2 pcs	4 pcs
573	3 pcs	3 pcs	3 pcs	3 pcs	6 pcs
702	3 pcs	3 pcs	3 pcs	3 pcs	6 pcs
823	5 pcs	4 pcs	4 pcs	4 pcs	8 pcs
1008	5 pcs	4 pcs	4 pcs	4 pcs	8 pcs
1137	5 pcs	4 pcs	4 pcs	4 pcs	8 pcs
1451	5 pcs	5 pcs	5 pcs	5 pcs	10 pcs
Unit of order		3pcs/bag	5pcs/bag	2pcs/bag	10pcs/bag

(mm)	
0074	37 74
0259	29.5 200 29.5 259
0388	44.5 300 44.5 388
0509	104.5 300 104.5 509
0573	36.5 250 573 250 36.5
0702	51 300 702 300 51
0823	36.5 250 250 250 36.5 823
1008	84 280 280 280 84 1008
1137	118.5 300 300 300 118.5 1137
1451	125.5 300 300 300 300 125.5 1451

Installing the product

Recommended number of Outer clips

	Fixture length(mm)	③ Outer clip
0074	74	1 pcs
0259	259	2 pcs
0388	388	2 pcs
0509	509	2 pcs
0573	573	3 pcs
0702	702	3 pcs
0823	823	4 pcs
1008	1008	4 pcs
1137	1137	4 pcs
1451	1451	5 pcs
		5pcs/bag

(mm)

0074
37
74

0259
29.5 200 29.5
259

0388
44.5 300 44.5
388

0509
104.5 300 104.5
509

0573
36.5 250 250 36.5
573

0702
51 300 300 51
702

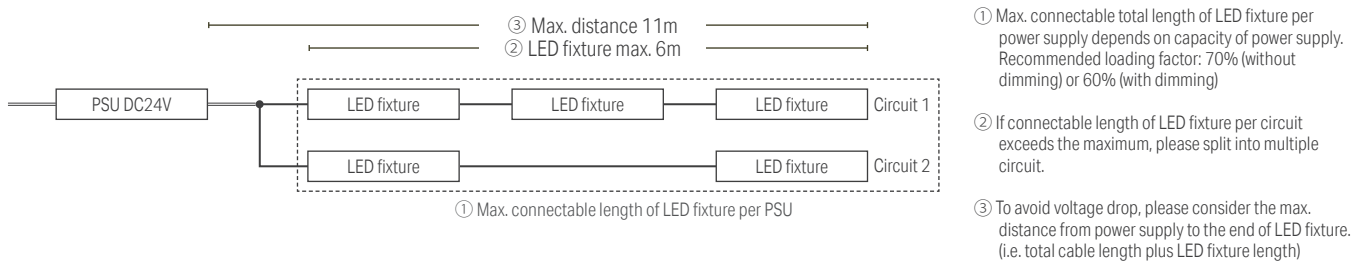
0823
36.5 250 250 250 36.5
823

1008
84 280 280 280 84
1008

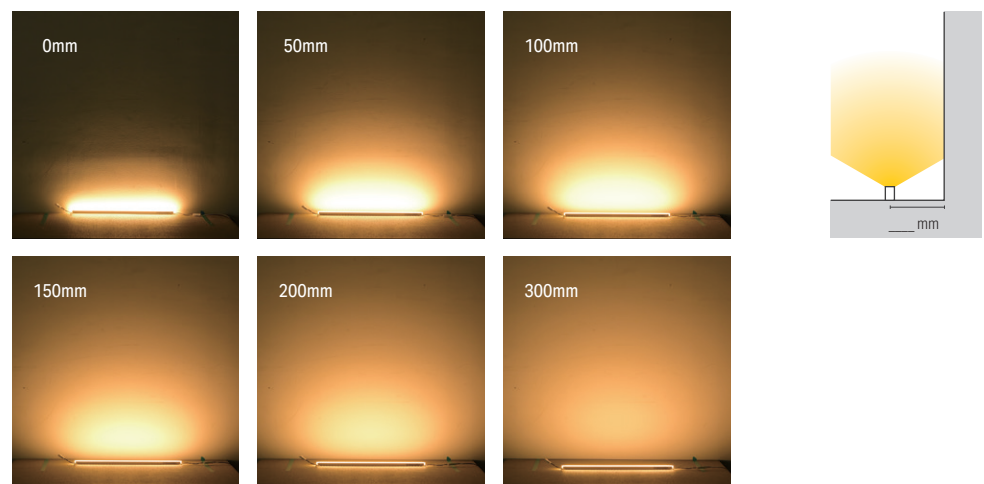
1137
118.5 300 300 300 118.5
1137

1451
125.5 300 300 300 300 125.5
1451

System configuration diagram



Distance from wall



Illuminance data



LSXK-13 Luci silux K

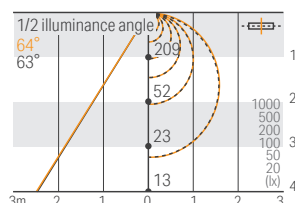
Color temperature

5000K 4000K 3500K 3000K 2700K 2400K 2100K

Direct horizontal surface light intensity distribution chart

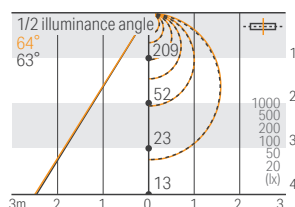
LSXK-1008-N-DF-I-13

Light source color 5000K
Brightness 209 cd
Luminous flux 620 lm
Color rendering index Ra 93



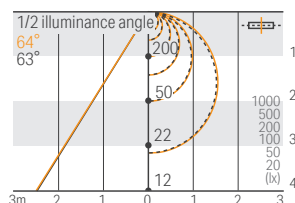
LSXK-1008-W-DF-I-13

Light source color 4000K
Brightness 209 cd
Luminous flux 620 lm
Color rendering index Ra 94



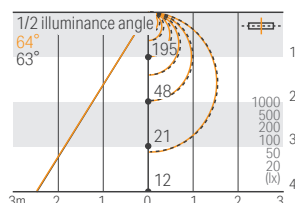
LSXK-1008-WW-DF-I-13

Light source color 3500K
Brightness 200 cd
Luminous flux 594 lm
Color rendering index Ra 94



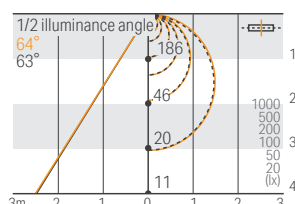
LSXK-1008-L30-DF-I-13

Light source color 3000K
Brightness 195 cd
Luminous flux 581 lm
Color rendering index Ra 93



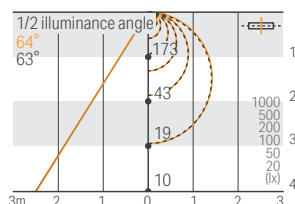
LSXK-1008-L27-DF-I-13

Light source color 2700K
Brightness 186 cd
Luminous flux 554 lm
Color rendering index Ra 93



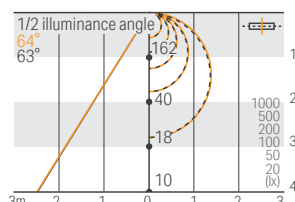
LSXK-1008-L24-DF-I-13

Light source color 2400K
Brightness 173 cd
Luminous flux 515 lm
Color rendering index Ra 94



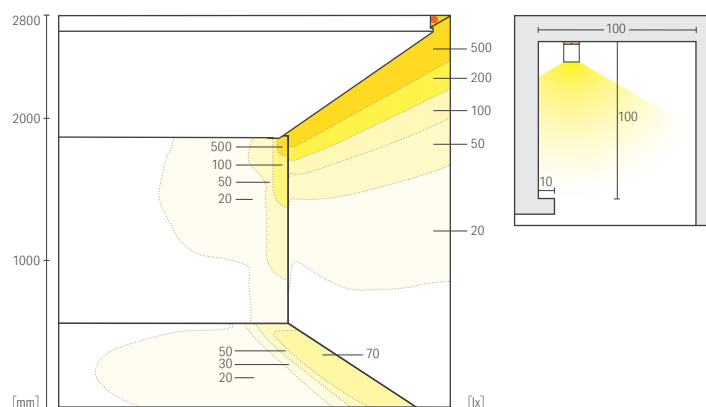
LSXK-1008-L21-DF-I-13

Light source color 2100K
Brightness 179 cd
Luminous flux 483 lm
Color rendering index Ra 90

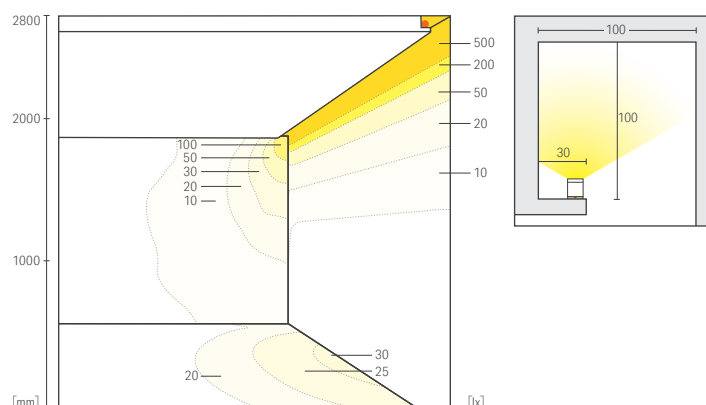


Recommend dimensions and illumination distributions

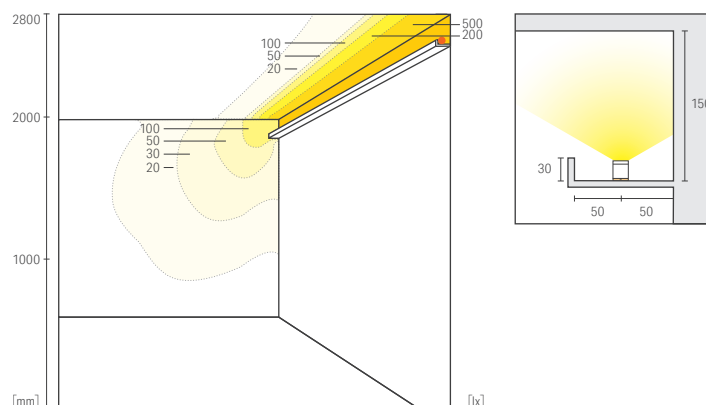
Cornice lighting-1 CH=2800

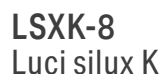


Cornice lighting-2 CH=2800



Cove lighting CH=2800

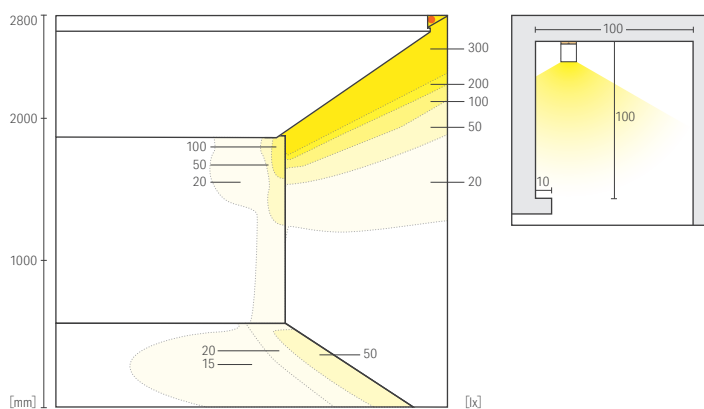




5000K 4000K 3500K 3000K 2700K 2400K 2100K

LSXK-1008-N-DF-I-8

Cornice lighting-1 CH=2800



Illuminance data



LSXK-4 Luci silux K

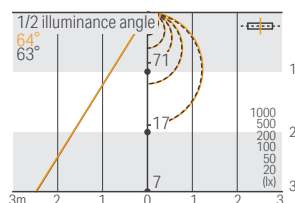
Color temperature

5000K 4000K 3500K 3000K 2700K 2400K 2100K

Direct horizontal surface light intensity distribution chart

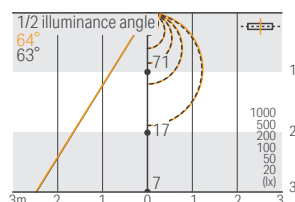
LSXK-1008-N-DF-I-4

Light source color 5000K
Brightness 71 cd
Luminous flux 213 lm
Color rendering index Ra 93



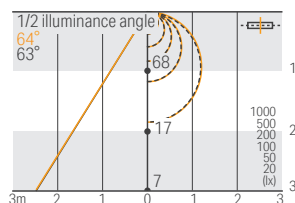
LSXK-1008-W-DF-I-4

Light source color 4000K
Brightness 71 cd
Luminous flux 213 lm
Color rendering index Ra 94



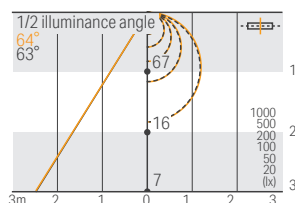
LSXK-1008-WW-DF-I-4

Light source color 3500K
Brightness 68 cd
Luminous flux 204 lm
Color rendering index Ra 94



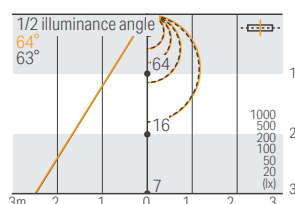
LSXK-1008-L30-DF-I-4

Light source color 3000K
Brightness 67 cd
Luminous flux 199 lm
Color rendering index Ra 93



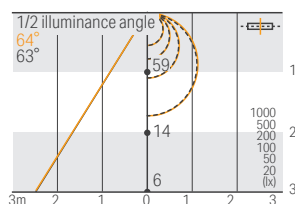
LSXK-1008-L27-DF-I-4

Light source color 2700K
Brightness 64 cd
Luminous flux 190 lm
Color rendering index Ra 93



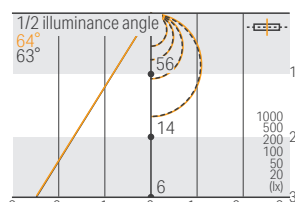
LSXK-1008-L24-DF-I-4

Light source color 2400K
Brightness 59 cd
Luminous flux 177 lm
Color rendering index Ra 94



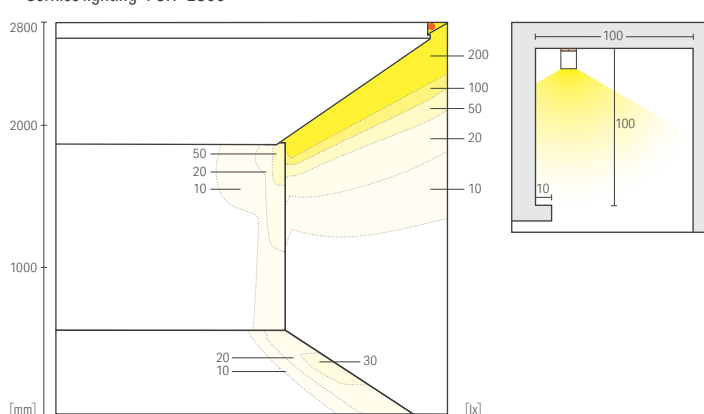
LSXK-1008-L21-DF-I-4

Light source color 2100K
Brightness 56 cd
Luminous flux 166 lm
Color rendering index Ra 90

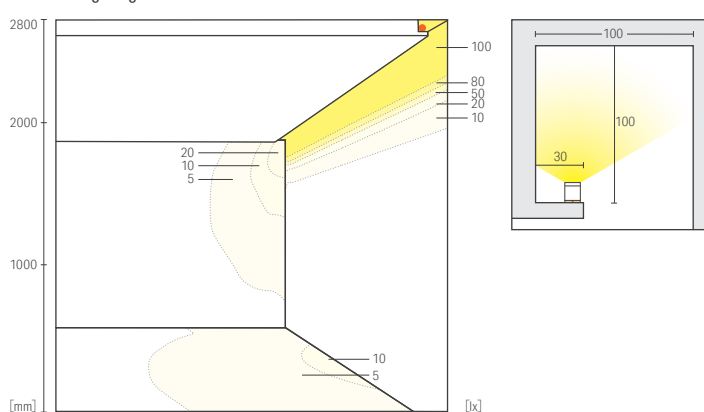


Recommend dimensions and illumination distributions

Cornice lighting-1 CH=2800



Cornice lighting-2 CH=2800



Cove lighting CH=2800

