

Indoor
Strip light

LFTF-I Luci Flat FLEX Indoor



Luci FLEX series

3 years warranty

Top bend



Luci Power FLEX EX

Our next FLEX standard with preferable price

- Renewed to High CRI LED package, >Ra90
- High-energy efficacy achieving up to 92.4lm/W
- 3 steps MacAdam ellipse LED package
- 5 types of wattage and lumen output (18.2W, 12.1W, 9.5W, 6.5W, 4.5W per meter)
- 3 types of LED pitch (15mm, 20mm, 30mm)
- No need to attach aluminum profile for heat sink
- Customized length available up to 5m per roll



Luci Power FLEX Spect C

- High color rendering Ra>96 in 6500K and 5000K
- Ideal for inspection lighting, museum, office lighting
- Covered with soft acrylic tube
- Cuttable every 6 LEDs (125 mm)



Luci Power FLEX THOF

RENEWAL Dynamic White

Dynamic white strip light

- Change atmosphere by tuning the color temperature
- Arrange 2 colors of LED package alternately
- Free choice of two different CCTs from 1900K, 2400K, 2700K, 3000K, 4200K, 5300K and Blue
- Cuttable every 4 LEDs (83.2mm)
- Customized length available up to 5m per roll



Luci Power FLEX

- Short cuttable unit suitable for furniture lighting, and for unpredictable requirements on site (30mm in LFP15, 40mm in LFP20)
- 2 types of wattage (15.4W, 10.5W per meter)
- Customised length available up to 4.5m (LFP15), 5m (LFP20)



Luci Flat FLEX F

- Narrow LED pitch suitable for limited space installation (10mm pitch, 16mm pitch)
- Small section W10mm * H4mm
- 2 types of wattage (3.9W, 2.5W per meter)
- Customized length available up to 5m per roll



Why we use soft acrylic tube

-Maintain high transparency

Silicon is not contained in tube of Luci FLEX series.

Luci original soft acrylic prevents yellowing and preserves the original LED colors.

-High durability

The material properties of the tube for FLEX series are verified with resistant to secular changes such as deformation, discoloration, and deterioration by outdoor weather-resistant test* result.

-Protection against dust and external force

Compared to bare type LED strip, tube type LED strip is superior in terms of protection performance against external force and environmental factors which may cause damage to the circuit board and components.

Side bend



Luci Power FLEX α

High-powered LED strip with bending sideways

- Suitable for curved light trough
- Cuttable every 2 LEDs (40mm)
- Accessory for curved installation



Luci FLEX α F

- Low-powered LED strip with bending sideways
- Side view LED package
- Small bending radius (Min. R 50mm)
- Narrow LED pitch suitable for limited space installation (10mm pitch)
- Small section W4mm * H10mm
- Customized length available up to 5m per roll



	Product Series	Series code	Wattage/m	Lumen/m	CRI	Cuttable unit	Custom order		IP65 available
							Max. length	Diffser Tube	
Top bend	Luci Power FLEX EX LFPEX P.46	LFPEX15	18.2 W/m	1496 lm/m	Ra 93	83.2 mm			
		LFPEX20	12.1 W/m	1016 lm/m	Ra 92	125 mm			
		LFPEX30(9.5W)	9.5 W/m	695 lm/m	Ra 91	166.2 mm	○	5m	○ P.190
		LFPEX30(6.5W)	6.5 W/m	516 lm/m	Ra 93	166.2 mm			
		LFPEX30(4.5W)	4.5 W/m	371 lm/m	Ra 93	166.2 mm			
	Luci Power FLEX Spect C LFPSC P.56	LFPSC20	14.2 W/m	965 lm/m	Ra96	125 mm	N/A	N/A	N/A
	Luci Power FLEX LFP P.60	LFP15	15.4 W/m	790 lm/m	Ra 90	30 mm	○	4.5m	○ P.196
		LFP20	10.5 W/m	563 lm/m		40 mm		5m	
	Luci Power FLEX THOF LFPTH Dynamic White P.68	LFPTH	11 W/m	281 lm/m	Ra 86	83.2 mm	○	5m	N/A
	Luci Flat FLEX F LFTF P.74	LFTF10	3.9 W/m	282 lm/m	Ra 87	62.4 mm	○	5m	○ P.202
		LFTF16	2.5 W/m	176 lm/m		100 mm			
Side bend	Luci Power FLEX α LFPA P.82	LFPA20	10.4 W/m	586 lm/m	Ra 90	40 mm	N/A	N/A	N/A
	Luci FLEX α F LFXF P.88	LFXF10	3.9 W/m	252 lm/m	Ra 71	62.4 mm	○	5m	○ P.208

LFTF



JP Resort Izukogen
Location: Japan
Lighting design: sola associates
Construction: TAISEI CORPORATION
Photo: Yasuyuki Akiba



Hotel Stage
Location: Hong Kong
Interior design: JOPPA
Lighting design: LIGHTLINKS INTERNATIONAL LIMITED



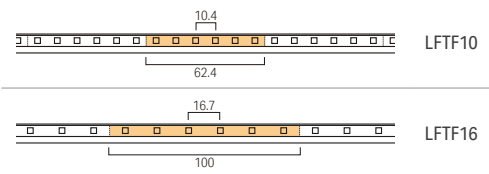
Luci Flat FLEX F

Low power strip light with narrow LED pitch
ideal for cove & joinery lighting.
Transparent soft acrylic tube for high efficiency,
easy installation and maintenance

Specifications

Dimensions

LED pitch and cuttable unit length (mm)



Cross section W 10 x H 4 mm

Standard length 1m with both ends open end wire

Custom order up to 5m lengths at every unit length with both ends or one end feed cable

Cuttable luminaire at site at scissor mark. If a luminaire with a both side feed cable is cut, the left and right sides of the luminaire can be used separately, as if the luminaire were one side feed.

Electrical & Output

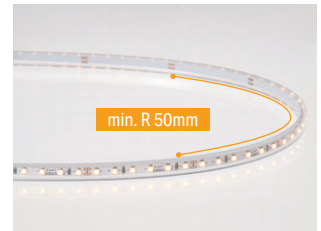
Model	LFTF10	LFTF16
Power Consumption (W/m)	3.9	2.5
Luminous flux @ 3000K (lm/m)	300	187

Color temperature

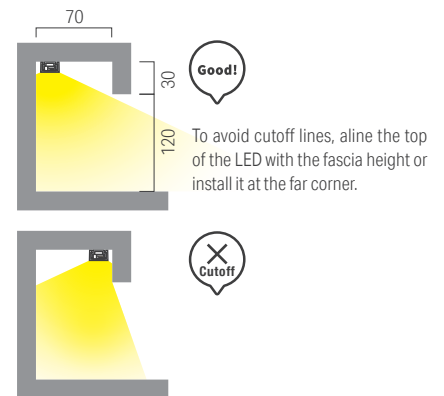


Min Bending radius

R 50mm in top (vertical) bend direction



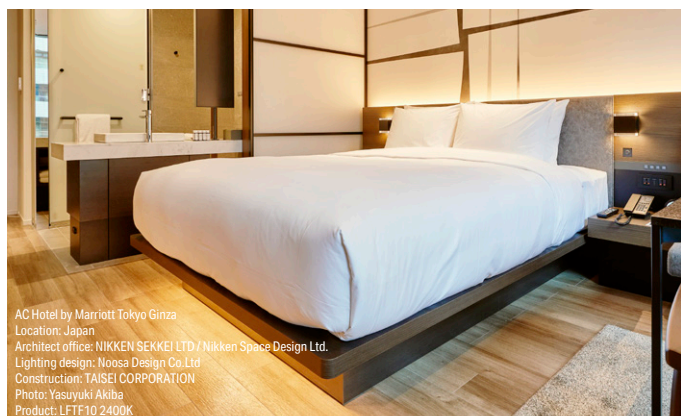
TIPS: Footlight



Project reference



Hotel Stage
Location: Hong Kong
Interior design: JOPPA
Lighting design: LIGHTLINKS INTERNATIONAL LIMITED
Product: LFTF10 2700K



AC Hotel by Marriott Tokyo Ginza
Location: Japan
Architect office: NIKKEN SEKKEI LTD / Nikken Space Design Ltd.
Lighting design: Noosa Design Co.Ltd
Construction: TAISEI CORPORATION
Photo: Yasuyuki Akiba
Product: LFTF10 2400K

LFTF

Color management
ANSI BIN



3 years
warranty

- Narrow LED pitch (10 or 16mm) suitable for limited space installation
- 2 types of wattage and LED pitch (3.9 W/m, 2.5 W/m)
- Customized length available up to 5m per roll



Model No.

LFTF - **T** - - - **I**

Product Name / LED pitch	Length / Lead wire	Light source color	Tube type	Environment
LFTF10 : 10mm pitch	Custom order length P.79	D : Daylight white N : Natural white W : White WW : Warm white 3500K L30 : Warm white 3000K L27 : Warm white 2700K L24 : Warm white 2400K	CL : Clear DF : Diffuser	I : Indoor
LFTF16 : 16mm pitch				
	W : Both ends S : One ends			

Specification @ Clear cover

LED pitch	10mm pitch	16mm pitch
Model No.	LFTF10-T1000W-□-CL-I	LFTF16-T1000W-□-CL-I
Power consumption	3.9W/m	2.5W/m
Fitting length	1010mm	1010mm
Weight	40g	40g
Cutttable unit	62.4mm (6 LED)	100mm (6 LED)
Luminaire efficacy (2700K)	72.3 lm/W	70.4 lm/W
Light source color	○ = Device inventory * = Equivalent * = Please contact us since it is made-to-order products and has MOQ.	
D 7100K Ra94	* 324lm	* -
N 5300K Ra94	* 329lm*	* -
W 4200K Ra90	○ 294lm	○ -
WW 3500K Ra90	○ 305lm	○ -
L30 3000K Ra90	○ 300lm	○ 187lm*
L27 2700K Ra87	○ 282lm	○ 176lm*
L24 2400K Ra83	○ 229lm*	○ 143lm*
L19 1900K	-	-

General Specification

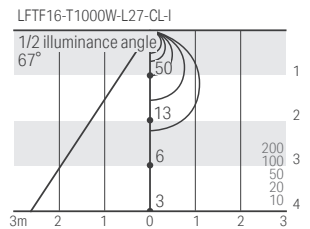
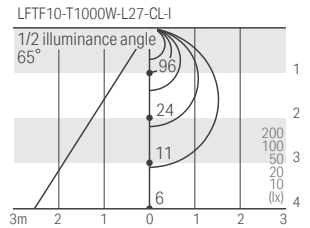
Input voltage	DC24V
LED beam angle	120°
Environment	Indoors (no condensation)
Max. length per circuit	5m
Min. bending range	R50mm
Material (body)	Soft acrylic
Attachment	④ End cap 2pcs
Option parts	① Mounting rail ② ③ Mounting clip ④ End cap ⑤ Magnet
Certification	CE, BIS
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM)
Power Supplies	Required

Max. connectable length per power supply

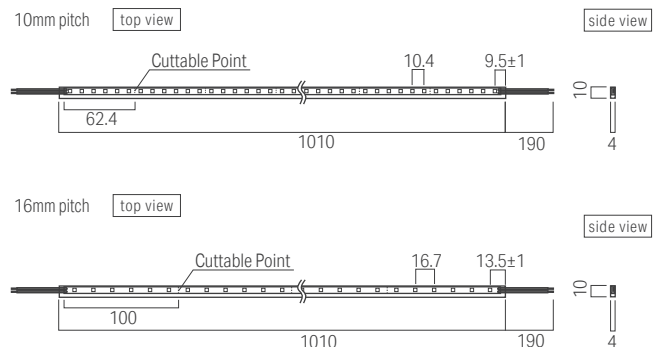
Length of LED fixture (70% loading factor) *: split into multiple circuits		Power supply
10mm pitch	16mm pitch	
~9m*	~14m*	50W power supply
~18m*	~28m*	100W power supply
~27m*	~42m*	150W power supply

Light Intensity

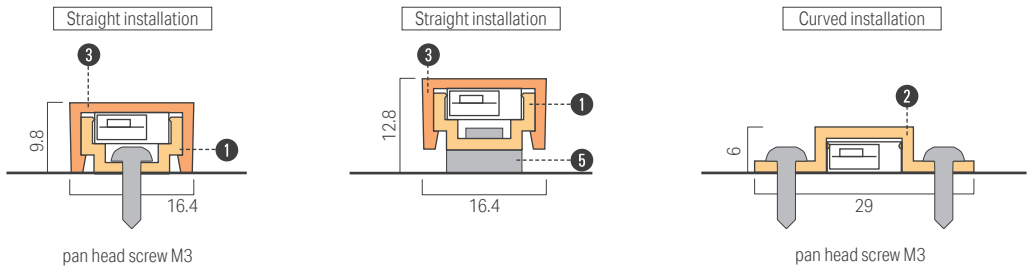
Refer to P.78



External dimensions



Cross sectional view when installing optional items



Option parts

1 Mounting rail 1000 for Flat FLEX
Model No : LFT-RL1000
Material : AES

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

Dimensions: 7.5±0.2, 13.4, 42.5, 200, 200, 85, 200, 200, 42.5, 970±2. Screw hole: $\varnothing 3.5$.

2 Mounting clip for Flat FLEX
Model No : LFT-RC
10 pcs / bag

For curved installation

Screw hole: $\varnothing 4.5$, 10, 9.5, 9.5, 29, 6, 15.

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

Dimensions: 16.4, 7.5, 9.3, 7.5.

4 End cap for α Flat
Model No : LFX-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,
10 pcs / bag

Adhesive for sealing poured into the body. Dimensions: 6, 6.2, 12, 12.3, 10.9, 6.2.

5 Magnet set for rail
Model No : MG-R
4 pcs / bag

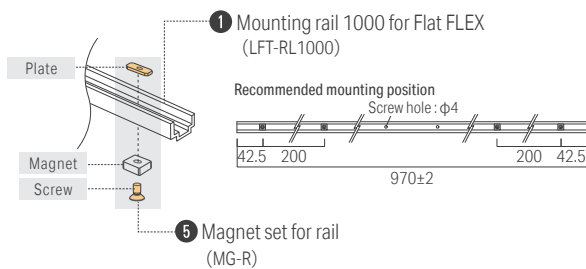
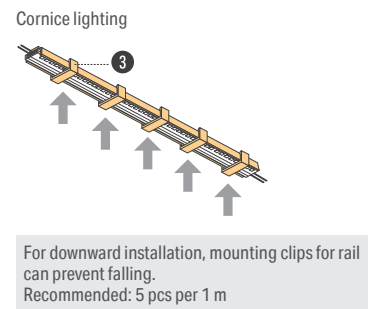
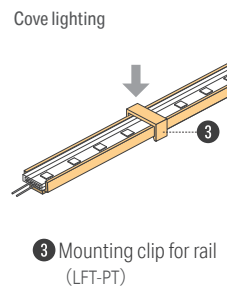
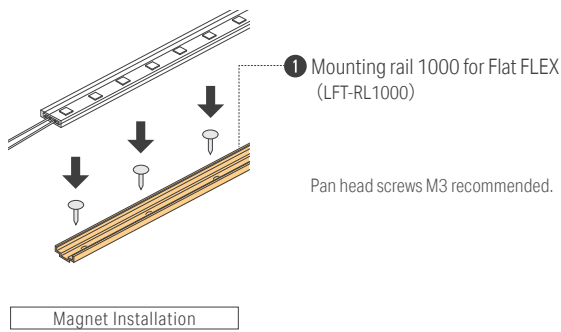
Used for installing LED fixture with mounting rail **1** on metal plate.
Metal plate is required by installer.

Parts: Magnet (10x10, 3), Plate (12x12, 1, 5.8, M3 tap), Screw (M3, 5). Countersink for M3.

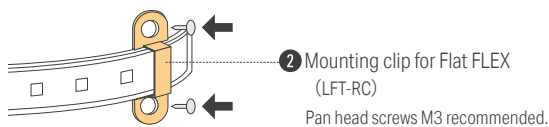
Luci Flat FLEX F

Installing the product

Straight installation



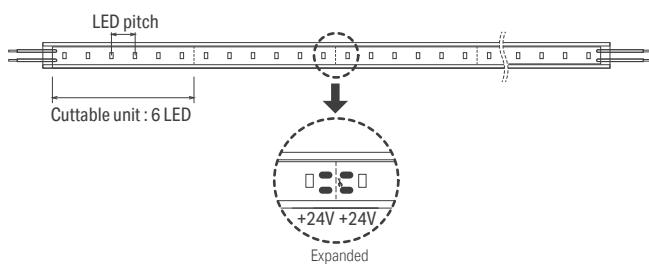
Curved installation



Minimum bending radius



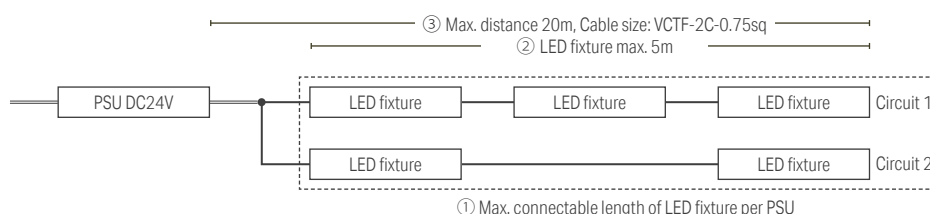
Cutting of lamp fitting



The cuttable unit of Luci Flat FLEX F is 6 LEDs.

Cutting the LED fixture at the wrong point may cause failure or a non-lit. End caps are required to seal the open end of the LED fixture after cutting. Acrylic adhesive is recommended. Do not solder cables to the circuit board of the cut LED fixture.

System configuration diagram



- Max. connectable total length of LED fixture per power supply depends on capacity of power supply. Recommended loading factor: 70% (without dimming) or 60% (with dimming)
- If connectable length of LED fixture per circuit exceeds the maximum, please split into multiple circuit.
- To avoid voltage drop, please consider the max. distance from power supply to the end of LED fixture. (i.e. total cable length plus LED fixture length)

Luci Flat FLEX F Indoor -Custom order-

Model No.

LFTF - T - - |

LED Pitch

Length

Lead Wire

Light source color

Tube type

Environment

10

10mm Pitch

16

16mm Pitch

Refer to
"Custom order
products size"

W

Both ends lead wire

S

One end lead wire

D

Daylight white

7100K

N

Natural white

5300K

W

White

4200K

WW

Warm white 3500K

3500K

L30

Warm white 3000K

3000K

L27

Warm white 2700K

2700K

L24

Warm white 2400K

2400K

CL

Clear

DF

Diffuser

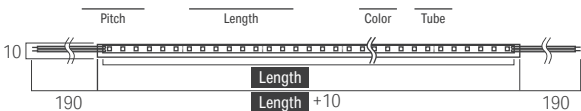
I

Indoor

External dimension

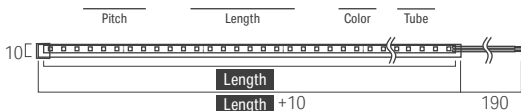
Luci Flat FLEX F Indoor / W Both ends lead wire

LFTF - T W - - - I



Luci Flat FLEX F Indoor / S One end lead wire

LFTF - T S - - - I



- The lead wires are delivered without connectors. Contact us if indoor connectors are needed.

Custom order products size

Luci Flat FLEX F 10mm pitch (3.9 W/m)				
Corresponds to Length of Model No. and External dimensions				
0063	1063	2063	3063	4063
0125	1125	2125	3125	4125
0188	1188	2188	3188	4188
0250	1250	2250	3250	4250
0313	1313	2313	3313	4313
0375	1375	2375	3375	4375
0438	1438	2438	3438	4438
0500	1500	2500	3500	4500
0563	1563	2563	3563	4563
0625	1625	2625	3625	4625
0688	1688	2688	3688	4688
0750	1750	2750	3750	4750
0813	1813	2813	3813	4813
0875	1875	2875	3875	4875
0938	1938	2938	3938	4938
1000	2000	3000	4000	5000

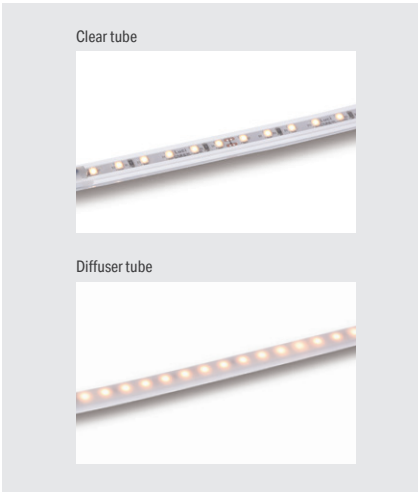
Luci Flat FLEX F 16mm pitch (2.5 W/m)				
Corresponds to Length of Model No. and External dimensions				
0100	1100	2100	3100	4100
0200	1200	2200	3200	4200
0300	1300	2300	3300	4300
0400	1400	2400	3400	4400
0500	1500	2500	3500	4500
0600	1600	2600	3600	4600
0700	1700	2700	3700	4700
0800	1800	2800	3800	4800
0900	1900	2900	3900	4900
1000	2000	3000	4000	5000

Color temperature of diffuser tube type

Nominal light source color temperature(clear tube)		Color temperature through diffuser tube *1
D	7100 K	5200 K
N	5300 K	4400 K
W	4200 K	3700 K
WW	3500 K	3000 K
L30	3000 K	2700 K
L27	2700 K	2400 K
L24	2400 K	2100 K

*1:

The optical data provided above is for reference only. Due to the tolerances of the production process, values for color temperature can vary ±10%. The lumen output value of the diffuser tube type is 20~30% less than the clear tube type.





LFTF10 Luci Flat FLEX 10mm pitch

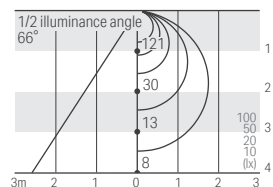
Color temperature

7100K 5300K 4200K 3500K 3000K 2700K 2400K

Direct horizontal surface light intensity distribution chart

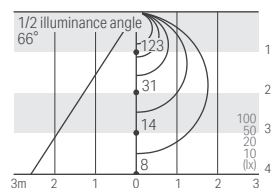
LFTF10-T1000W-D-CL-I

Light source color 7100K
Brightness 121 cd
Luminous flux 324 lm
Color rendering index Ra 94



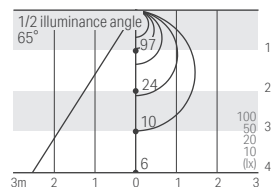
LFTF10-T1000W-N-CL-I

Light source color 5300K
Brightness 123 cd
Luminous flux 329 lm
Color rendering index Ra 94



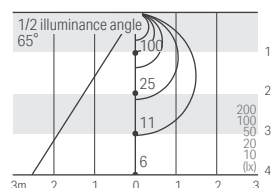
LFTF10-T1000W-W-CL-I

Light source color 4200K
Brightness 97 cd
Luminous flux 294 lm
Color rendering index Ra 90



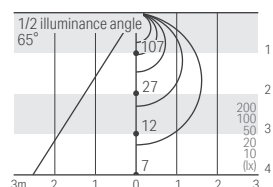
LFTF10-T1000W-WW-CL-I

Light source color 3500K
Brightness 100 cd
Luminous flux 305 lm
Color rendering index Ra 90



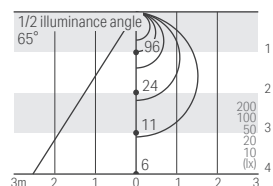
LFTF10-T1000W-L30-CL-I

Light source color 3000K
Brightness 107 cd
Luminous flux 300 lm
Color rendering index Ra 90



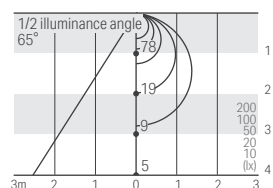
LFTF10-T1000W-L27-CL-I

Light source color 2700K
Brightness 96 cd
Luminous flux 282 lm
Color rendering index Ra 87



LFTF10-T1000W-L24-CL-I

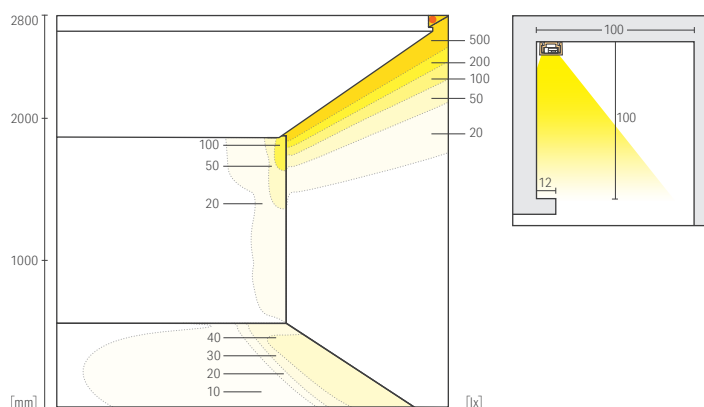
Light source color 2400K
Brightness 78 cd
Luminous flux 229 lm
Color rendering index Ra 83



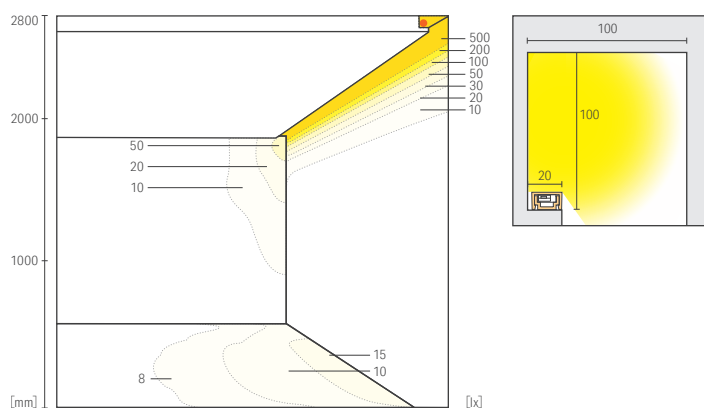
Recommend dimensions and illumination distributions

@2700K

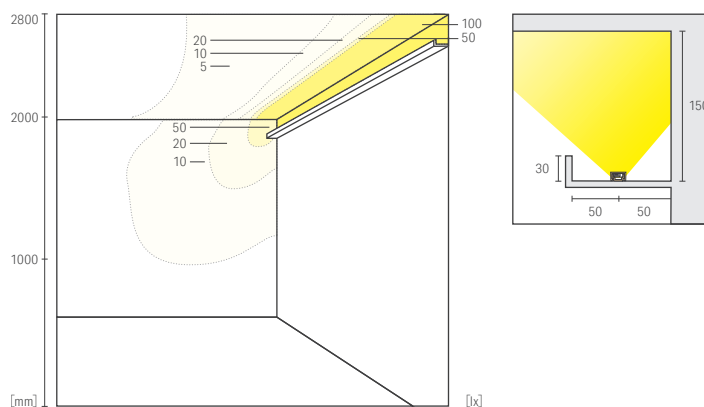
Cornice lighting-1 CH=2800



Cornice lighting-2 CH=2800



Cove lighting CH=2800



Illuminance data



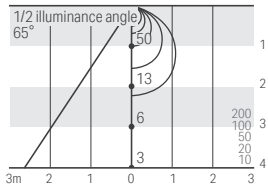
LFTF16
Luci Flat FLEX 16mm pitch

Color temperature
7100K 5300K 4200K 3500K 3000K 2700K 2400K

Direct horizontal surface light intensity distribution chart

LFTF16-T1000W-L30-CL-I

Light source color 3000K
Brightness 50 cd
Luminous flux 187 lm
Color rendering index Ra 90



LFTF16-T1000W-L27-CL-I

Light source color 2700K
Brightness 50 cd
Luminous flux 176 lm
Color rendering index Ra 87

