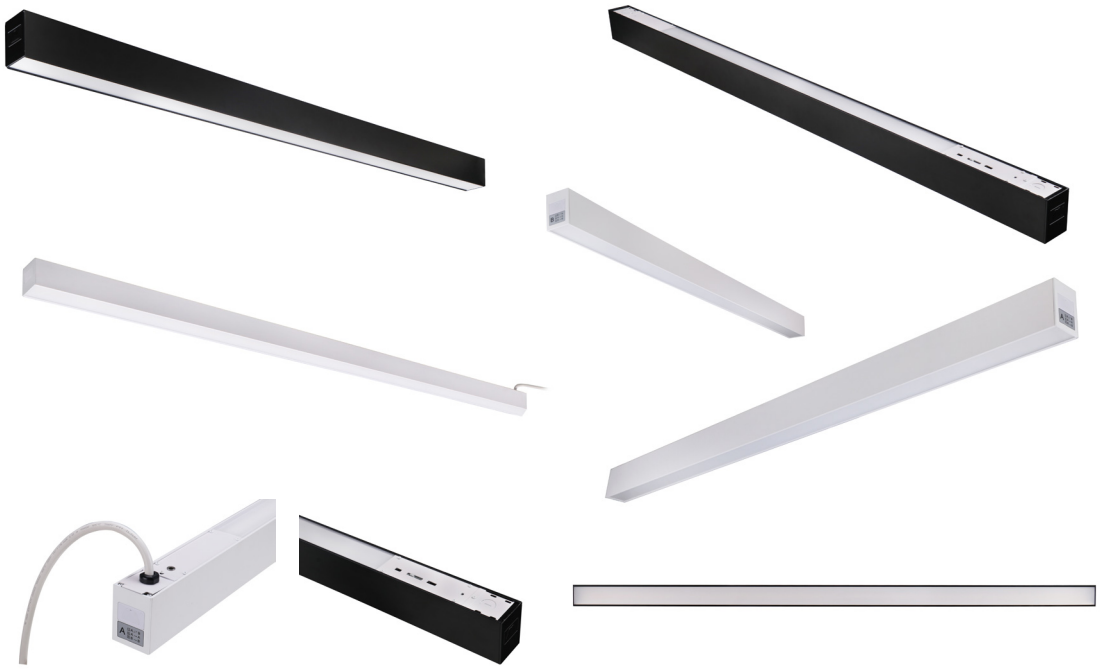
ITEM | 30035-30036 LA03 LED LINEAR STRIP LIGHT

Project:_____ Type:_____

Name:_____ Date:_____







Size	4ft: 48" x 2 3/4" x 1 7/8" 8ft: 96" x 2 3/4" x 1 7/8" custom sizes available
Watts	4ft: 30W/40W/50W 8ft: 60W/80W/100W
Voltage	120V-277 VAC
Dimming	Dimmable
Beam Angle	100°
CRI	>80
PF	≥ 0.9

Lumens	4ft: 4850-5750lm 8ft: 1000-12500lm
CCT	2700K, 3000K, 3500K, 4000K, 5000K
IP Rating	IP40 Damp Rated
Materials	Aluminum
Finish	Black/White
Lens	Frosted
Lifespan	50,000 Hours

The LA03 LED Linear Strip Light is a versatile and modern lighting solution designed for both commercial and architectural applications. Available in 4ft and 8ft sizes with custom lengths upon request, it delivers powerful illumination ranging from 4,850–12,500 lumens with wattages from 30W–100W.

Built with a sleek aluminum housing in black or white finishes, the fixture features a frosted lens for even light distribution and a 100° beam angle. Multiple color temperatures (2700K–5000K) and 0–10V dimming capability allow for complete control and customization of the lighting environment.

Perfect for offices, retail, education, and hospitality spaces, the LA03 combines performance, efficiency, and clean design.

OVERVIEW

CCT: 2700K/3000K/3500K/ 4000K/5000K

Applications: Damp rated

Efficacy: 100-125 lm/W

Dimming: 0-10V Dimming

LED Type: Lumileds 2835

Lens Type: Frosted

Driver Model:

30035 - FS-TMG050B1070TW-12V

30036 - LX85W-55-C2400-RP-12-C7S

Operating Temp: -4F° to 122F°

Operating Humidity: 20%-90%RH

Lifespan: 50,000 Hours

Warranty: 5 Years

FEATURES

- Custom sizes available
- IP44 damp rated
- CCT dimming for customizable lighting environments

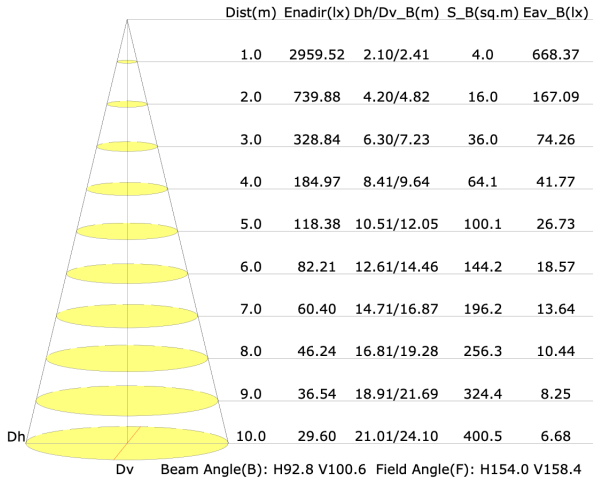
ITEM | **30035-30036 LA03 LED LINEAR STRIP LIGHT**

Project:_____ Type:_____

Name:_____ Date:_____

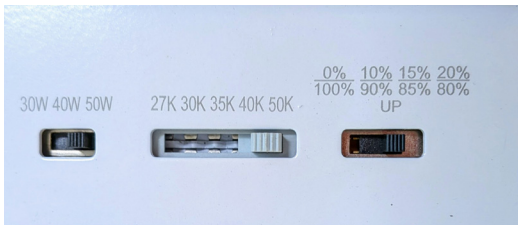
PHOTOMETRICS:

Illuminance at a Distance(Beam Angle)

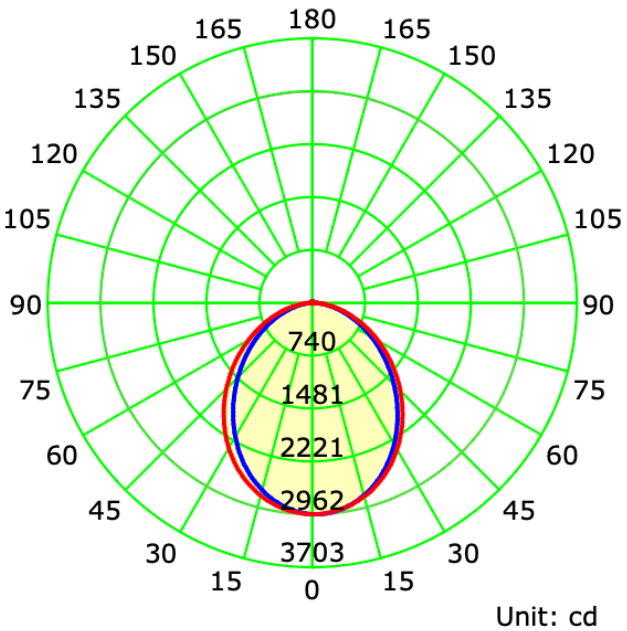


Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	2959.52	2.10/2.41	4.0	668.37
2.0	739.88	4.20/4.82	16.0	167.09
3.0	328.84	6.30/7.23	36.0	74.26
4.0	184.97	8.41/9.64	64.1	41.77
5.0	118.38	10.51/12.05	100.1	26.73
6.0	82.21	12.61/14.46	144.2	18.57
7.0	60.40	14.71/16.87	196.2	13.64
8.0	46.24	16.81/19.28	256.3	10.44
9.0	36.54	18.91/21.69	324.4	8.25
10.0	29.60	21.01/24.10	400.5	6.68

Beam Angle(B): H92.8 V100.6 Field Angle(F): H154.0 V158.4



Luminous Intensity Distribution Curve

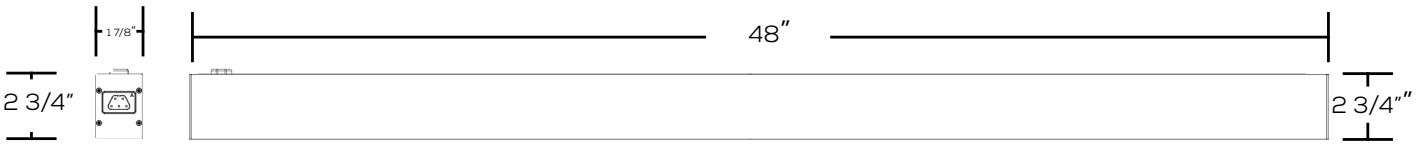


Unit: cd

Average Diffuse Angle(50%): 96.7°

C0-C180 C90-C270 G2

DIMENSIONS:



CUSTOM SIZES AVAILABLE UPON REQUEST

IMPORTANT SAFEGUARDS:

- Installation, service and maintenance should be performed by a qualified licensed electrician.
- Make all electrical and grounded connections in accordance with national electrical code and any applicable local code requirements.
- Disconnect power at fuse or circuit breaker before installing or servicing.
- Review the diagrams thoroughly before beginning.
- Do not mount in hazardous locations, or near gas or electric heaters.
- Do not let power cords touch hot surfaces.
- Equipment should be mounted in locations where it will not be subjected to tampering by unauthorized personnel.
- Do not use equipment for other than its intended use.

ITEM | 30035-30036 LA03 LED LINEAR STRIP LIGHT

Project:_____ Type:_____

Name:_____ Date:_____

ORDER FORM:

(*) Special Order/Not Commonly Stocked

Custom Model Assembly

SES-
Example Model Number

Fixture	CCT	Watts	Beam Angle	Voltage	TRIM
☐ LA03	2700K	☐ 50W (4FT)	☑ 100°	☑ 120-277V	☐ BLK
	3000K	☐ 100W (8FT)			☐ WHT
	3500K				
	4000K				
	5000K				

SES – LA03 – ____ – W – 100° – 120-277V –

Quantity Fixture CCT Watts Beam Angle Voltage Trim

Common Stock Models:

Item #	Model #
30035	SES-LA03-50W4FTBYA1-abcd
30036	SES-LA03-100W8FTBYA1-abcd

Optional Accessories:



INSTALLATION INSTRUCTIONS

Rev: A2 80582

LED Strip Installation Instruction

Cautions:

1. Can not use the electric generator to test the LED light.
2. Please abide by related country, regional and local law and regulations when install this fixture.
3. Please turn off the power before installation or maintenance.
4. Proper earth grounding is required to ensure safety.

Notice:

1. To avoid possibility of electrical shock or fire, the installation personnel must have professional electric knowledge.
2. Please wear gloves to avoid injury before installation.
3. If any smoke or spark of the wire happened, please turn off the power immediately and notify relevant personnel.

Attention:

1. Please check if there is any damage during shipping. If so, please contact manufacturer timely.
2. Please read the installation instruction carefully to check whether all the accessories are complete. After confirmation, then install the fixture according to installation steps.

Wiring Diagram & Instruction:

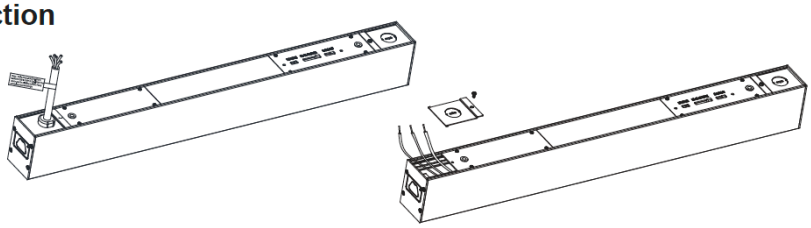
3 dimming functions are available in this high bay light:
1. Constant current can be achieved by 0/1-10VDC dimming;
2. PWM signal dimming;
3. Variation of resistance unit dimming.

Description:
This product is 0/1-10V dimming, below dimmers are recommened:

Brand	Model
LUTON	NTSTV-DV
LEVITON	DS710-10Z / IP710
LEGRAND	RH4FBL3PW

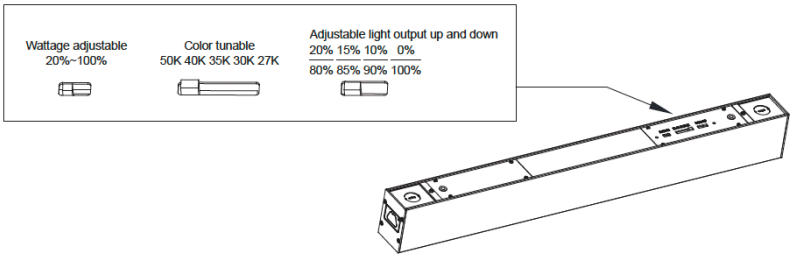
Wiring Instruction

L:Black,
N:White,
⏚: Green/Yellow
DIM +
DIM -



Please choose the appropriate dimming way according to your needs.You can also choose not to use this function.

CCT, wattage, up & down light output ratio selectable:



ITEM | **30035-30036 LA03 LED LINEAR STRIP LIGHT**

Project:_____ Type:_____

Name:_____ Date:_____

INSTALLATION INSTRUCTIONS

Installation Instructions of LED Linear Light —— Suspension Mounting:

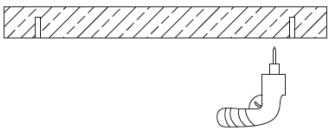
1. Installation Kits:



Thread locking screw | Anchor wall 2pcs | Screw KA4*30 2PCS | Ceiling mounted kits(A and B) | Stainless steel cable 2pcs

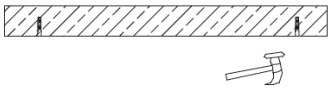
2. Installation Steps for Single Linear Light:

①



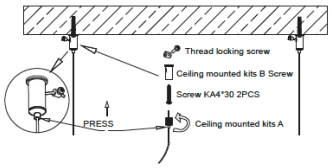
Drill two holes matching the size of M4 screws on the ceiling as shown above.

②



Tap the wall anchor into the hole.

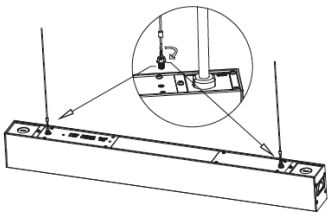
③



Thread the stainless cable into the hole by pushing the cylindrical thread locker in the direction of the arrow as shown.

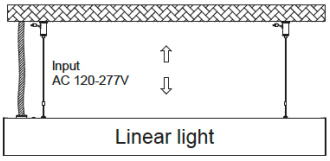
Pass KA4*35 screw through the ceiling mounted kitsB, and then inserted into wall anchor. Lead the stainless steel cable out of the ceiling mounted kits A, then twist the ceiling mounted kits B into the ceiling mounted kits A.

④



Thread the screw on the end of the stainless cable into the corresponding reserved hole of the fixture.

⑤



Adjust the height through the cable locker. Lit the linear and finish installation.

1、Make sure power off before installation or disassembly.
2、Two workers are needed to install the linear.
3、The maximum connection Power is 700W
4、Make sure the connection of 2 lights can only be end A of one light to end B of the other light or end B of one light to end A of the other light.

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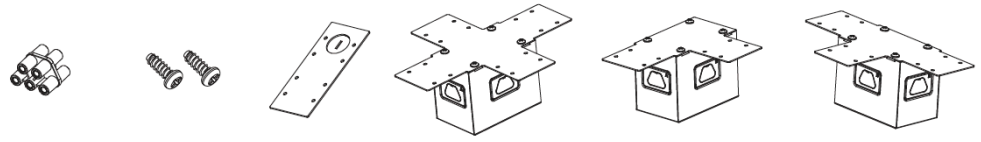
ITEM | **30035-30036 LA03 LED LINEAR STRIP LIGHT**

Project:_____ Type:_____

Name:_____ Date:_____

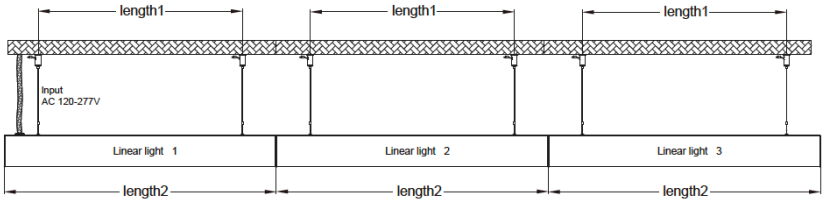
INSTALLATION INSTRUCTIONS

Multi shapes installation instruction: Straight, L, T and + Connectors:

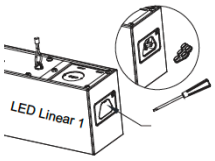


five-hole socket | PB3*8 screws | PB3*8 screws | + shape joint nnector | L shape joint connector | T shape joint connector

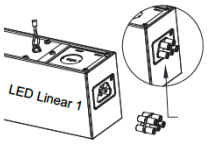
1. Linear connection installation steps: connection of multiple lights.



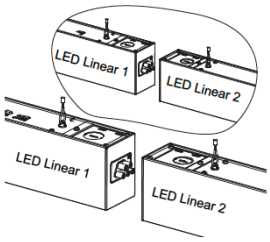
LED linear	Length 1	Length 2
2FT	451±10mm	601±5mm
4FT	1070±10mm	1219±5mm
8FT	2288±10mm	2438±5mm

① 

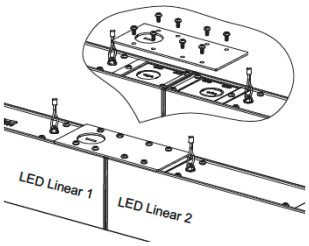
Take off the socket cover with a screwdriver.

② 

Insert the five-hole plug into the socket.

③ 

Connect the 2 lights together, and make sure the connection of 2 lights can only be end A of one light to end B of the other light or end B of one light to end A of the other light.

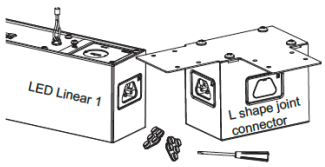
④ 

Fix the straight shape joint connector on the 2 lights with 8pcs PB3*8 screws (installation finished).

INSTALLATION INSTRUCTIONS

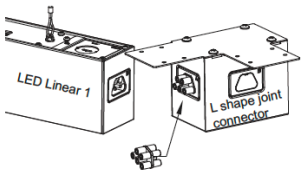
2. L shape joint installation steps.

①



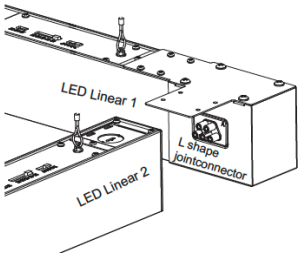
Take off the socket cover of LED Linear 1 and L shape joint connector with a screwdriver (Figure 1).

②

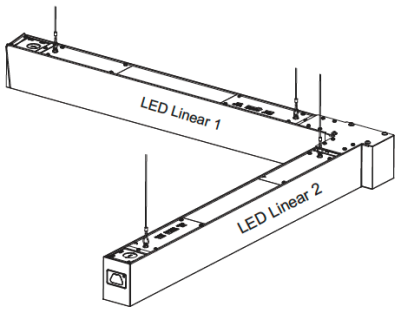


Insert the five-hole plug into the socket of LED Linear 1 or L shape joint connector(Figure 2), and then connect the LED Linear 1 and L shape joint connector together and fix them with PB3 screws (Figure 3).

③

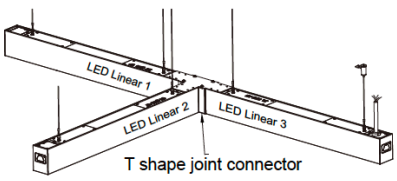


④



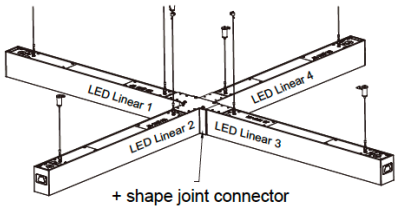
Connect the LED Linear 2 and L shape joint connector together and fix them with PB3*8 screws (Figure 3 & 4).

⑤



For installation steps of T shape joint connector, please refer to the installation steps of L shape joint connector.

⑥



For installation steps of + shape joint connector, please refer to the installation steps of L shape joint connector.