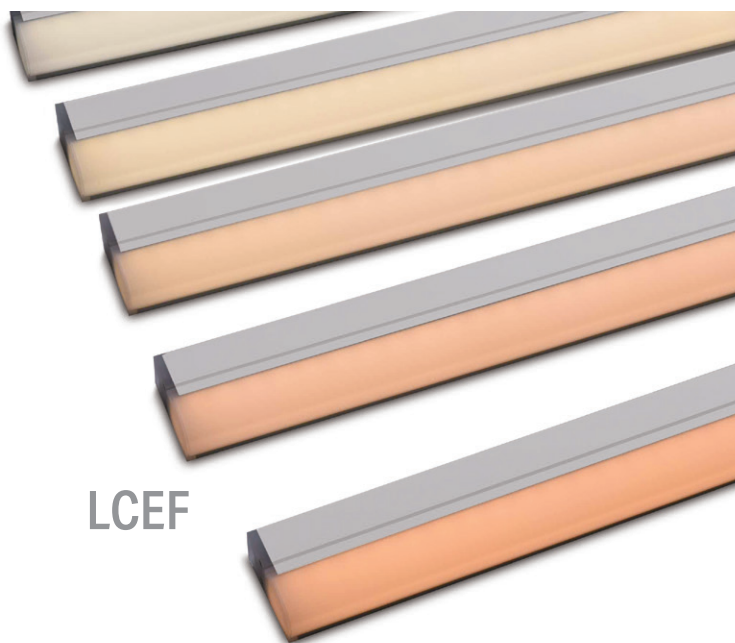


Indoor
Rigid light

LCEF
Luci Creide® F

LCEL
Luci Creide® lens



Luci Creide® F / Luci Creide® lens

LCEF / LCEL



Ibaraki Western Medical Center
Location: Japan
Architect office: YAMASHITA NEMOTOHIDE SEKKEI JV

Lighting Design: YAMASHITA SEKKEI INC.
Construction: MAEDA CORPORATION
Photo: Ca'd'Oro/SASAKI TOSHINORI



TRUSCO NAKAYAMA KYOTO KAGURAOKA RENGETSOU
Location: Japan
Architect office: NIKKEN SEKKEI LTD.
Photo: Kouji Horiuchi

Luci Creide® F / Luci Creide® lens

Only 17.4 mm in height with a quadrant luminous surface to be hidden into a cove

Tilted peak intensity angle for wide and smooth light effect

LCEF: dots-free surface,

LCEL: narrower spread angle with the extruded optical lens inside

Specifications

Dimensions

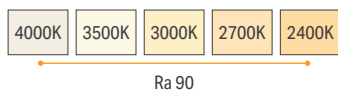
Cross section	W 42.5 x H 17.4 mm
Length	6 types of fixed length

1459	1169
880	510
300	151

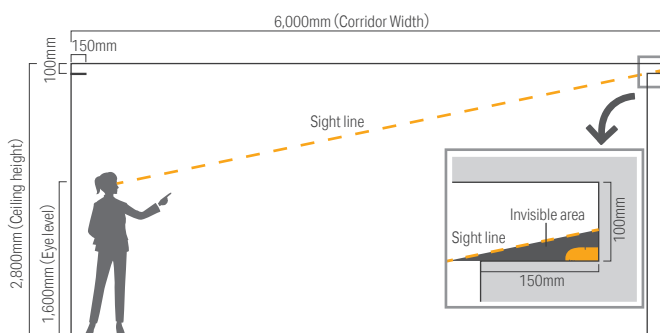
Electrical & Output

Model	LCEF	LCEL
Power Consumption (W/m)	20.7	20.7
Luminous flux @ 3000K (lm/m)	1263	1221

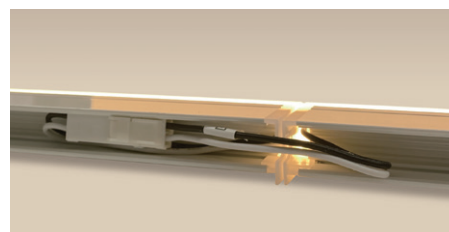
Color temperature



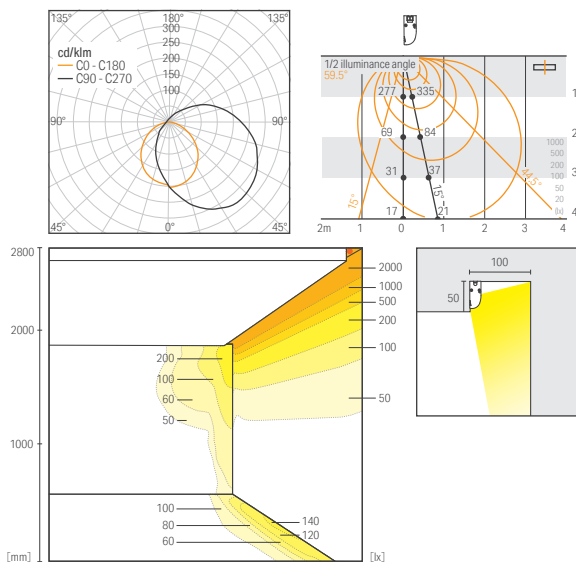
Features



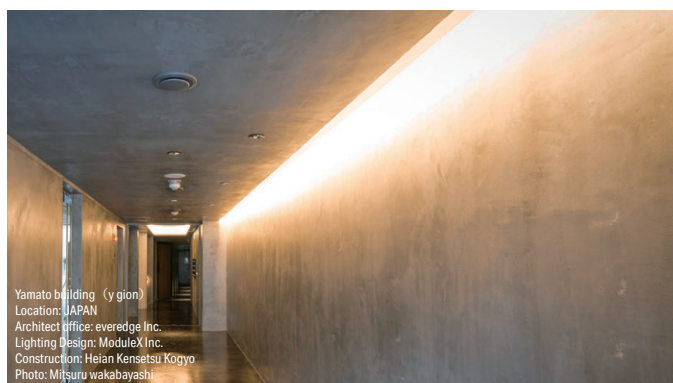
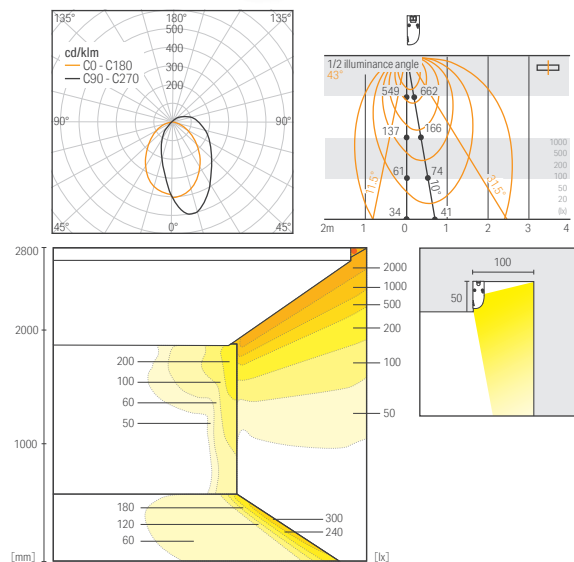
Connectors are concealed behind lighting fixtures



Luci Creide® F



Luci Creide® lens



LCEF / LCEL

Color management
MacAdam 3 step



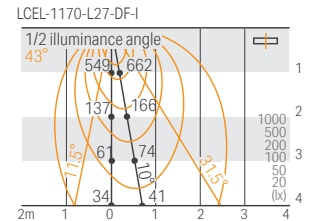
3 years
warranty

- For cove and wall grazer light with only 17.4mm height easy to be hidden
- Creide F: wider spread angle with diffuser cover
- Creide lens F: narrower spread angle with the lens in diffused cover

Model No.

Product Name	Length	Light source color	Cover Type	Environment
F: F L: lens	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: Indoor

Light Intensity Refer to P.130



Specification

Length	0150	0300	0510	0880	1170	1460
Fitting length(L)	151mm	300mm	510mm	880mm	1169mm	1459mm
Power consumption	3.0W	6.0W	10.6W	18.1W	24.2W	30.2W

Creide F

Length	0150	0300	0510	0880	1170	1460
Model No.	LCEF-0150-□-DF-I	LCEF-0300-□-DF-I	LCEF-0510-□-DF-I	LCEF-0880-□-DF-I	LCEF-1170-□-DF-I	LCEF-1460-□-DF-I
Weight	70g	133g	218g	365g	485g	620g
Luminaire efficacy(2700K)	62.0 lm/W	62.0 lm/W	62.0 lm/W	62.0 lm/W	62.0 lm/W	62.0 lm/W
Light source color	○ = Device inventory * = Equivalent					
W 4000K Ra92	○ 195lm	○ 391lm	○ 684lm	○ 1174lm	○ 1565lm	○ 1956lm
WW 3500K Ra93	○ 189lm	○ 378lm	○ 662lm	○ 1135lm	○ 1514lm	○ 1892lm
L30 3000K Ra94	○ 184lm	○ 369lm	○ 646lm	○ 1108lm	○ 1478lm	○ 1847lm
L27 2700K Ra93	○ 174lm	○ 349lm	○ 612lm	○ 1049lm	○ 1399lm	○ 1749lm
L24 2400K Ra93	○ 163lm	○ 327lm	○ 573lm	○ 982lm	○ 1310lm	○ 1638lm

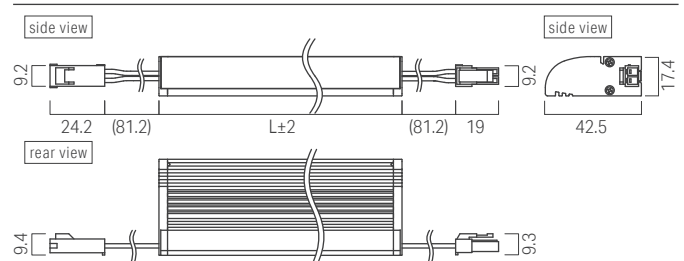
Creide lens

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
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					
W 4000K Ra92	○ 190lm	○ 381lm	○ 668lm	○ 1145lm	○ 1527lm	○ 1908lm
WW 3500K Ra93	○ 184lm	○ 369lm	○ 646lm	○ 1108lm	○ 1477lm	○ 1847lm
L30 3000K Ra94	○ 178lm	○ 357lm	○ 625lm	○ 1071lm	○ 1428lm	○ 1785lm
L27 2700K Ra93	○ 172lm	○ 344lm	○ 603lm	○ 1034lm	○ 1379lm	○ 1724lm
L24 2400K Ra93	○ 160lm	○ 320lm	○ 560lm	○ 960lm	○ 1280lm	○ 1600lm

General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length per circuit	5m
Material (body)	Polycarbonate, Aluminum
Attachments	1 Mounting clip 1 pc 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	1 Mounting clip 2 Outerclip 3 4 Magnet set 5 Power supply cable 6 Joint cable
Certification	CE, BIS
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM)
Power Supplies	Required

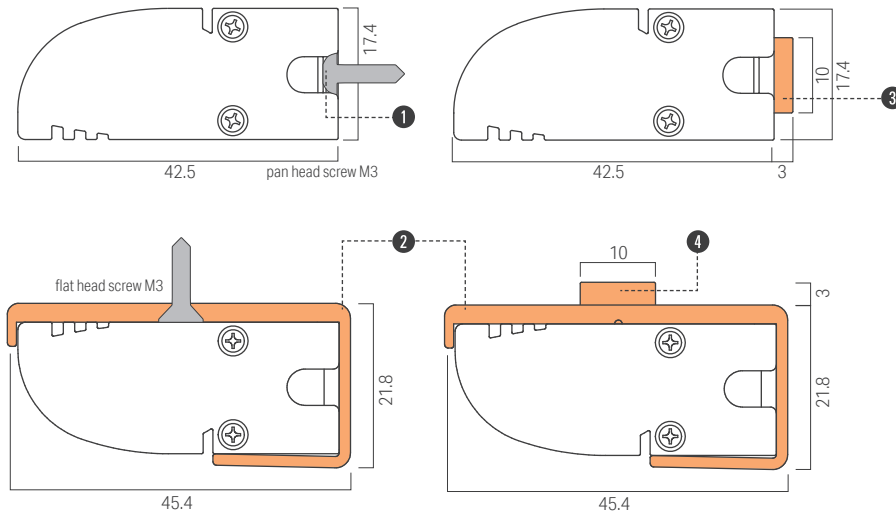
External dimensions



Max. connectable length per power supply

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

Cross sectional view when installing optional items



Option parts

1 Mounting clip A for Creide Attachment

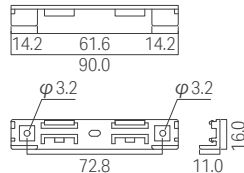
Model No : LCE-PT-A

Attached with LED fixture

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

For extra order
2 pcs / bag

For magnet installation,
please refer the required number
of clip to the table on P.129.



2 Outer clip for Creide

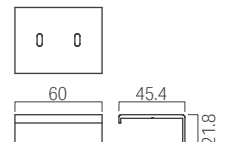
Model No : LCE-PT-B

2 pcs/bag

Recommended number

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

For magnet installation,
please refer the required number
of clip to the table on P.129.



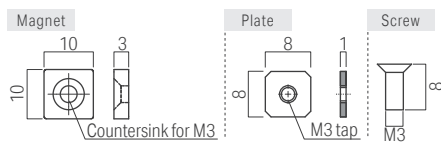
3 Magnet Set L

Model No : MG-L

10 sets/bag

Required 2 pcs per Mounting clip A

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



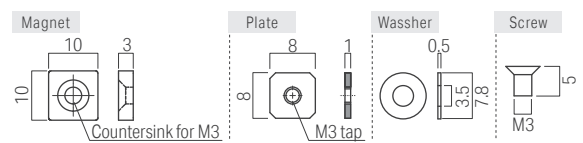
4 Magnet Set A

Model No : MG-A

5 sets/bag

Required 2 pcs per Outer clip

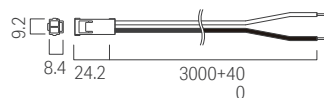
Used for installing LED fixture with 2 Outer clip for Creide on metal plate.
Metal plate is required by installer.



5 Power supply cable 3M

Model No : CAD-3000-MCNN-I

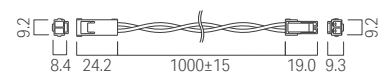
1 pc per circuit for connecting the LED fixture
to power supply or dimmer driver.



6 Joint cable 1M

Model No : CAD-1000-MCFC-I

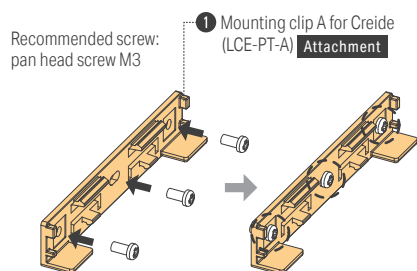
Joint cable between two LED fixtures



Luci Creide® F / Luci Creide® lens

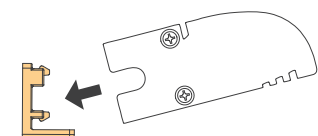
Installing the product

Mounting clip A installation: behind fixing

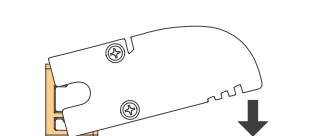


Use three screws per one Mounting clip A.

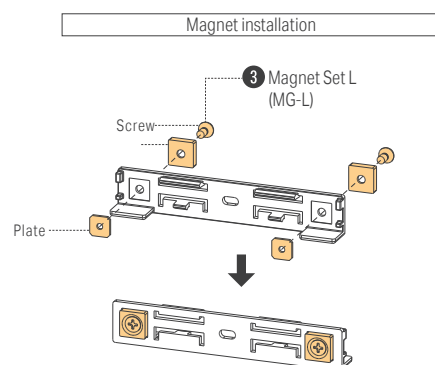
Recommend to use at least 3 pcs per meter with less than 380mm pitch.



Mounting clips should be installed in the position (as shown above).

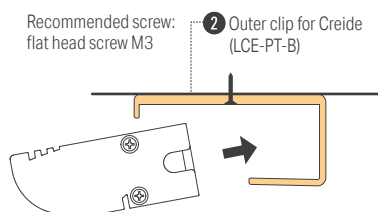


Clasp the LED fixture onto the preset mounting clips (a click sound will be produced once it is tightly fastened).

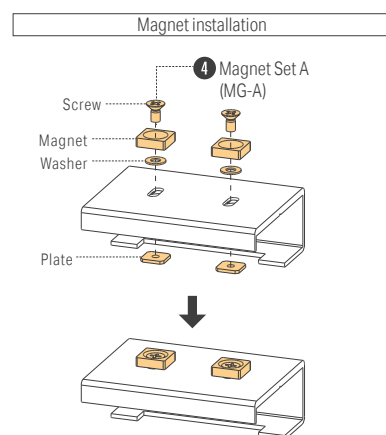
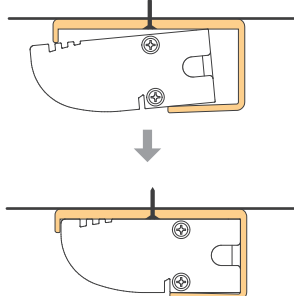


Ensure that there are no gaps in between fixture and surface

Outer clip installation

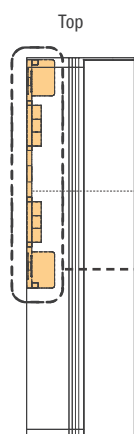


Recommend to use at least 3 pcs per meter with less than 380mm pitch.



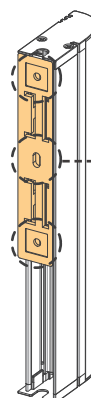
If the flat head screw is short and the plate does not tighten, please remove the washer.

For vertical installation



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.

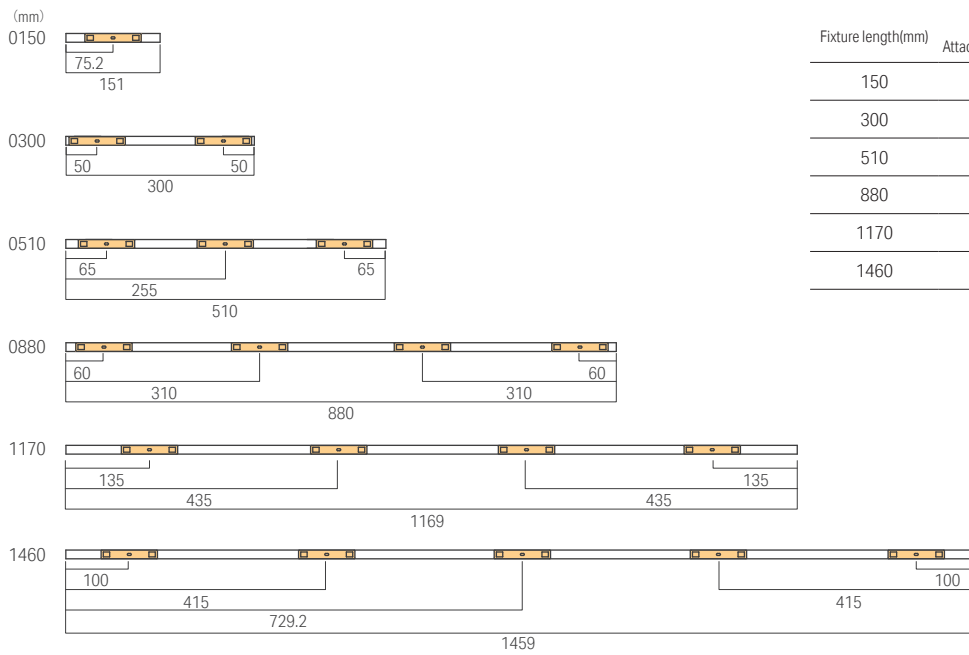
Recommended screw: pan head screw M3



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.

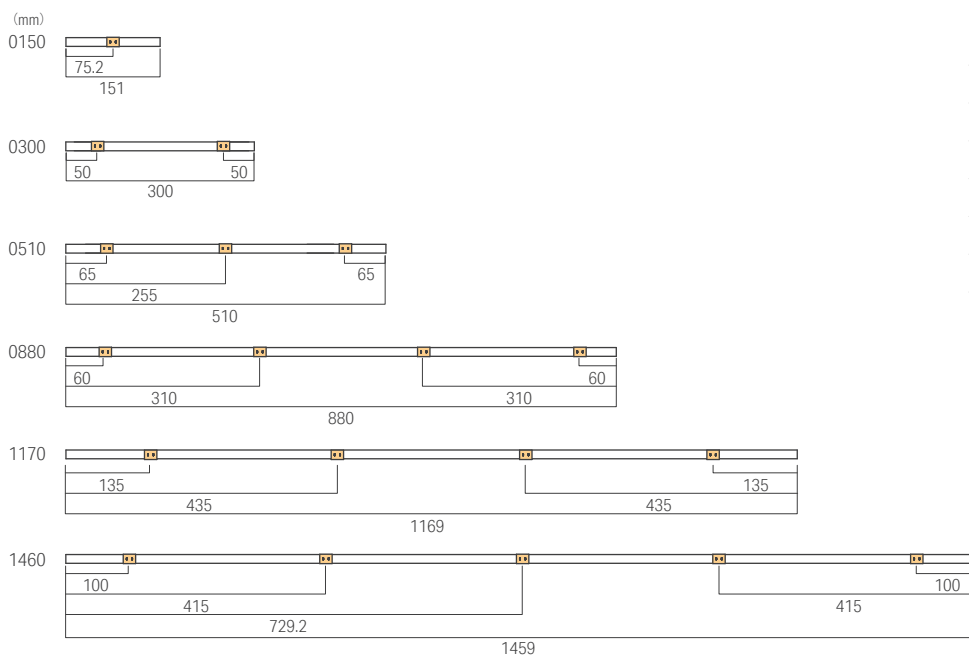
Installing the product

Recommended number of Mounting clips and magnets



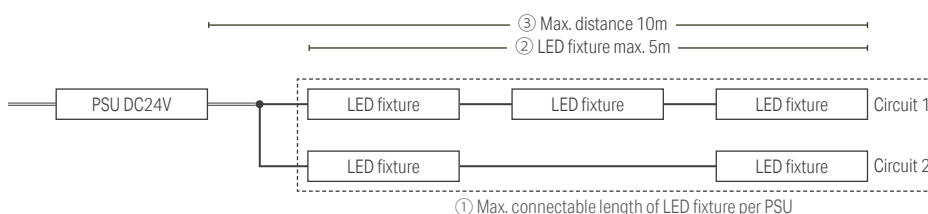
Fixture length(mm)	① Attachment mounting clip	① Extra mounting clip	③ Magnet Set L
150	1 pc	0 pc	2 pcs
300	2 pcs	0 pc	4 pcs
510	3 pcs	1 pc	8 pcs
880	4 pcs	1 pc	10 pcs
1170	4 pcs	1 pc	10 pcs
1460	5 pcs	1 pc	12 pcs
Unit of order		2pcs/bag	10 pcs/bag

Recommended number of Outer clips and magnets



Fixture length(mm)	② Extra mounting clip	④ Magnet Set L
150	1 pcs	2 pcs
300	2 pcs	4 pcs
510	3 pcs	6 pcs
880	4 pcs	8 pcs
1170	4 pcs	8 pcs
1460	5 pcs	10 pcs
Unit of order		2pcs/bag 5pcs/bag

System configuration diagram

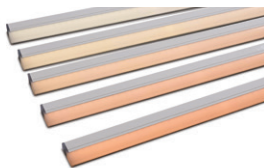


- ① Max. connectable total length of LED fixture per power supply depends on capacity of power supply. Recommended loading factor: 70% (without dimming) or 60% (with dimming)
- ② If connectable length of LED fixture per circuit exceeds the maximum, please split into multiple circuit.
- ③ To avoid voltage 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 Creide® F / Luci Creide® lens

Distance from wall

Illuminance Data

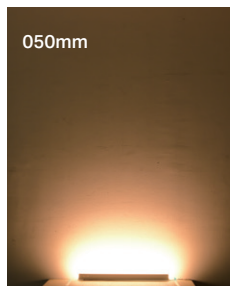


LCEF Luci Creide F

Color temperature

4000K 3500K 3000K 2700K 2400K

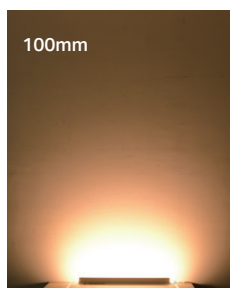
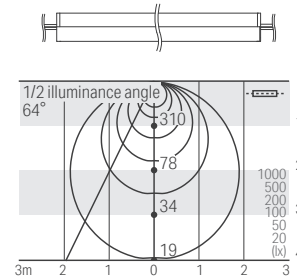
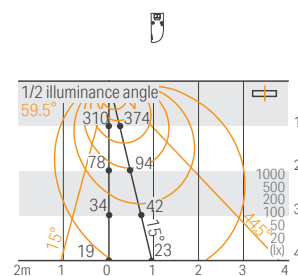
Direct horizontal surface light intensity distribution chart



050mm

LCEF-1170-W-DF-I

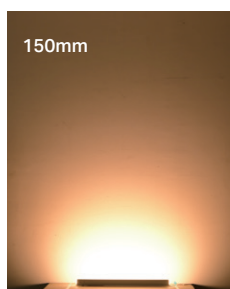
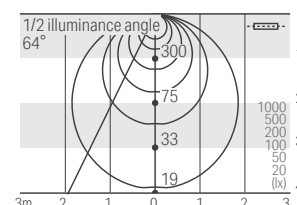
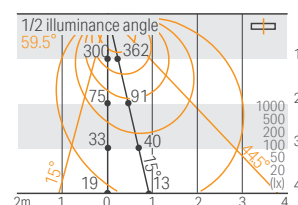
Light source color 4000K
Brightness 310 cd
Luminous flux 1565 lm
Color rendering index Ra 92



100mm

LCEF-1170-WW-DF-I

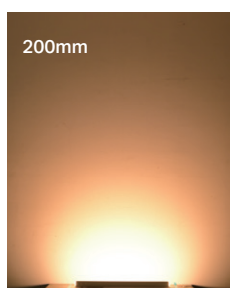
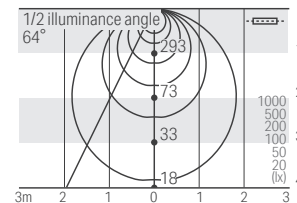
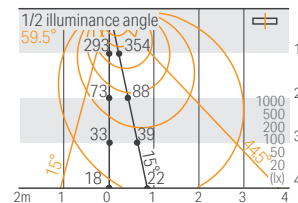
Light source color 3500K
Brightness 300 cd
Luminous flux 1514 lm
Color rendering index Ra 93



150mm

LCEL-1170-L30-DF-I

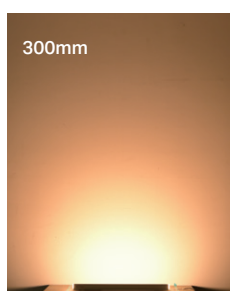
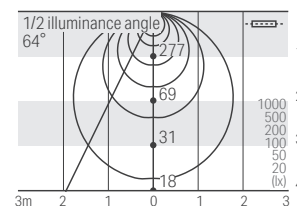
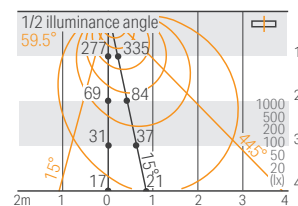
Light source color 3000K
Brightness 293 cd
Luminous flux 1478 lm
Color rendering index Ra 94



200mm

LCEL-1170-L27-DF-I

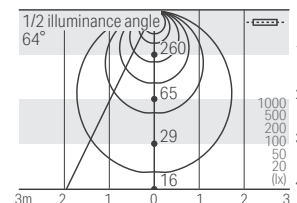
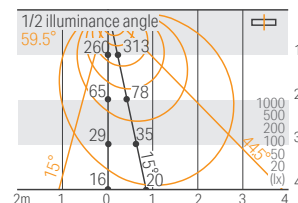
Light source color 2700K
Brightness 277 cd
Luminous flux 1399 lm
Color rendering index Ra 93



300mm

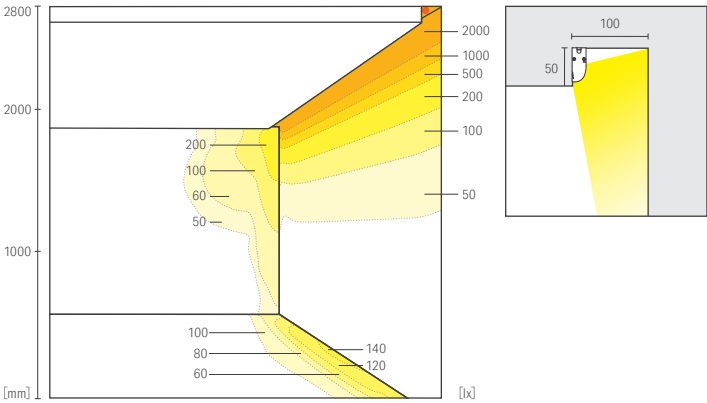
LCEL-1170-L24-DF-I

Light source color 2400K
Brightness 260 cd
Luminous flux 1310 lm
Color rendering index Ra 93

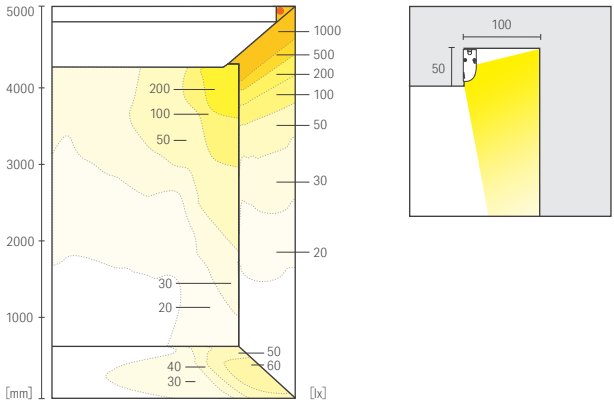


Recommend dimensions and illumination distributions

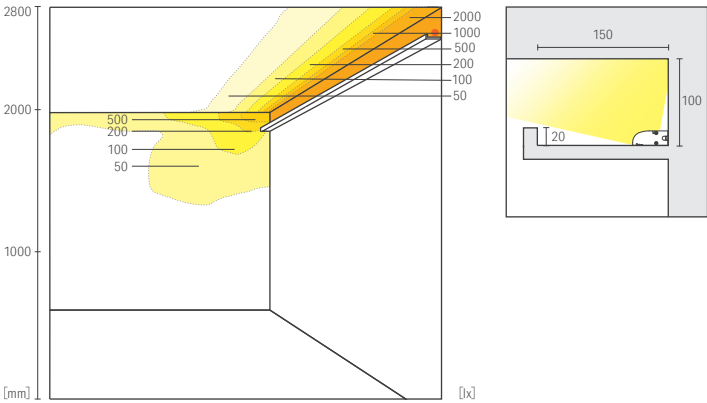
Cornice lighting CH=2800



Cornice lighting CH=5000



Cove lighting CH=2800



LCEF / LCEL

Vivoxi Graze

Vivoxi Graze THOF®

RECTA

THOF®

Creide®F / lens

silux® K

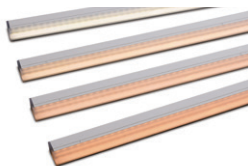
silux wide® K

nano line

Luci Creide® F / Luci Creide® lens

Distance from wall

Illuminance Data

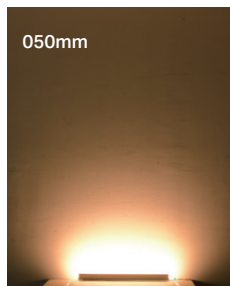


LCEL Luci Creide lens

Color temperature

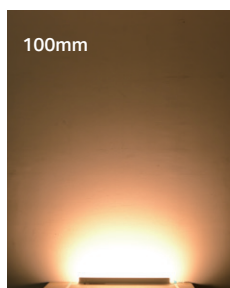
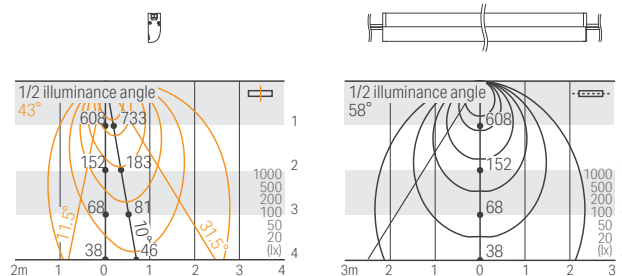
4000K 3500K 3000K 2700K 2400K

Direct horizontal surface light intensity distribution chart



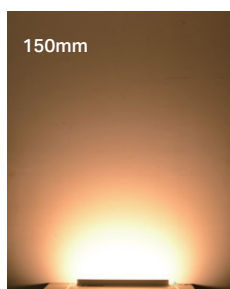
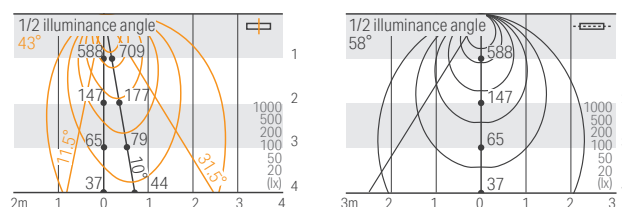
050mm

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



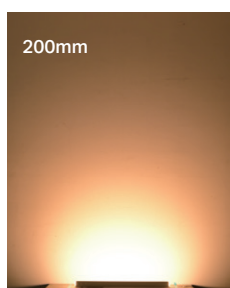
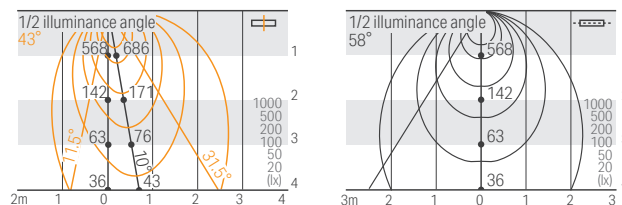
100mm

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



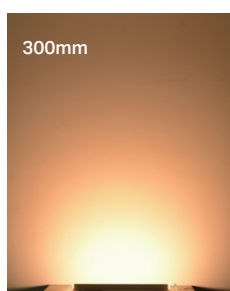
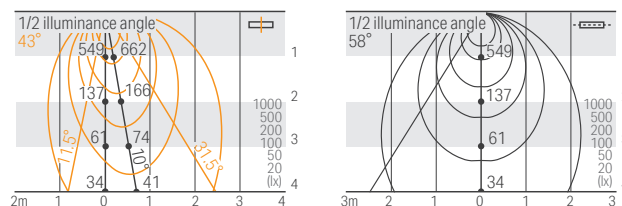
150mm

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



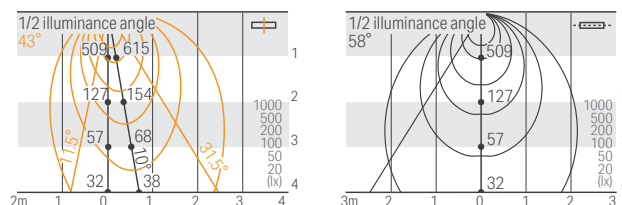
200mm

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



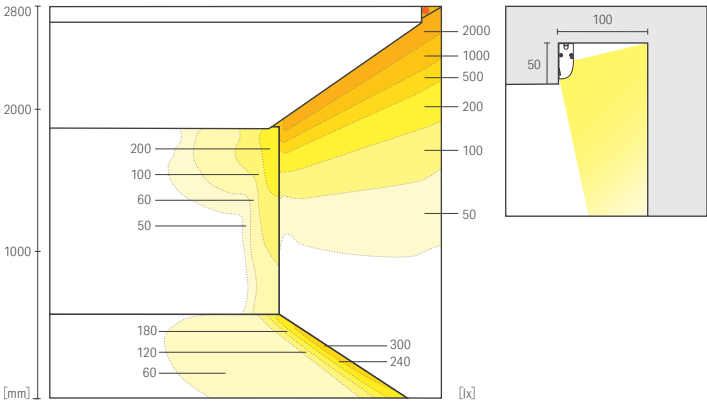
300mm

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

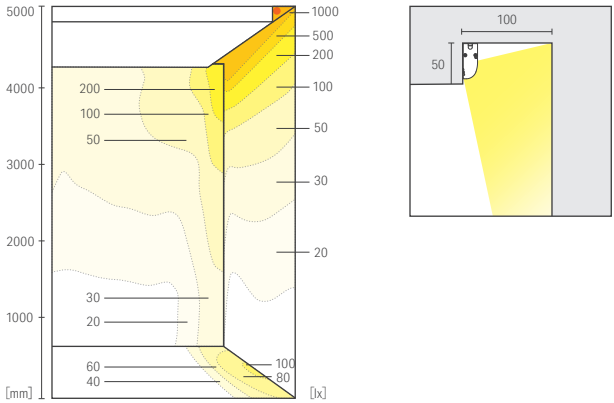


Recommend dimensions and illumination distributions

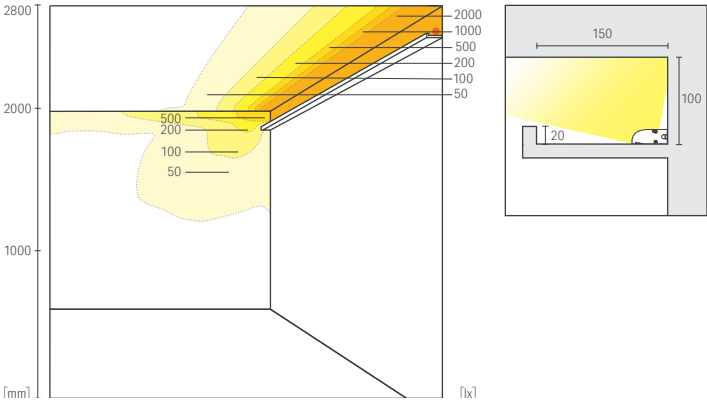
Cornice lighting CH=2800



Cornice lighting CH=5000



Cove lighting CH=2800



LCEF / LCEL

Vivoxo Graze

Vivoxo Graze THOF®

RECTA

THOF®

Creide®F / lens

silux® K

silux wide® K

nano line