RAYCOS LIGHTING

PROJECT NAME _____ DATE _____

NOTE _____

LUD ARCHITECTURAL LINEAR SERIES

ARCHITECTURAL UP/DOWN LINEAR PENDANT

DIRECT / INDIRECT LIGHTING WITH INDEPENDENT CCT CONTROL



BLACK FINISH



WHITE FINISH

LENGTH
4 FT / 8 FT

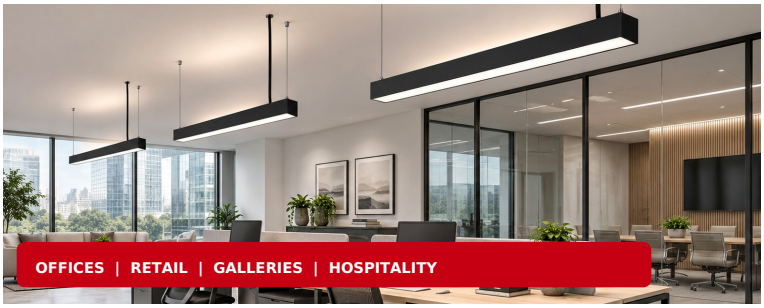
POWER
50 W / 100 W

OUTPUT
6,500 / 13,000 LM

COLOR
3000 / 4000 / 5000 K

APPLICATION

COMMERCIAL INTERIORS



PRODUCT FEATURES

DIRECT / INDIRECT

- Independent top and bottom CCT selection
- 30% uplight / 70% downlight or 100% downlight
- 100° beam with 0-10 V dimming
- Aluminum housing in white or black
- 6.5 ft five-wire feed and adjustable suspension cables
- Linkable with L, T and X connection accessories

ORDERING GUIDE

4 FT + 8 FT MODELS

Model	Length	Power	Output	Selectable CCT	Finish	DLC ID
RY-4FT-LUD-50W-30K/40K/50K	4 ft	50 W	6,500 lm	3000 / 4000 / 5000 K	White / Black	PYOC8G5A
RY-8FT-LUD-100W-30K/40K/50K	8 ft	100 W	13,000 lm	3000 / 4000 / 5000 K	White / Black	S-5Q0TO1

BEAM
100°

CRI
>80

POWER FACTOR
>0.95

DIMMING
0-10 V

INPUT
120-277 V

PERFORMANCE DATA

LUD SERIES

- 4 ft: 50 W and 6,500 lumens
- 8 ft: 100 W and 13,000 lumens
- Selectable 3000 / 4000 / 5000 K for up and down light
- Operating range: -4°F to +104°F (-20°C to +40°C)
- Lumen maintenance above 70% at 50,000+ hours
- Maximum standard linked run: 26 ft

ACCESSORIES

INCLUDED / OPTIONAL

- Suspension kit and canopy included
- Connection plate included
- Wall-mount clips sold separately
- Surface-mount clips sold separately

5 YEARS WARRANTY

ETL LISTED c US Intertek

DLC DLC PREMIUM LISTED

CCT Tunable 3000K/4000K/5000K

RAYCOS LIGHTING

PROJECT NAME _____ DATE _____

NOTE _____

LUD ARCHITECTURAL LINEAR SERIES

DIMENSIONS, ACCESSORIES & PHOTOMETRICS

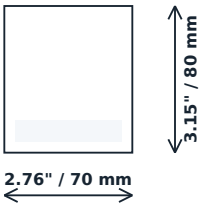
PRODUCT DIMENSIONS

INCHES / MILLIMETERS

4 FT / 8 FT FRONT VIEW



SIDE VIEW



Low-profile aluminum body supports suspended, surface and wall mounting configurations.

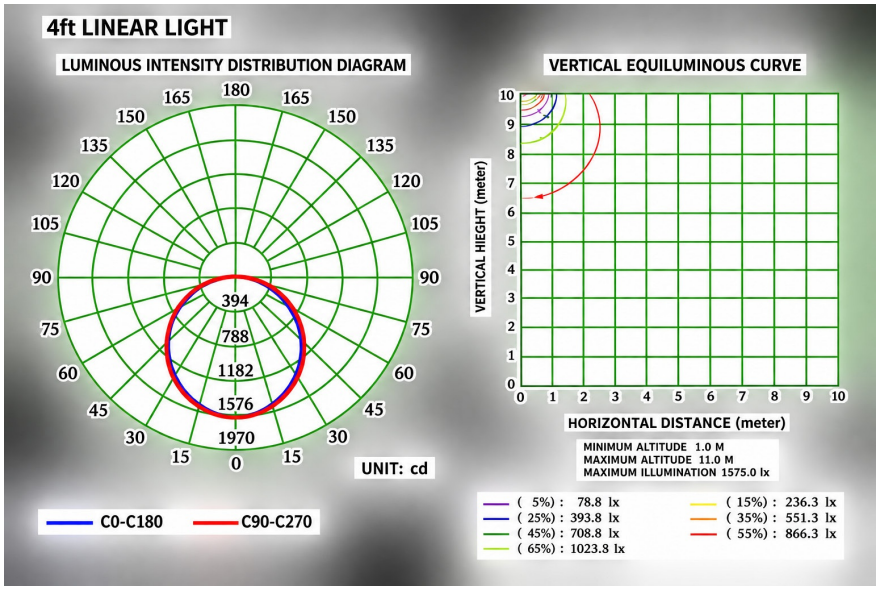
L / T / X CONNECTION ACCESSORIES

3000 / 4000 / 5000 K

Joint	Model	Power	Finish	Distribution	W x H
L	RY-LUD-ACC-L-12W-CCT	12 W	White	Up / Down	7.95 x 7.95 in
L	ACCS-LUD-L02	—	White / Black	Down only	3.94 x 3.94 in
T	RY-LUD-ACC-T-12W-CCT	12 W	White	Up / Down	13.19 x 7.95 in
T	ACCS-LUD-T02	—	White / Black	Down only	4.92 x 3.94 in
X	RY-LUD-ACC-X-15W-CCT	15 W	White	Up / Down	13.19 x 13.19 in
X	ACCS-LUD-X02	—	White / Black	Down only	4.92 x 4.92 in

PHOTOMETRIC REPORT

4 FT REFERENCE



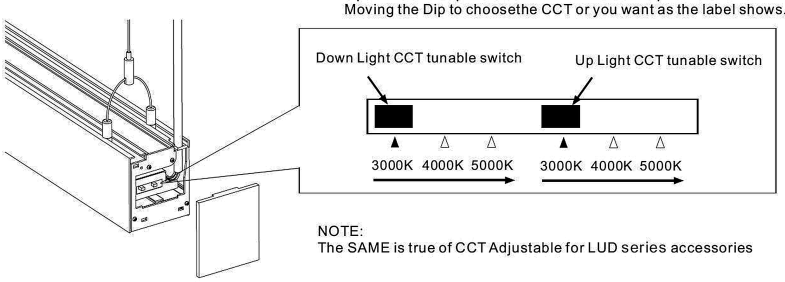
Photometric plots reproduced from the supplied LUD test report.

LUD ARCHITECTURAL LINEAR SERIES

CCT CONTROL & SUSPENSION INSTALLATION

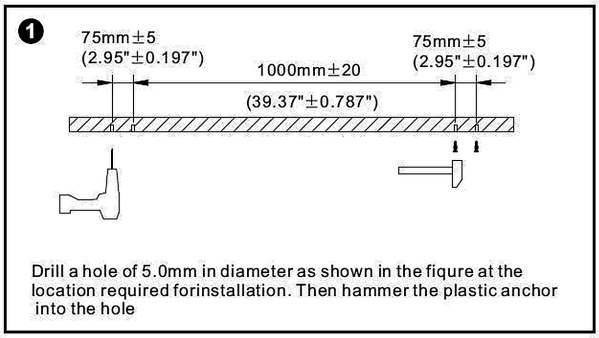
INDEPENDENT UP / DOWN CCT CONTROL

3000 / 4000 / 5000 K

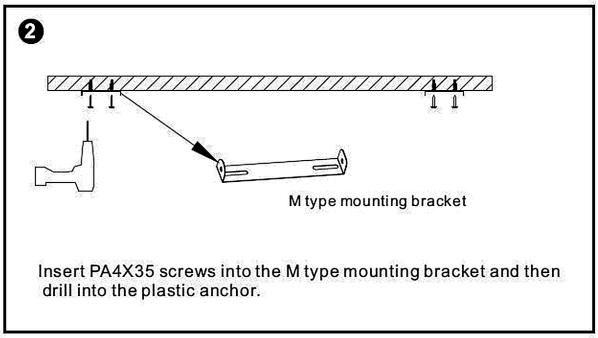


SUSPENSION INSTALLATION

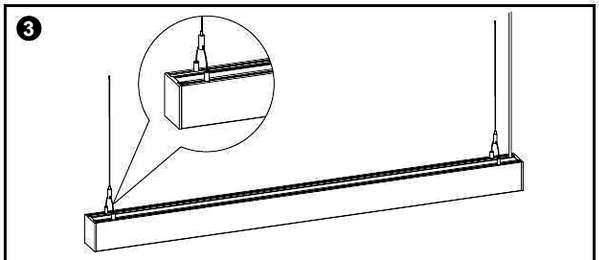
6.5 FT ADJUSTABLE AIRCRAFT CABLES



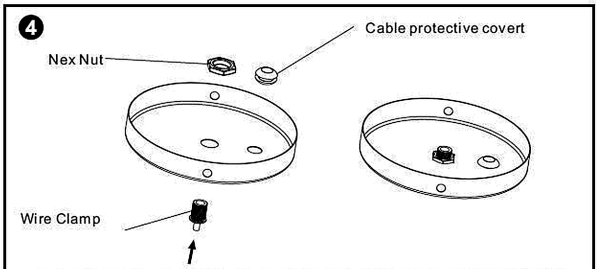
Drill a hole of 5.0mm in diameter as shown in the fiqure at the location required forinstallation. Then hammer the plastic anchor into the hole



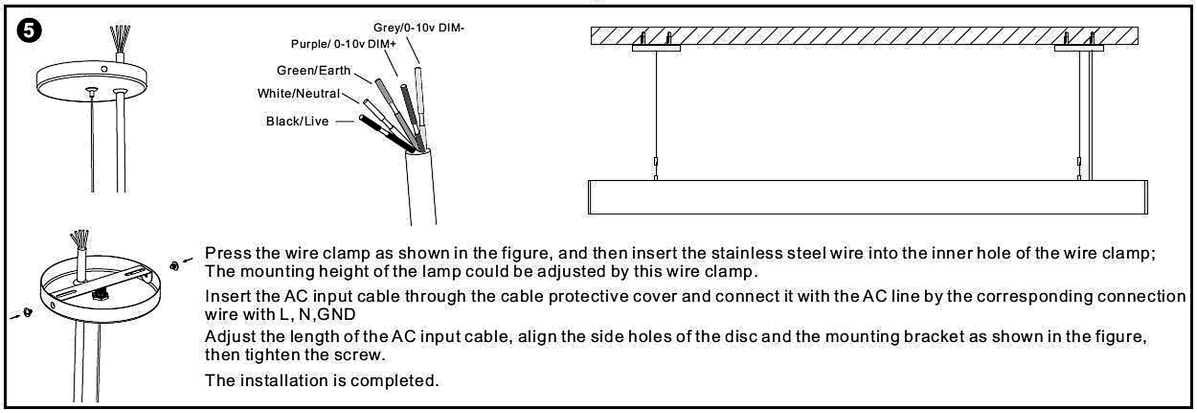
Insert PA4X35 screws into the M type mounting bracket and then drill into the plastic anchor.



Rotate and fasten 2 fixing heads and 2 screws of left end; hold steel wire rope and lift lamp upward, then adjust balance screws to balance light, finally tighten balance screws.



Insert the wire clamp into the middle hole of the disc and tighten the wire clamp with hex nut; Clip the cable protective cover into the AC line hole of the disc.



Press the wire clamp as shown in the figure, and then insert the stainless steel wire into the inner hole of the wire clamp; The mounting height of the lamp could be adjusted by this wire clamp.

Insert the AC input cable through the cable protective cover and connect it with the AC line by the corresponding connection wire with L, N,GND

Adjust the length of the AC input cable, align the side holes of the disc and the mounting bracket as shown in the figure, then tighten the screw.

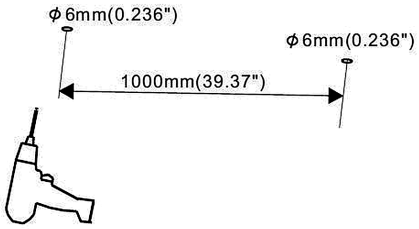
The installation is completed.

LUD ARCHITECTURAL LINEAR SERIES

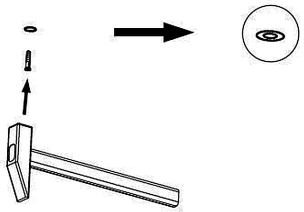
SURFACE & WALL INSTALLATION

SURFACE-MOUNT INSTALLATION

OPTIONAL SURFACE CLIPS



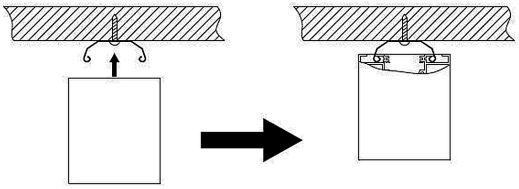
1.Drill the hole on the ceiling (The size is shown in the picture)



2.Drill the anchoring into the opened hole with a nail hammer



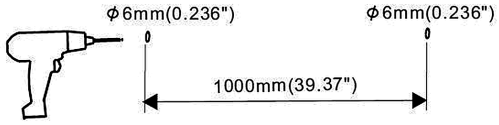
3.Secure the mounting clips on the ceiling



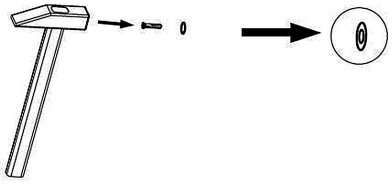
4. Align the back of the lamp with the clips on the ceiling and install the fixture to the mounting clips

WALL-MOUNT INSTALLATION

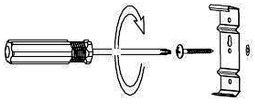
OPTIONAL WALL CLIPS



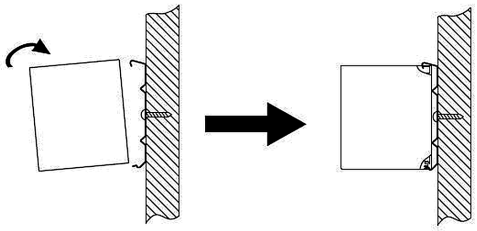
1.Drill the hole on the wall (The size is shown in the picture)



2.Drill the anchoring into the opened hole with a nail hammer



3.Secure the mounting clips on the wall



4. Align the side of the lamp with the clips on the wall and install the fixture to the mounting clips

RAYCOS LIGHTING

PROJECT NAME _____ DATE _____

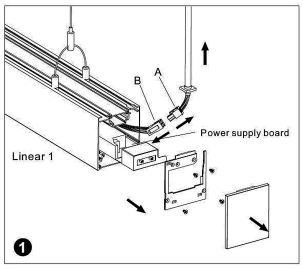
NOTE _____

LUD ARCHITECTURAL LINEAR SERIES

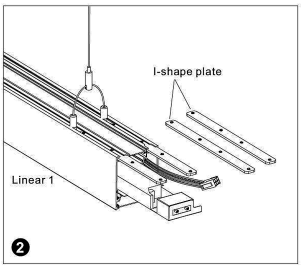
LINKED FIXTURE INSTALLATION

STEPS 1-2: PREPARE THE FIXTURES

POWER + I-SHAPE PLATE



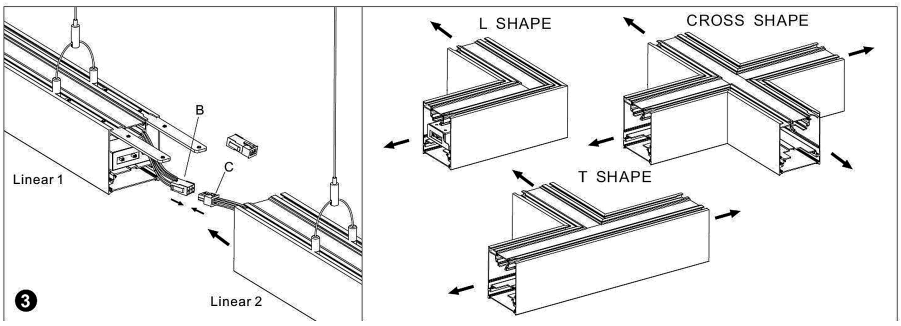
Install the Linear 1 to the ceiling as instruction of Suspension Installation.
Open the end cap as the picture shows.
Pull out ½ Power supply board of Linearl, and move out the AC wires.
Disconnect the A and B parts.



Insert the I-shape plate to the track as the picture shows.

STEP 3: CONNECT LINEAR / L / T / X SECTIONS

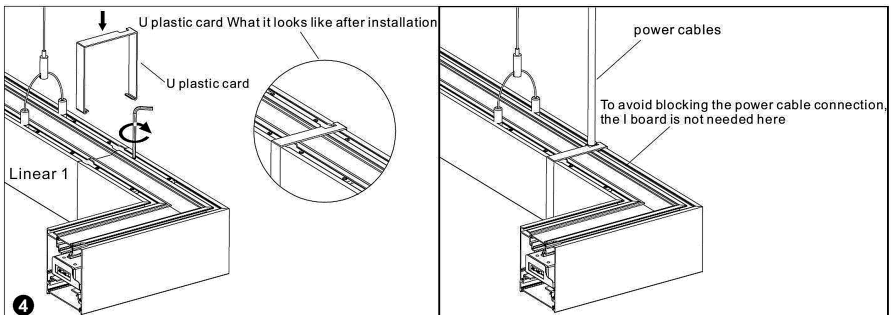
WIRE HARNESS



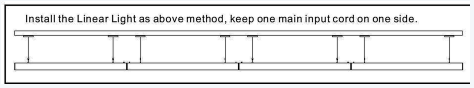
Install the second linear section or L / T / X fitting, then connect harness B to C.

STEP 4: SECURE THE JOINT

PLATE + U-COVER



Secure the I-shape plate with eight screws, then snap the U-cover over the finished joint.



26 FT MAXIMUM STANDARD RUN

Longer customized runs require #18 AWG cord and factory review.