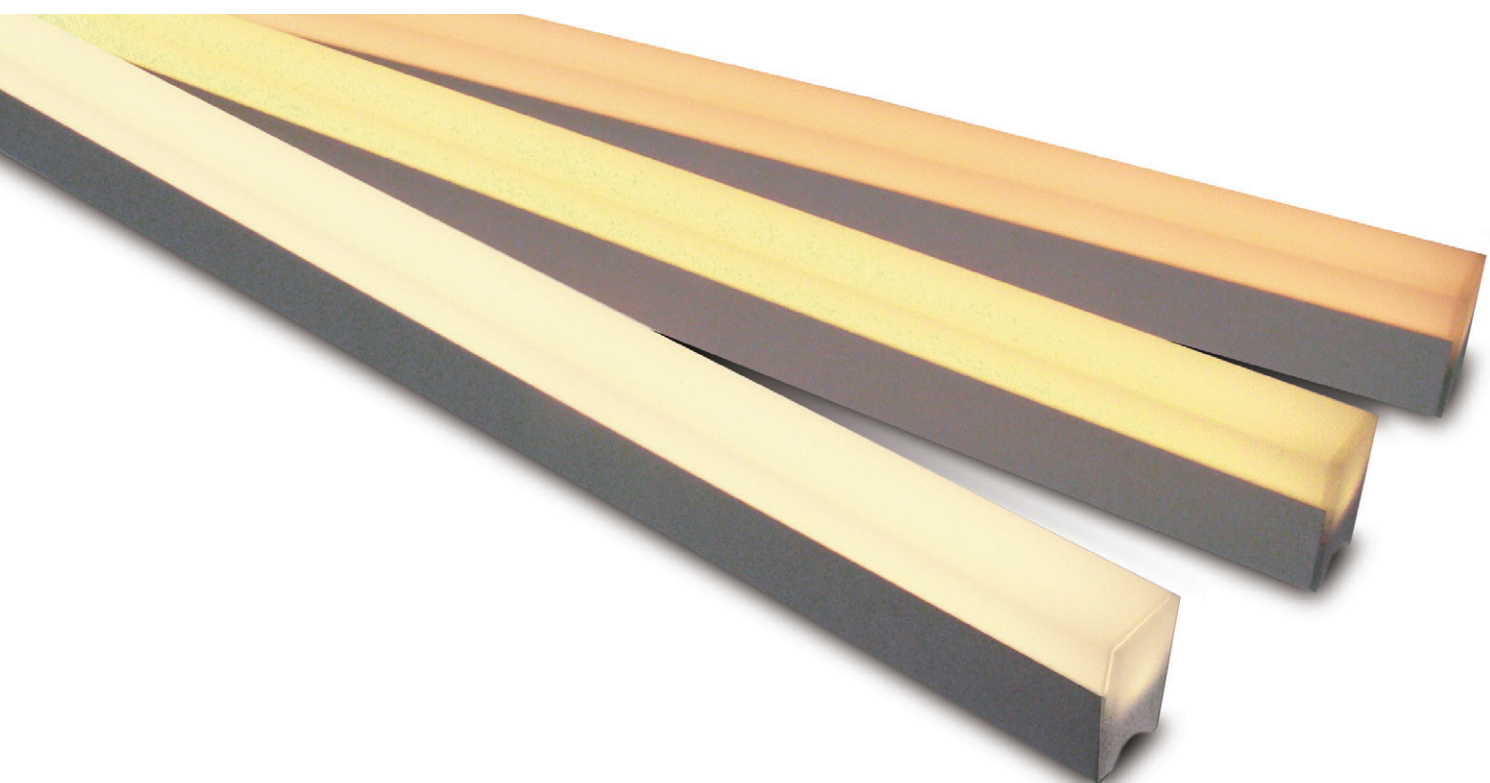


Indoor
Rigid light

LRE Luci RECTA





KOHNAN SHOJI CO., LTD
Location: Japan



THE WESTIN AWAJI ISLAND RESORT & CONFERENCE CENTER repair work
Location: Japan
Architect office: J.FRONT DESIGN & CONSTRUCTION Co.,Ltd.
Lighting design: KOIZUMI LIGHTING TECHNOLOGY CORP.
Construction: J.FRONT DESIGN & CONSTRUCTION Co.,Ltd.

Luci RECTA

Intense brightness for powerful cove lighting
as well as ambient lighting,
3 side emission simple design
for clean minimalist applications

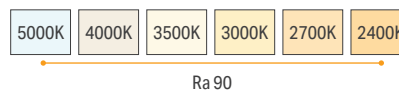
Specifications

Dimensions

Cross section W 24 x H 39 mm
Standard length 3 types of fixed length
Custom order 7 types of fixed length with MOQ

1003	907			
806	705	604		
503	407	306	205	103

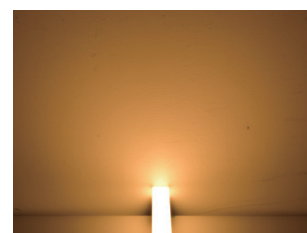
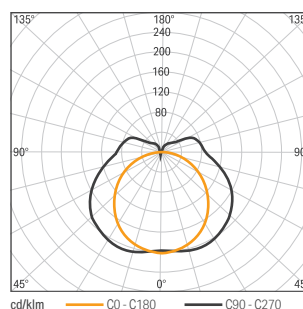
Color temperature



Electrical & Output

Power Consumption (W/m)	31.2	*Available for 20.8W/m type on request
Luminous flux @ 3000K (lm/m)	2226	

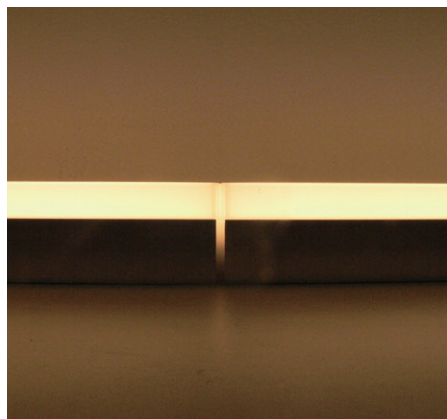
Light distribution



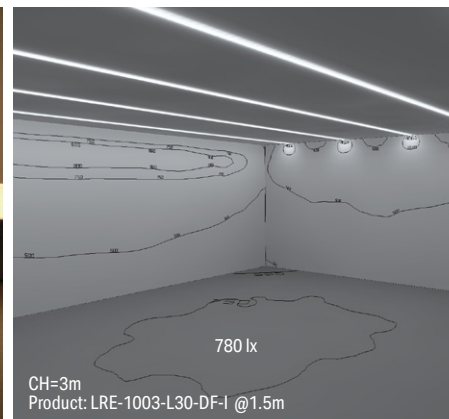
Features



Squared section with uniform and homogenous
3 side emitted surface

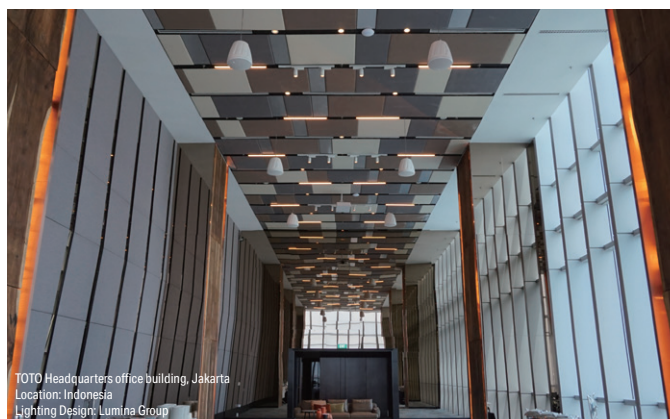


Seamless lighting at the joint
Neither clips nor cable can be seen



Give enough brightness
for workspace with simple and stylish design

Project reference

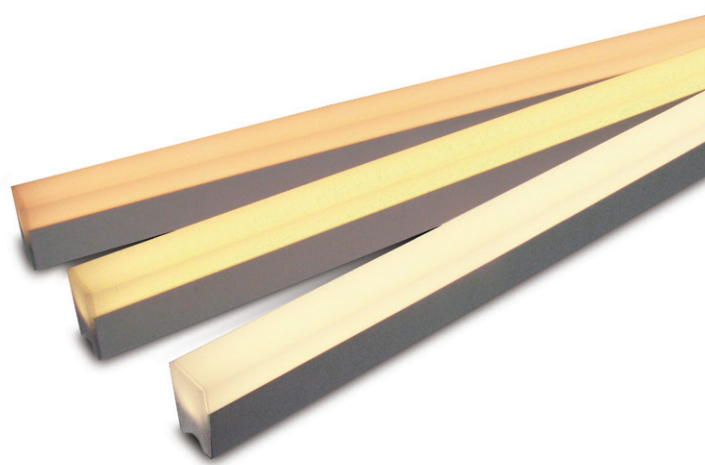


LRE

Color management
MacAdam 3 step



3 years
warranty



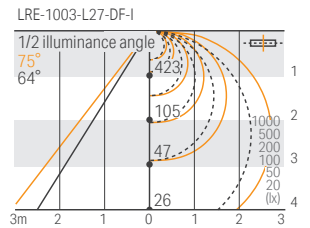
- Over 2,000 lm/m output for surface mount and indirect lighting
- Seamless and homogeneous 3 surface-emitting light

Model No.

LRE - - - **DF** - **I**

Product Name	Length	Light source color	Cover Type	Environment
LRE	0103 0503 1003	N : Natural white W : White WW : Warm white 3500K L30 : Warm white 3000K L27 : Warm white 2700K L24 : Warm white 2400K	DF : Diffuser	I : Indoors

Light Intensity Refer to P.117



Specification

Length	0103	0503	1003
Model No.	LRE-0103-□-DF-I	LRE-0503-□-DF-I	LRE-1003-□-DF-I
Power consumption	3.1W	15.6W	31.2W
Fitting length(L)	103mm	503mm	1003mm
Weight	50g	220g	420g
Luminaire efficacy(2700K)	74.7 lm/W	74.7 lm/W	74.7 lm/W
Light source color	○ = Device inventory		
D 7100K	-	-	-
N 5000K Ra92	○ 238lm	○ 1190lm	○ 2380lm
W 4000K Ra92	○ 238lm	○ 1190lm	○ 2380lm
WW 3500K Ra93	○ 230lm	○ 1151lm	○ 2303lm
L30 3000K Ra94	○ 222lm	○ 1113lm	○ 2226lm
L27 2700K Ra93	○ 215lm	○ 1075lm	○ 2150lm
L24 2400K Ra93	○ 199lm	○ 998lm	○ 1996lm
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.

Custom length

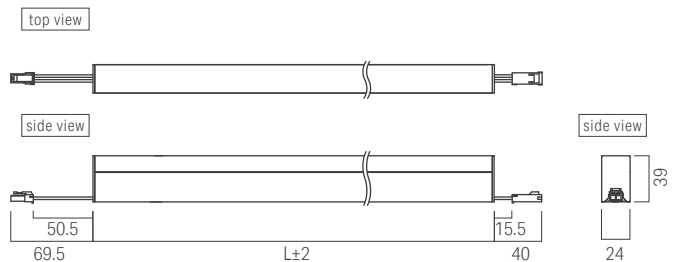
Length	0205	0306	0407	0604	0705	0806	0907
Model No.	LRE-0205-□-DF-I	LRE-0306-□-DF-I	LRE-0407-□-DF-I	LRE-0604-□-DF-I	LRE-0705-□-DF-I	LRE-0806-□-DF-I	LRE-0907-□-DF-I
Power consumption	6.2W	9.3W	12.5W	18.7W	21.8W	24.9W	28.0W
Fitting length(L)	205mm	306mm	407mm	604mm	705mm	806mm	907mm

Please contact us since it is made-to-order products and has MOQ.

General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length per circuit	3.3m
Material (body)	Polycarbonate, Aluminum
Attachments	① Mounting parts 2pcs
Option parts	① Mounting parts ② Power supply cable ③ Joint cable
Certification	CE, BIS
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM)
Power Supplies	Required

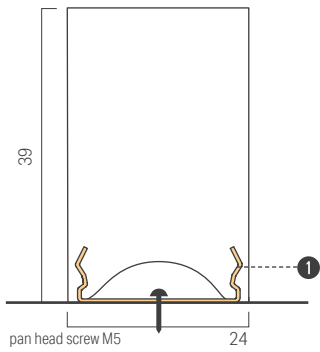
External dimensions



Max. connectable length per power supply

Length of LED fixture (70% loading factor) During dimmer use	Power supply
~1.1m	50W power supply
~2.2m	100W power supply
~3.3m	150W power supply

Cross sectional view



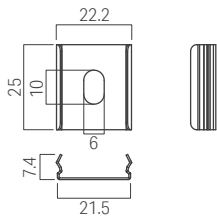
Option parts

1 Mounting parts A Attachment



Model No : LTH-PTA
Attached with LED fixture
2 pcs / bag

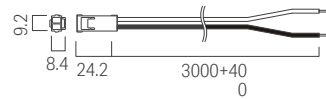
For extra order
2 pcs / bag



2 Power supply cable 3M



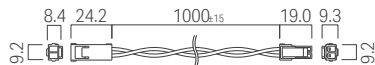
Model No : CAD-3000-MCNN-I
1 pc per circuit for connecting the LED fixture
to power supply or dimmer driver.



3 Joint cable 1M

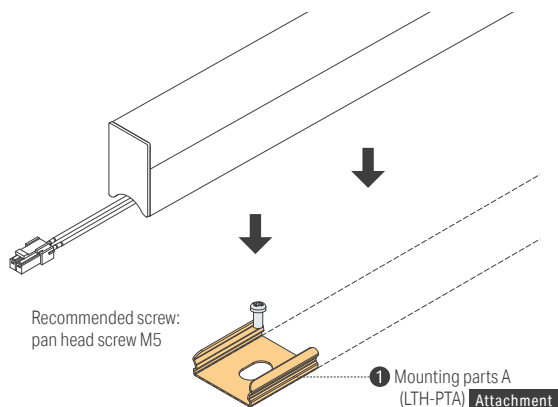


Model No : CAD-1000-MCFC-I
Joint cable between two LED fixtures



Installing the product

For horizontal installation



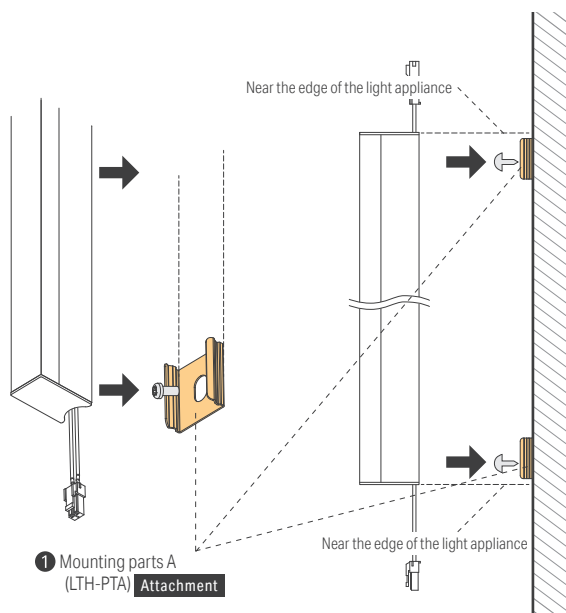
⚠ Cautions

- Do not recess the LED fixture on the wall without any clearance or heat dissipation for releasing the heat of the LED fixture.

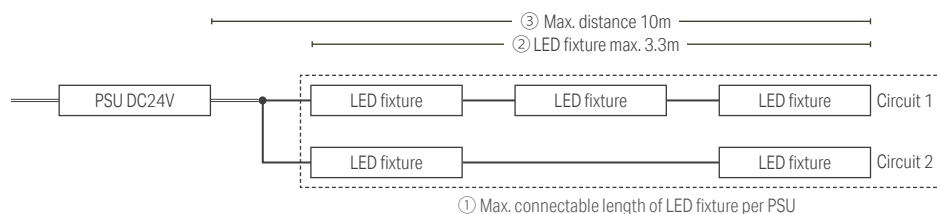
- To avoid the mounting parts being deformed, DO NOT over-screw the screws, use countersunk screw and install the LED fixture forcefully when the mounting parts are misaligned.

When using deformed Mounting parts, the LED fixture may drop from the Mounting parts. Make sure the LED fixture is fixed tightly after installation.

For vertical installation



System configuration diagram

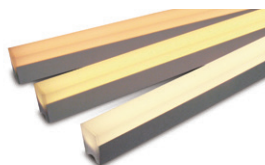


① Max. connectable total length of LED fixture per power supply depends on capacity of power supply. Recommended loading factor: 70% (without dimming) or 60% (with dimming)

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)

Illuminance data



LRE Luci RECTA

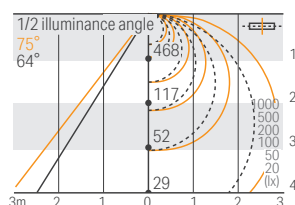
Color temperature

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

Direct horizontal surface light intensity distribution chart

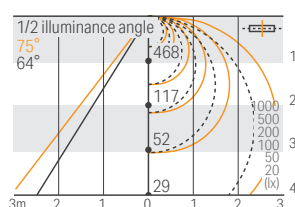
LRE-1003-N-DF-I

Light source color 5000K
Brightness 468 cd
Luminous flux 2380 lm
Color rendering index Ra 92



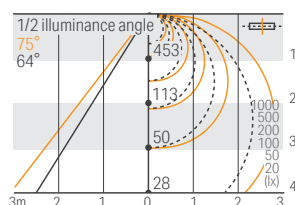
LRE-1003-W-DF-I

Light source color 4000K
Brightness 468 cd
Luminous flux 2380 lm
Color rendering index Ra 92



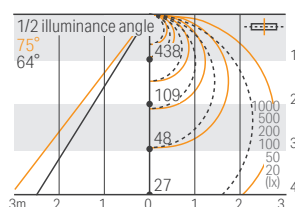
LRE-1003-WW-DF-I

Light source color 3500K
Brightness 453 cd
Luminous flux 2303 lm
Color rendering index Ra 93



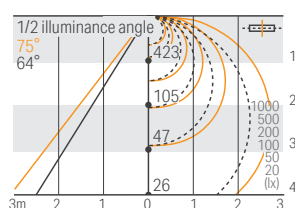
LRE-1003-L30-DF-I

Light source color 3000K
Brightness 438 cd
Luminous flux 2226 lm
Color rendering index Ra 94



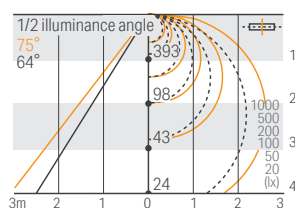
LRE-1003-L27-DF-I

Light source color 2700K
Brightness 423 cd
Luminous flux 2150 lm
Color rendering index Ra 93



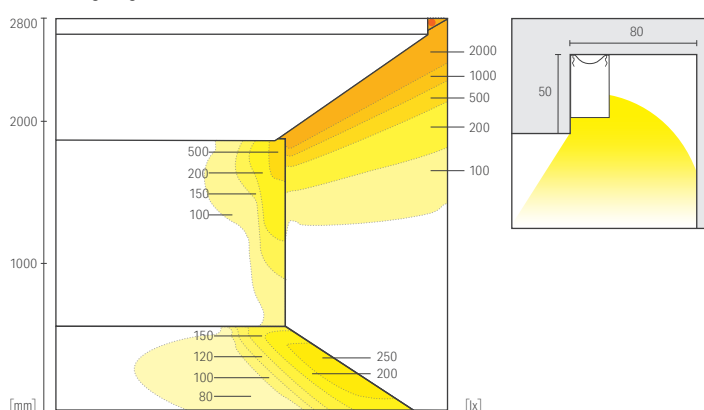
LRE-1003-L24-DF-I

Light source color 2400K
Brightness 393 cd
Luminous flux 1996 lm
Color rendering index Ra 93

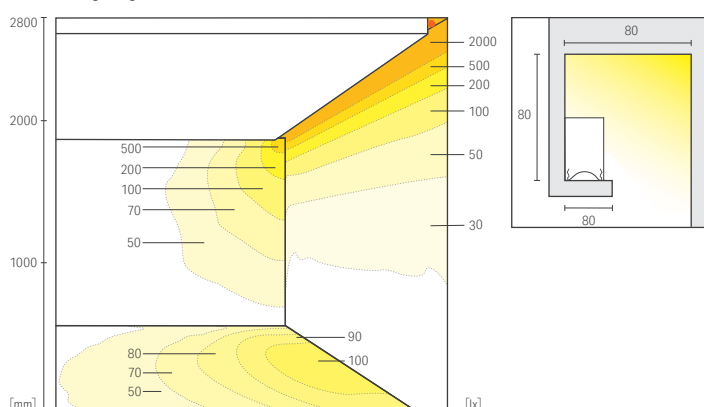


Recommend dimensions and illumination distributions

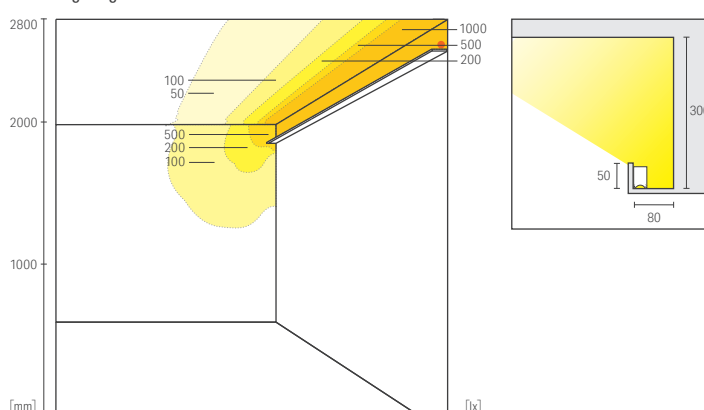
Cornice lighting-1 CH=2800



Cornice lighting-2 CH=2800



Cove lighting CH=2800



LRE

Vivoxi Graze

Vivoxi Graze THOF®

RECTA

THOF®

Creide® F / lens

silux® K

silux wide® K

nano line