

Indoor Rigid Light

LCEL

Luci Creide[®] lens Indoor

Color management
MacAdam 3 step



"Luci Creide[®] lens" is a cove lighting for narrow spaces which focuses on beam angles and stretch of light. The fixture design is based on compact cross-sectional size and basic specification of "Luci Creide[®]". Special intensive luminous distribution by linear lens between LED and diffused cover creates an extended and smooth gradation of light.

- 5 color variations
- 6 length variations

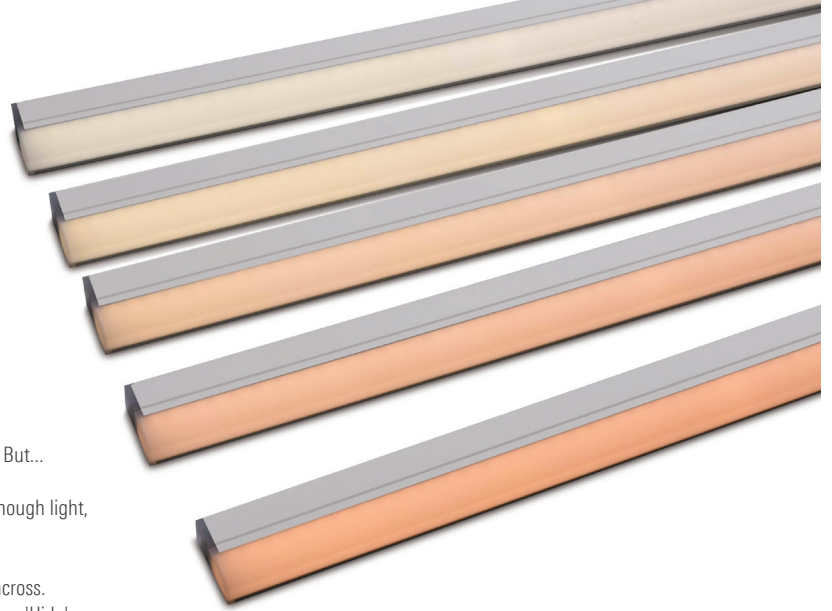
Indoor Rigid Light

LCEL / LCEF

Luci Creide[®] series

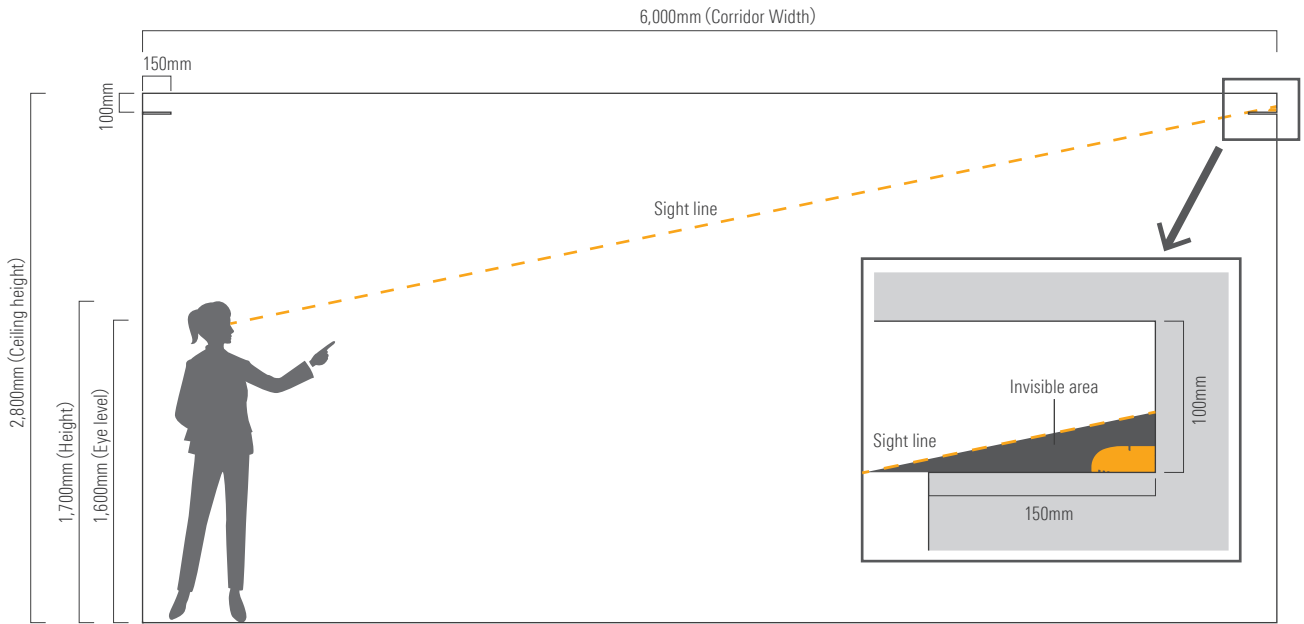


Exhibition [The Next Simplicity]
Location: JAPAN
Organizer: Spain Trade and Investment Authority ICEX,
Embassy of Spain Economic and Commerce Department
Architect office: happenstance collective [Haco]
Lighting design: happenstance collective [Haco]
Construction: OLIVER CORPORATION
Photo: ©YUKI KATO



The concept is 'Hide'.

Don't want to see the product's body, but want enough light from cove lighting! But... In interior designing of cove lighting, we have difficulty hiding the light source. Basically, the ceiling height is limited. For hiding the light source and keeping enough light, considering the construction, about 300 mm distance is needed between ceiling place to the top of shield... Creide is the product which can solve such problems constructors might come across. This is because it is a product which is produced after thinking out a simple theme 'Hide'.

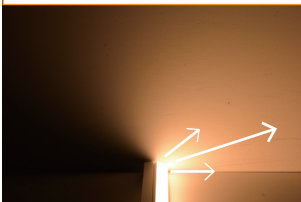


Luci Creide® lens

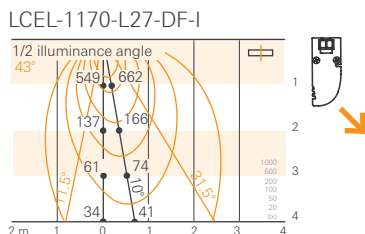
"Luci Creide® lens" is a cove lighting for narrow spaces which focuses on beam angles and stretch of light. The fixture design is based on compact cross-sectional size and basic specification of "Luci Creide®" Special intensive luminous distribution by linear lens between LED and diffused cover creates an extended and smooth gradation of light.



Light can stretch up to 3m, achieving an impressive effect on the illuminated surface.



Yamato building (y gion)
Location: JAPAN
Architect office: everedge Inc.
Lighting Design: ModuleX Inc.
Construction: Heian Kensetsu Kogyo
Photo: Mitsuru wakabayashi

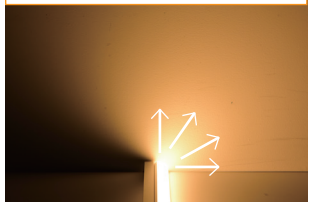


Luci Creide® F

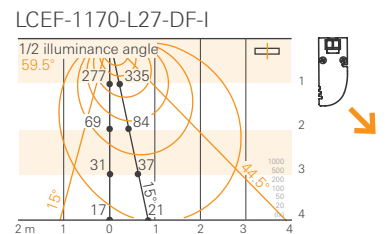
Ideal cove lighting product hidden without shield and for the cove lighting whose space is limited.



Ideal cove lighting product hidden without shield and for the cove lighting whose space is limited



Hotel Asia Center of Japan
Location: Japan
Architect office: Fukuoka Urban Laboratory LLC + SHOWA Interior & Facilities Industry CO., LTD.
Lighting Design, Construction: SHOWA Interior & Facilities Industry CO., LTD.



Color management
MacAdam 3 step



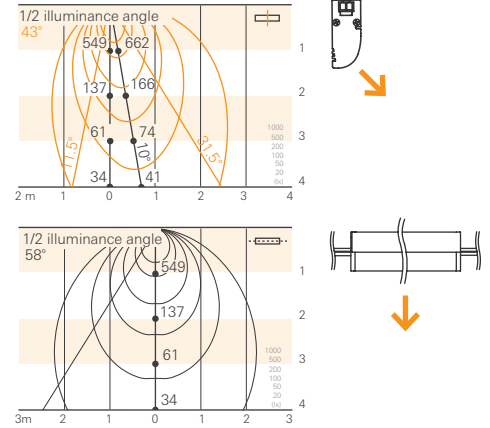
Model No.

LCEL - * - * - DF - I

Product Name	Length	Light source color	Cover Type	Environment
LCEL	0150 0300 0510 0880 1170 1460	W : White WW: Warm white 3500K L30 : Warm white 3000K L27 : Warm white 2700K L24 : Warm white 2400K	DF : Diffuser	I : Indoors

Light Intensity

LCEL-1170-L27-DF-I



Specification

Length	0150	0300	0510	0880	1170	1460
Model No.	LCEL-0150-* -DF-I	LCEL-0300-* -DF-I	LCEL-0510-* -DF-I	LCEL-0880-* -DF-I	LCEL-1170-* -DF-I	LCEL-1460-* -DF-I
Power consumption	3.0W	6.0W	10.6W	18.1W	24.2W	30.2W
Fitting length(L)	151mm	300mm	510mm	880mm	1169mm	1459mm
Weight	79g	151g	240g	420g	558g	712g
Luminaire efficacy(2700K)	59.7 lm/W	59.7 lm/W	59.7 lm/W	59.7 lm/W	59.7 lm/W	59.7 lm/W

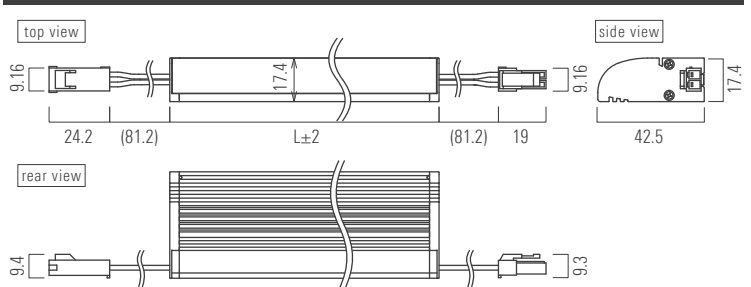
Light source color	○ = Device inventory * = Equivalent					
D 7100K	-	-	-	-	-	-
N 5000K	-	-	-	-	-	-
W 4000K Ra92	○ 190 lm	○ 381 lm	○ 668 lm	○ 1145 lm	○ 1527 lm	○ 1908 lm
WW 3500K Ra93	○ 184 lm	○ 369 lm	○ 646 lm	○ 1108 lm	○ 1477 lm	○ 1847 lm
L30 3000K Ra94	○ 178 lm	○ 357 lm	○ 625 lm	○ 1071 lm	○ 1428 lm	○ 1785 lm
L27 2700K Ra93	○ 172 lm	○ 344 lm	○ 603 lm	○ 1034 lm	○ 1379 lm	○ 1724 lm
L24 2400K Ra93	○ 160 lm	○ 320 lm	○ 560 lm	○ 960 lm	○ 1280 lm	○ 1600 lm
L19 1900K	-	-	-	-	-	-

Specification may be subject to change without announcement. The optical data provided on the each product pages are for reference only; the data values are not guaranteed. Please use as reference materials for your planning.

General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length per circuit	5m
Material (body)	Polycarbonate, Aluminum
Attachments	① Mounting clip 1pcs for 150mm 2pcs for 300mm and 510mm 3pcs for 880mm and 1170mm 4pcs for 1460mm
Option parts	① Mounting clip ② Outer Clip ③④ Magnet set ⑤ Power supply cable ⑥ Joint cable
Certification	-
Dimmable	○
Power Supplies	Required

External dimensions



Max. connectable length per power supply

Length of LED fixture (70% loading factor) *: split into multiple circuits	Power supply
~1.6m	50W power supply
~3.5m	100W power supply
~5.3m*	150W power supply

Optional parts

1 Mounting clip A for Creide Attachment Option Parts

Model No : LCE-PT-A

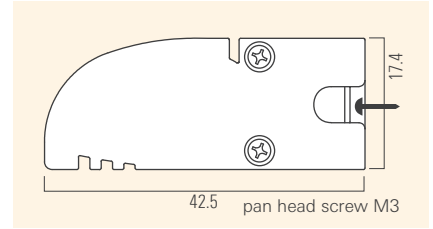
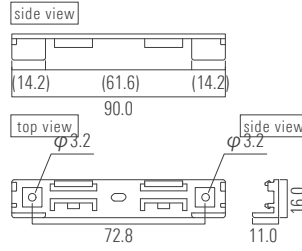


Attachment

- 1 pcs for 150 mm
- 2 pcs for 300 mm and 510 mm
- 3 pcs for 880 mm and 1170 mm
- 4 pcs for 1460 mm

Option Parts

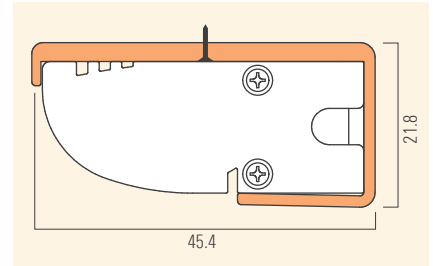
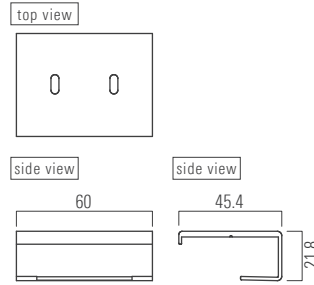
2 pcs/1 bag



2 Outer clip for Creide Option Parts

Model No : LCE-PT-B

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

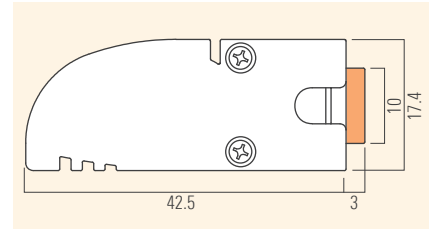
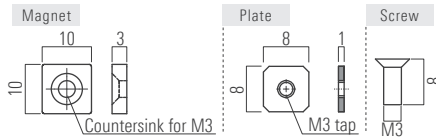


3 Magnet Set L Option Parts

Model No : MG-L
10 pcs/1 bag



for Mounting clip A installation
Used for installing LED fixture on metal plate. Metal plate is required by installer.
Not available for Air Freight shipping.

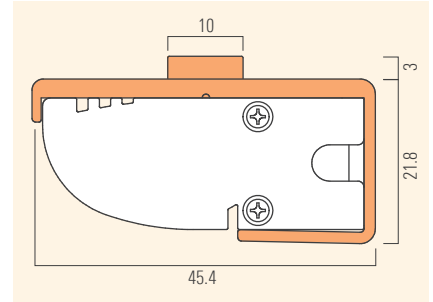
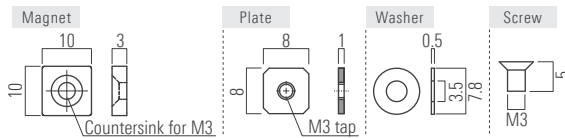


4 Magnet Set A Option Parts

Model No : MG-A
5 pcs/1 bag



for Outer clip installation
Used for installing LED fixture on metal plate. Metal plate is required by installer.
Not available for Air Freight shipping.

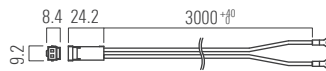


5 Power supply cable 3M Option Parts

Model No : CAD-3000-MCRN-I



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



6 Joint cable 1M Option Parts

Model No : CAD-1000-MCFC-I



Joint cable between two LED fixtures



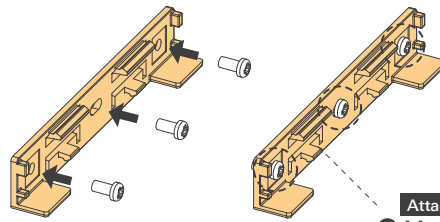
Installing the product

For horizontal installation

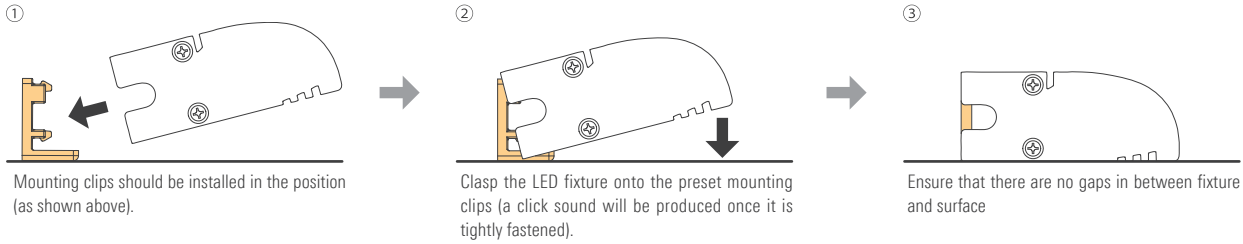
Mounting clip A installation: behind fixing

Mounting clips should be preset to the installation spot with screws supplied by installer. (Pan head screws M3 recommended.)

Recommended interval of the mounting clip: not more than 380 mm, at least 3 pcs per meter. Secure 1 mounting clip with 3 screws. Be careful when removing fixture from mounting clips to not cause any damage on the clips.



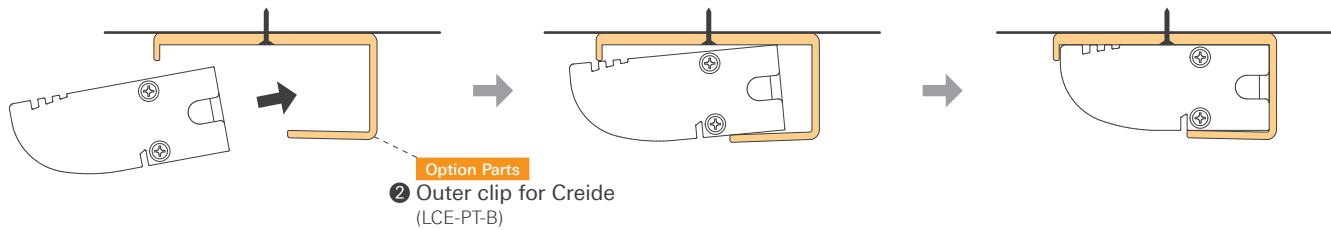
Attachments Option Parts
1 Mounting clip A for Creide (LCE-PT-A)



Outer clip installation

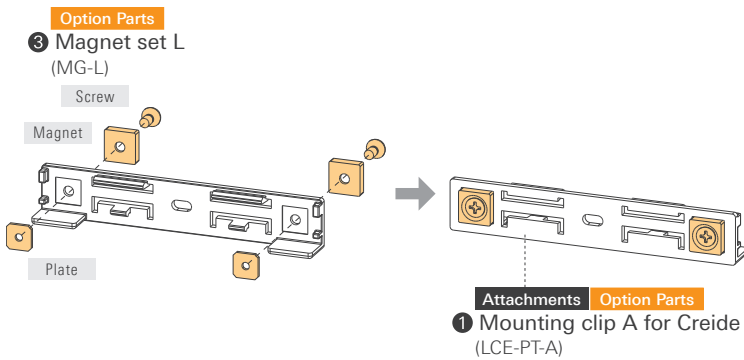
The Outerclip should be preset on the installation spot with screws supplied by installer. (Flat head screws M3 recommended.)

Tilt and insert the LED fixture into the Outerclip. Make sure the LED fixture fit in the Outerclip.



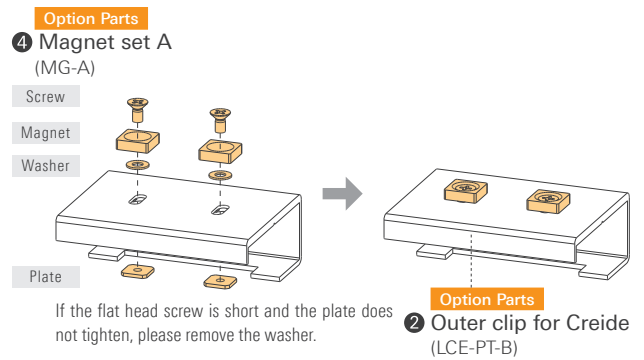
Option Parts
2 Outer clip for Creide (LCE-PT-B)

Magnet installation for Mounting clip A



Attachments Option Parts
1 Mounting clip A for Creide (LCE-PT-A)

for Outer clip



Option Parts
2 Outer clip for Creide (LCE-PT-B)

For vertical installation

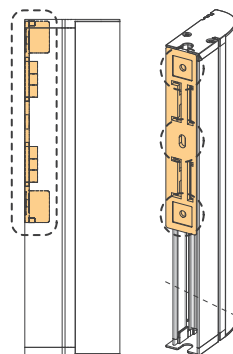
Mounting clip A installation: behind fixing

For vertical installation, make sure the LED fixture hook on the edge of the mounting clip in accordance to the diagram.

Caution: If the weight of the LED fixture is not supported by the edge of the mounting clip, it may slide down and fall.

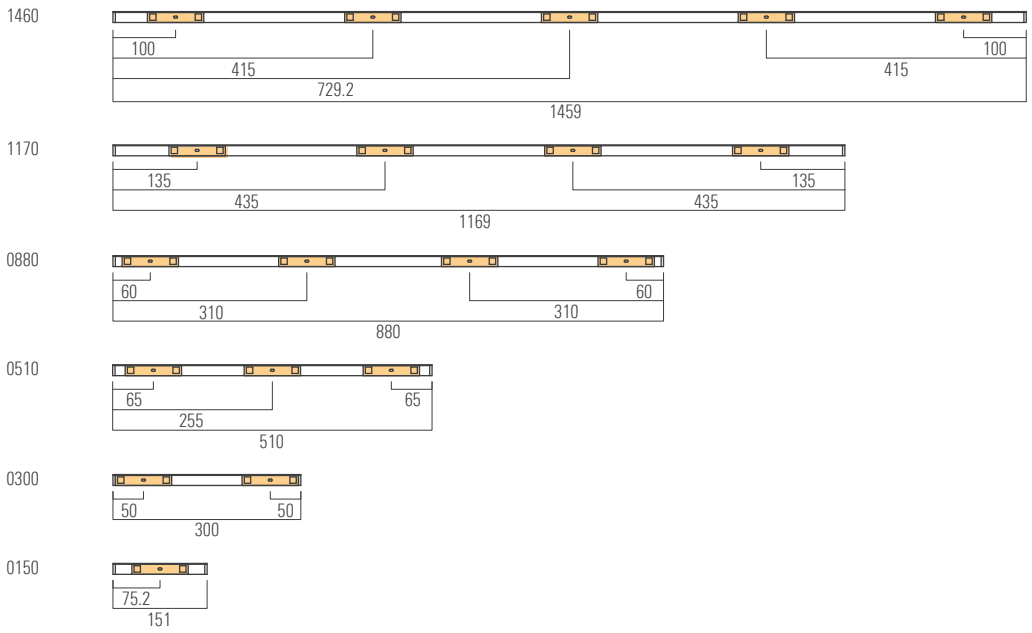
Secure 1 mounting clip with 3 screws

Caution: If using only 1 or 2 screws, the LED fixture may fall since the holding force is not enough.



Attachments Option Parts
1 Mounting clip A for Creide (LCE-PT-A)

Recommended mounting clip numbers for magnet installation



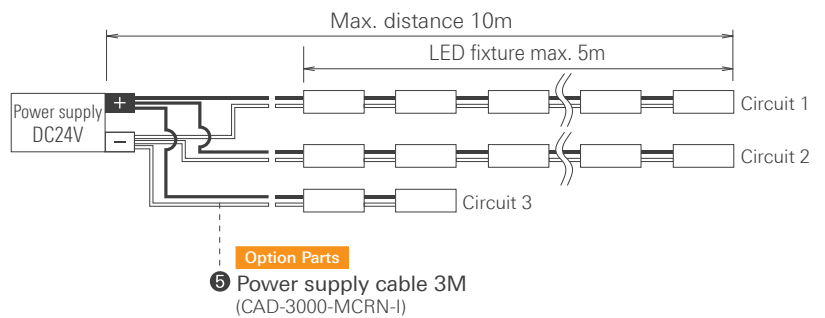
Connecting to the power supply

- Cables used for connecting LED fixtures and Power supply must be a suitable type and gauge.
- Cables should be joined with suitable terminal block or methods as appropriate to the installation and operating environment.
- Caution: When using a long cable with thin dimension, the resistance of cable will increase. Voltage drop and heat discharging may occur and result in brightness decreasing.
- Caution: When separating one cable to multiple circuits in the same gauge, the current loading focuses on the junction of the branch circuit and high temperature will liberate on there. Please consider the loading of the power supply (quantity of LED fixture) and review the wiring system to avoid the above problem.

- When connecting the dimmer driver with power supply, unpredicted noise might occur. It is a characteristic of electronic devices, not a malfunction of the LED fixture. Please choose an appropriate power supply and consider a place to install. Reducing the loading factor of LED fixture might improve the noise from the power supply while the noise for the LED fixtures might be improved by splitting the circuit of LED fixtures into multiple.

System configuration diagram

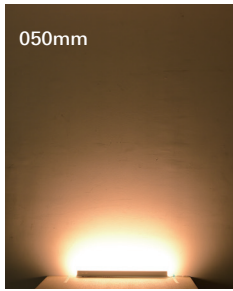
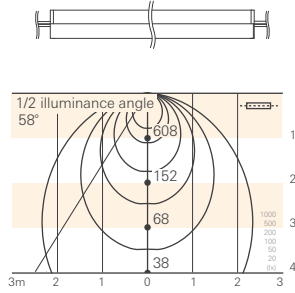
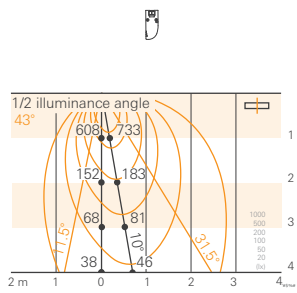
- Max. connectable length depends on the wattage of the power supply.
- Max. length per circuit of Luci Creide lens is 5m. If it exceeds 5m, please split into multiple circuits.
- Max. distance from the power supply to the end of LED fixture is 10m.



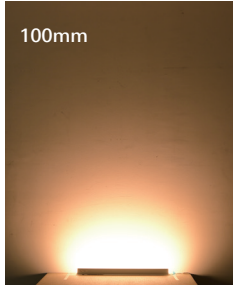
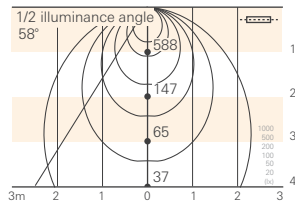
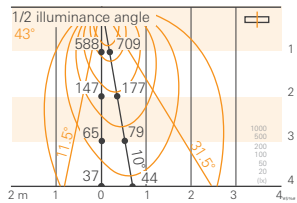
Direct horizontal surface light intensity distribution chart

Distance from wall

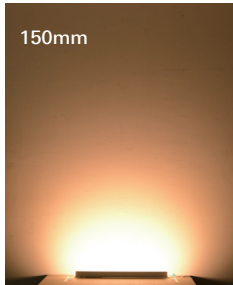
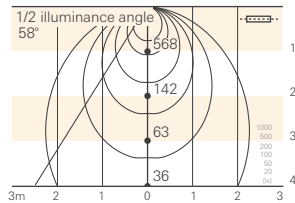
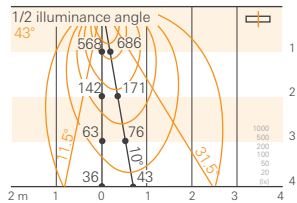
LCEL-1170-W-DF-I
 Light source color 4000K
 Brightness 608 cd
 Luminous flux 1527 lm
 Color rendering index Ra 92



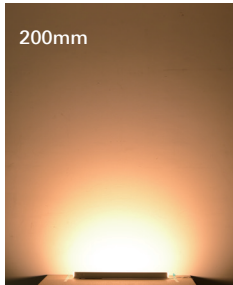
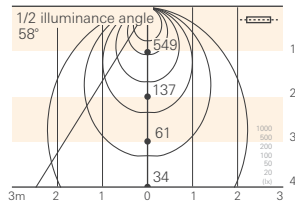
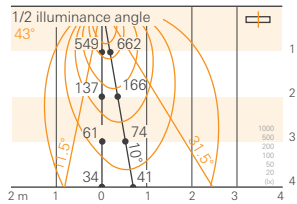
LCEL-1170-WW-DF-I
 Light source color 3500K
 Brightness 588 cd
 Luminous flux 1477 lm
 Color rendering index Ra 93



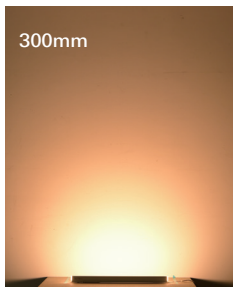
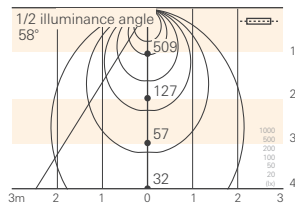
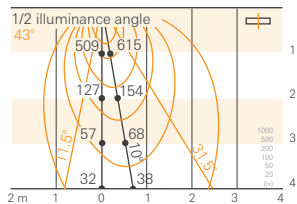
LCEL-1170-L30-DF-I
 Light source color 3000K
 Brightness 568 cd
 Luminous flux 1428 lm
 Color rendering index Ra 94



LCEL-1170-L27-DF-I
 Light source color 2700K
 Brightness 549 cd
 Luminous flux 1379 lm
 Color rendering index Ra 93

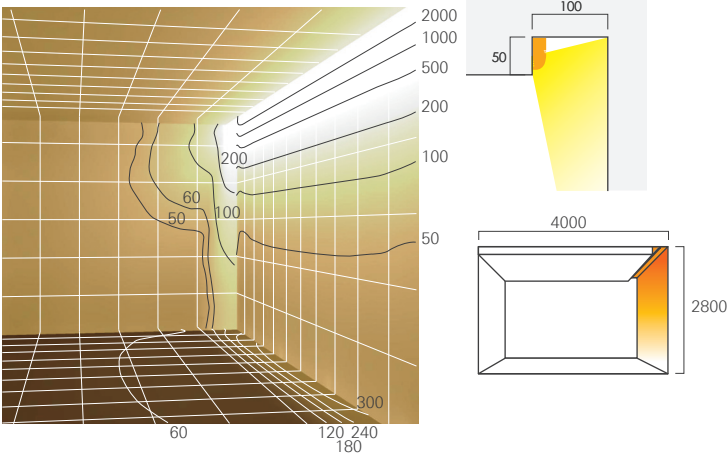


LCEL-1170-L24-DF-I
 Light source color 2400K
 Brightness 509 cd
 Luminous flux 1280 lm
 Color rendering index Ra 93

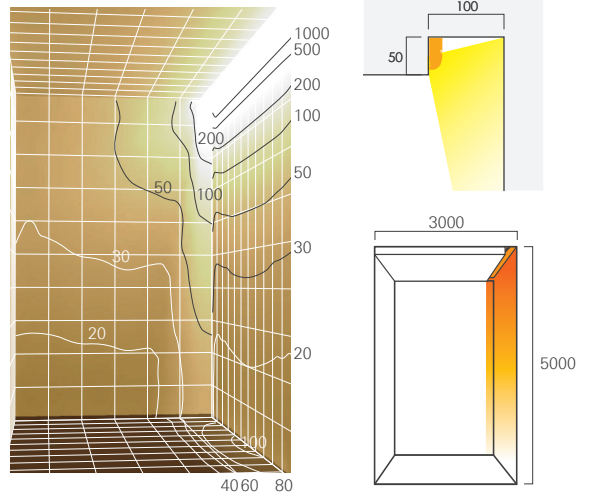


Recommend dimensions and illumination distributions

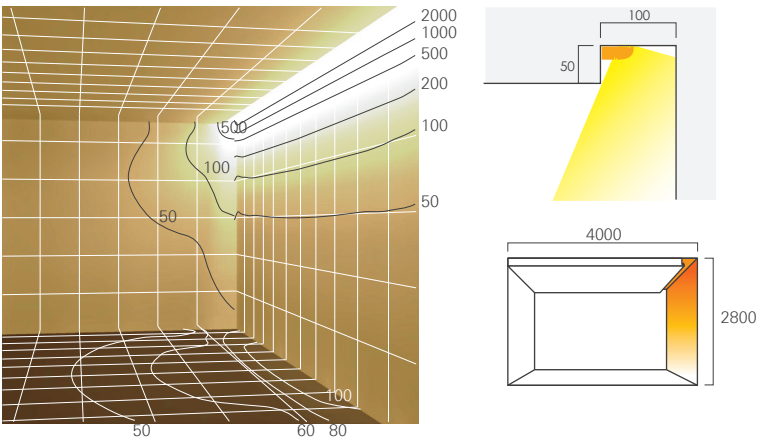
Cornice lighting-1 CH=2800



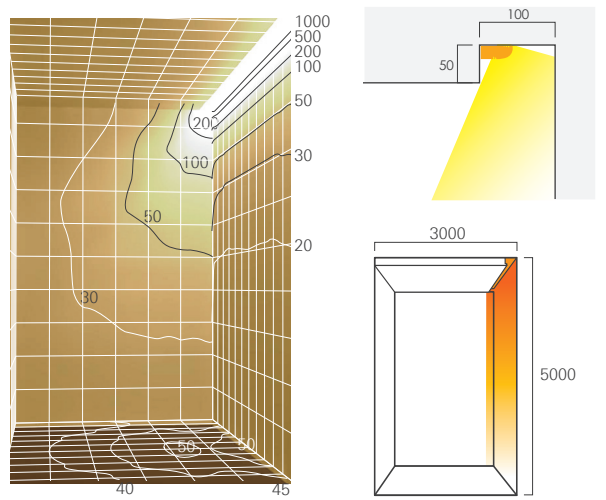
Cornice lighting-1 CH=5000



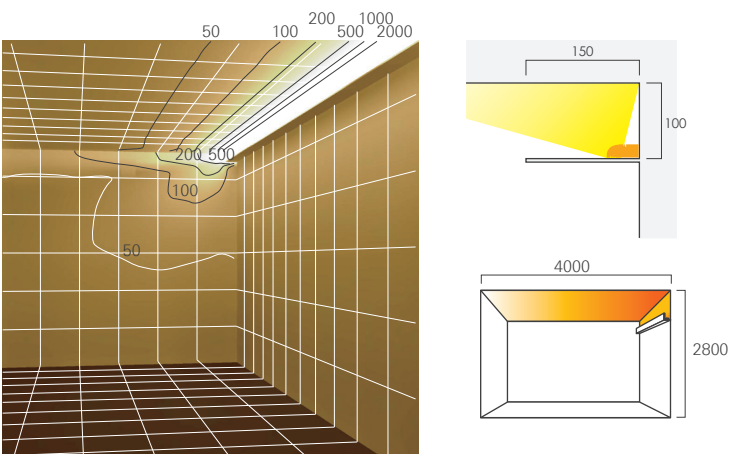
Cornice lighting-2 CH=2800



Cornice lighting-2 CH=5000



Cove lighting CH=2800



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