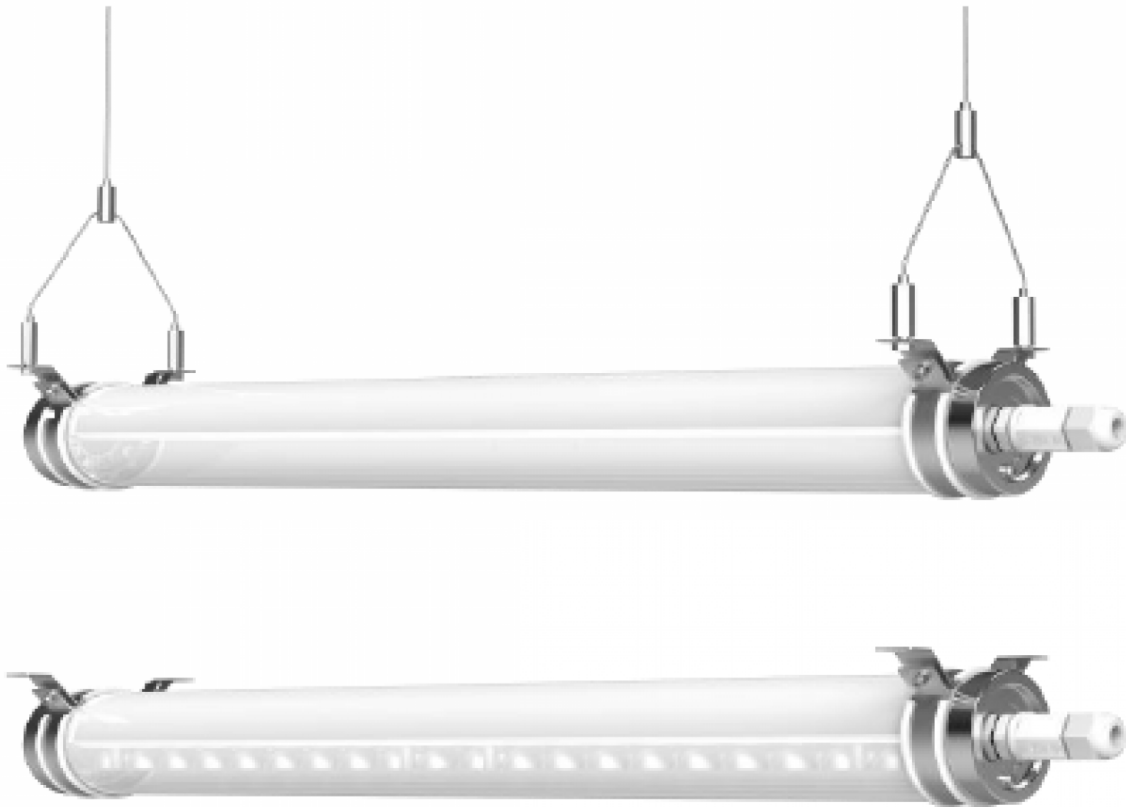


LAHAN -TUBULAR

Dia84x1390mm Max IP69 Max 50W



LAHAN -TUBULAR is an innovative LED Tular light which can be used very flexibly. Be it aviaries, Animal farm, Swimming Pool (Chlorine gas), Chemical factory, Office, or Food industry factory, there are nearly no boundaries.

- IP69K, against water pressure of 100bar(1450psi) and temperature of 80°C
- PMMA clear/milk cover(anti-corrosion), PC clear/milk cover(IK10).
- Quick connection. It can be linkable together one by one.
- Surface Mount or Suspended
- 1-10v, DALI optional

Technical Data

Luminaire Type-安裝方式 Tipo de luminaria	Pendant Mounted / Ceiling Mounted / Wall Mounted 吊掛式/吸頂式/壁掛式 Montado en suspensión / Montado en techo / Montado en pared
Dimension-尺寸-Dimensión	• L: 600 x W: 84 x H: 120mm • L: 1128 x W: 84 x H: 120mm • L: 1390 x W: 84 x H: 120mm
Power Consumption Max-燈具功率 Consumo de energía Max	L: 600 x W: 84 x H: 120mm @ 16W 20W L: 1128 x W: 84 x H: 120mm @ 30W 40W L: 1390 x W: 84 x H: 120mm @ 45W 50W
Input Voltage-輸入電壓-Voltaje de entrada	AC220-240V 50/60HZ
LED Driver Type LED驅動款式 Tipo de controlador LED	Integrated-type LED Driver--Refer to LED driver specification 請參閱LED驅動器規格 Consulte la especificación de controlador de LED 1. ON/OFF Switch AC100-240V 50/60HZ 2.1 -10V Dimming Driver AC100-240V 50/60HZ 3. Dali Dimming Driver AC100-240V 50/60HZ or DC48V with Dali Dimming 4. Remote Type Emergency Battery Kit with battery Back up 2 hours or 3hours
LED Driver Features驅動特性 Funciones del controlador de LED Surge Protection	POWER FACTOR : PF>0.90 Refer to LED Driver Data sheet TOTAL HARMONIC DISTORTION: THD< 20% Refer to LED Driver Data sheet 1KV line-line, 2KV line-earth
Control Protocol-控制協議 Protocolo de Control	0-10V / Dali
Beam Angle/光束角/ángulo de haz	60° 90° 120°
Light Source Brand-光源品牌-Fuente de luz de marca	OSRAM LED
"Lumen Maintenance LM-80 Reported by TM-21" @Ta=25°C	L70 > 60,000 hrs
LED Life-LED壽命-La vida del LED	>60,000 hours
Color Temperature -色溫Temperatura del color	2700K / 3000K / 4000K / 5000K / 6500K
Color Rendering Index-顯色指數 Índice de reproducción cromática	> 80
MacAdam Ellipses Binning 麥克亞當橢圓分級 Mac Adam binning ellipse	Standard Deviation Colour Matching < 3 SDCM 標準偏差配色 < 3 SDCM Coincidencia de color estándar Desviación < 3 SDCM
Luminaire Efficacy 燈具效率 La eficacia de la luminaria	90 lm/w(2700K), 90lm/w(3000K), 100 lm/w(4000K), 110 lm/w(5000K), 110 lm/w(6500K)
LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia	130 lm/w(2700K), 130lm/w(3000K), 140 lm/w(4000K), 150 lm/w(5000K), 150 lm/w(6500K)
Housing materials-外殼材料 Materiales de la carcasa	Clear or Milky or PMMA Polycarbonate with Stainless Steel and Aluminum Alloy 透明或乳白色 PC或PMMA 與不銹鋼和鋁合金
Housing Color外殼顏色 color de la carcasa	Color: Milky Polycarbonate or PMMA with Stainless Steel or Clear Polycarbonate or PMMA with Stainless Steel 顏色: 乳白色PC或PMMA搭配不銹鋼, 或透明PC或PMMA搭配不銹鋼
Ingress Protection-防護等級 Protección de ingreso	• IP67 • IP69
Mech impact protection 機械衝擊保護 Protección contra impactos mecánicos	IK10 (PC Polycarbonate Diffusor Only)
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcionamiento	-20 °C / +50 °C
Operating Humidity -工作濕度 Humedad de funcionamiento	0~90%, non-condensing-不結霜 sin condensación
Comply Testing Standard 符合測試標準 Cumplir el estándar de prueba	LED Luminaries: LVD: IEC/EN 60598-1;EN / IEC/EN 60598-2-1;IEC62471;IEC/EN 62031; IEC/EN 62493 ; IEC/EN 62471(Risk Group 1)EN60598-2-22 Hot Wire Testing: 850°C LED Driver: IEC/EN 61347-1; IEC/EN 61347-2-13; IEC/EN 62384; IEC/EN 61000-3-2; IEC/EN 61000-3-3;IEC/EN61574;EN 55015 ; IEC /EN 62384
Certification-認證-Certificación	     

Project	Fixture#	Date
		Firm

Ordering Information

Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

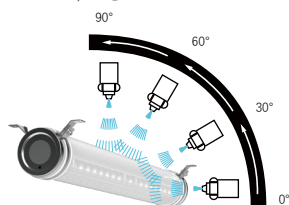
Example product code: [LANAN-20W](#)

LAHAN- - _____
Power Consumption

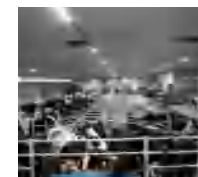
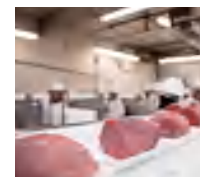
Power Consumption	
Code	Description
16W	16W@ L: 600 x W: 84 x H: 120mm
20W	20W@ L: 600 x W: 84 x H: 120mm
30W	30W@ L: 1128 x W: 84 x H: 120mm
40W	40W@ L: 1128 x W: 84 x H: 120mm
45W	45W@ L: 1390 x W: 84 x H: 120mm
50W	50W@ L: 1390 x W: 84 x H: 120mm

Features:

- High degree of protection IP69K with PMMA/PC cover.
- Milky PC/PMMA, clear PC/PMMA and glass housing optional.



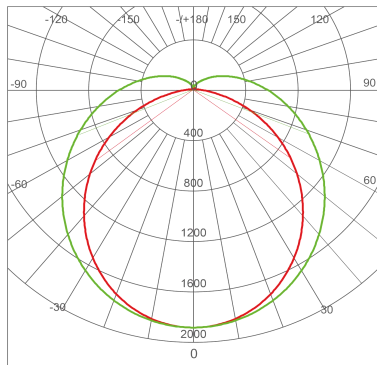
- An i-corrosion, suitable for Food Processing, Farm Livestock, Swimming Pool ect applications.



- 60 deg or 90deg honeycomb diffuser inside for low UGR .

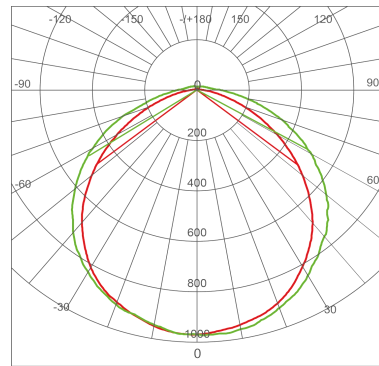


Beam Angle



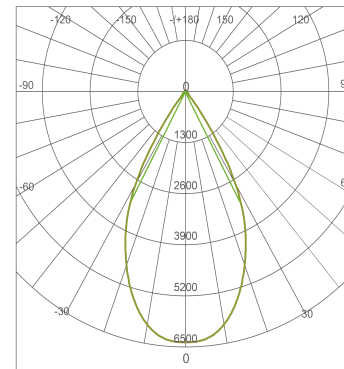
Milky Diffuser

120°



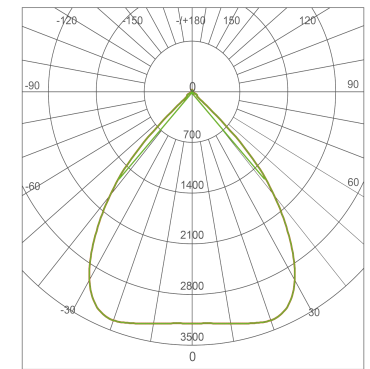
Milky Diffuser

120°



Clear PC with PMMA Lens

60°

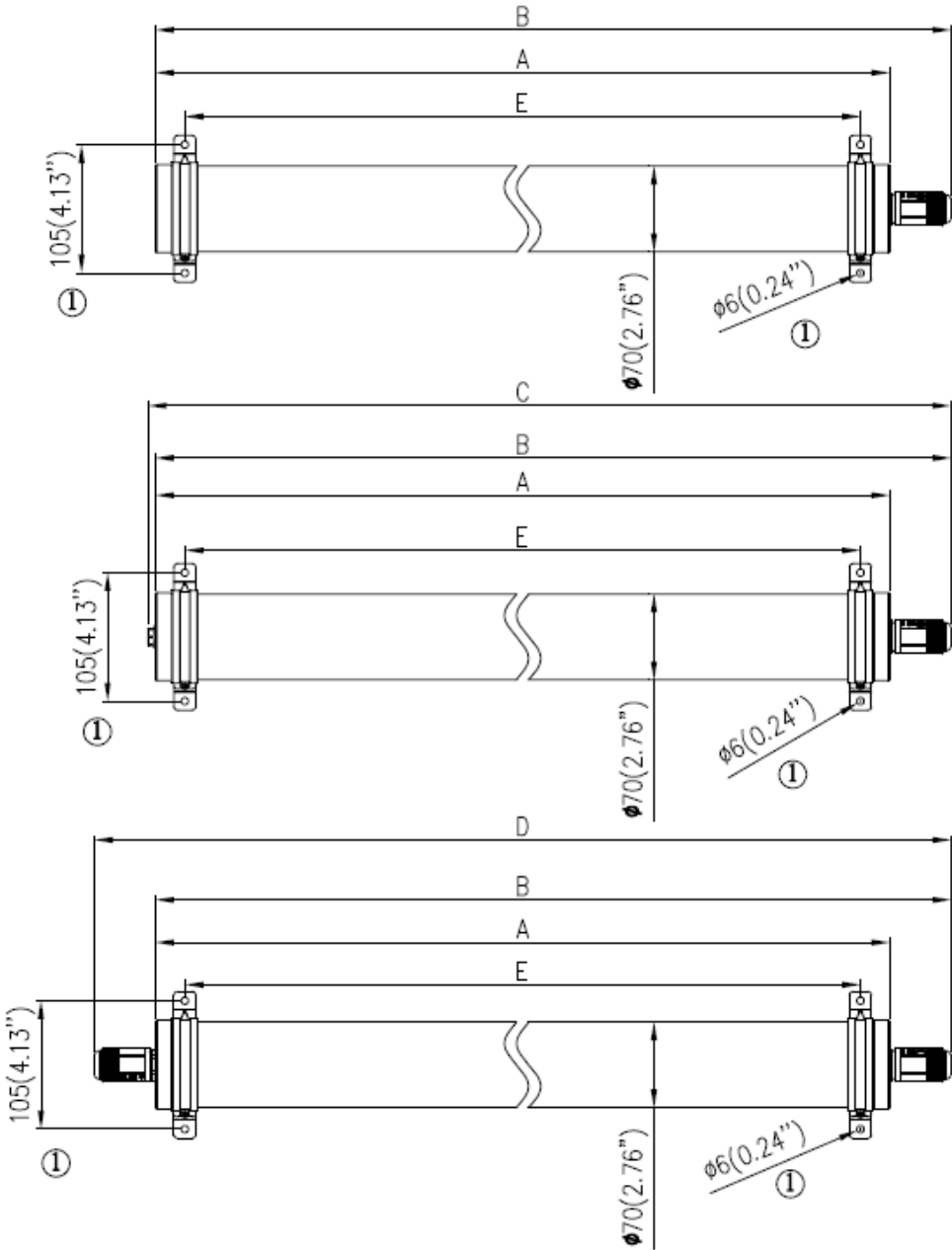


Clear PC with PMMA Lens

90°

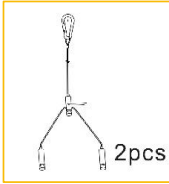


Technical Drawing

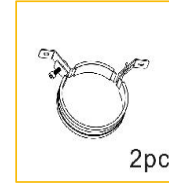


A		B		C		D		E	
mm	in	mm	in	mm	in	mm	in	mm	in
600	23.62	650	25.59	656	25.83	700	27.56	552	21.73
1128	44.41	1178	46.38	1184	46.61	1228	48.35	1080	42.52
1390	54.72	1440	56.69	1446	56.93	1490	58.66	1342	52.84

A-Length of the body;
B-Length of the body with single connector;
C-Length of the body with single connector and vent;
D-Length of the body with double connectors.
E-Length between the bracket installation holes

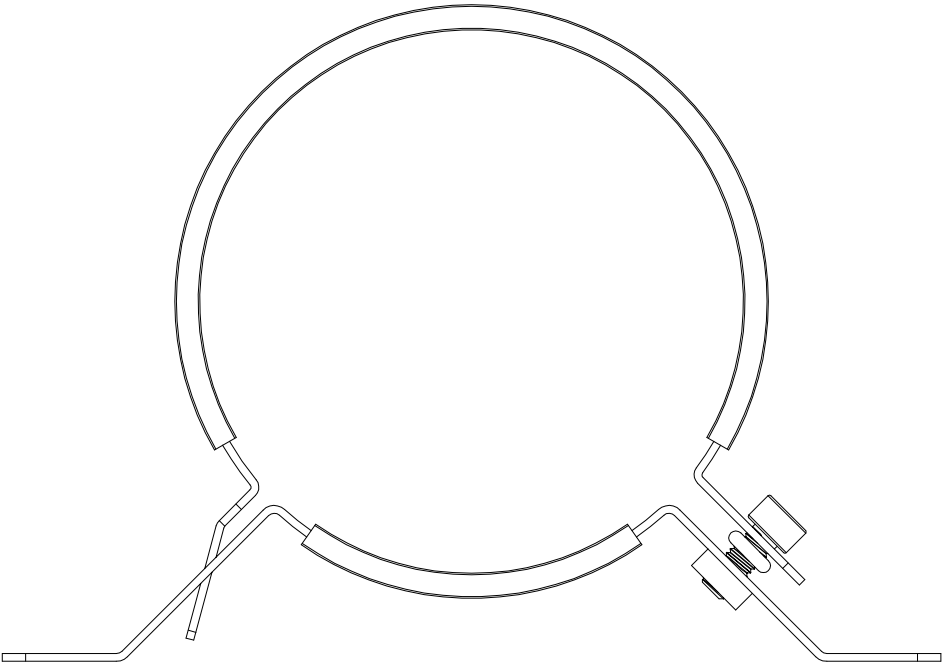
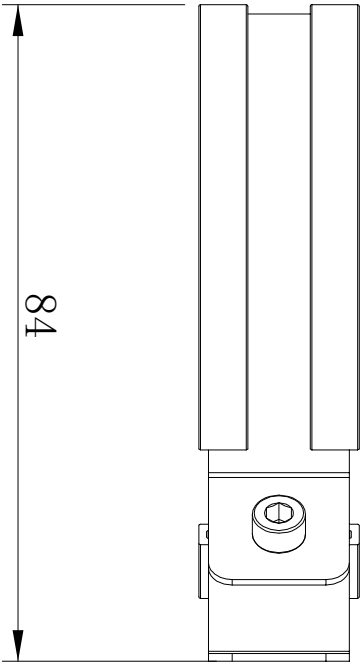
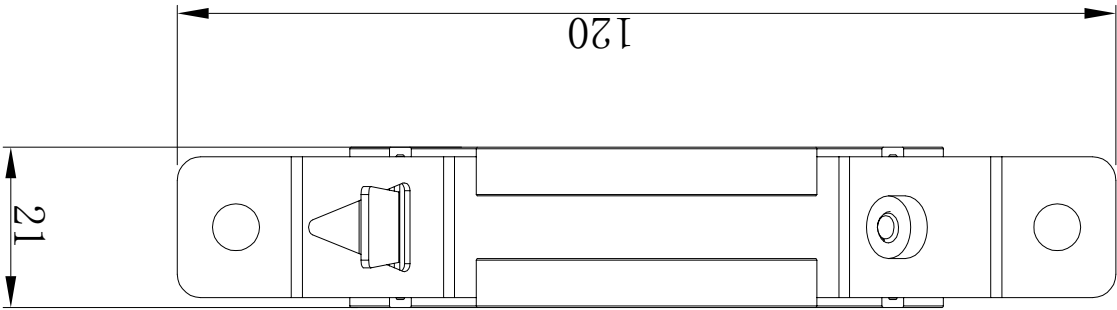


Suspension kit
304 stainless steel, available for 1.5m long.
Code: DM-L13-01



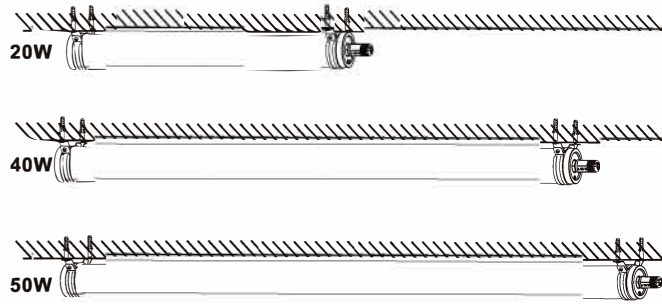
Ceiling mount bracket
316 stainless steel.
Code: DM-L13-01

Unit: mm



Unit: mm

Installation Instructions

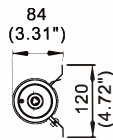
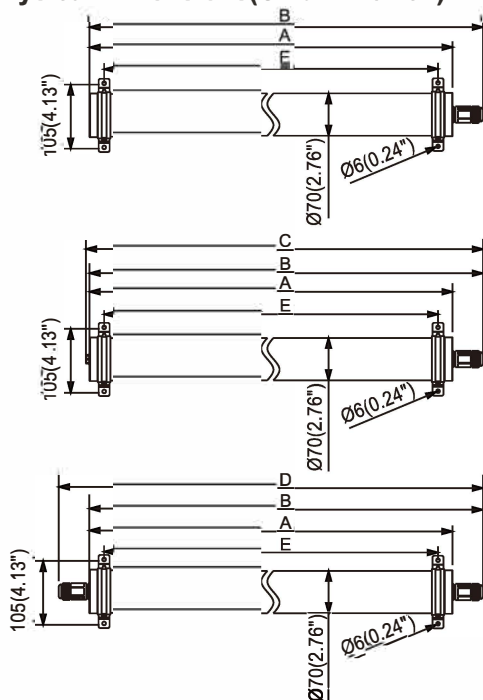


Packing List	
	2pcs
	4pcs
	4pcs

100-277VAC/
220-240VAC
50/60Hz

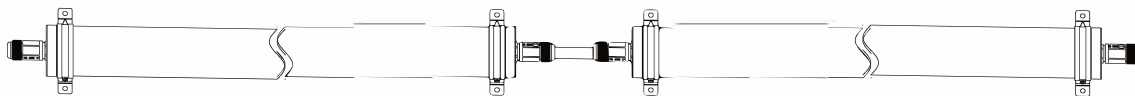


Physical Dimensions(Unit: mm/inch)



A-Length of the body;
B-Length of the body with single connector;
C-Length of the body with single connector and vent;
D-Length of the body with double connectors.
E-Length between the bracket installation holes

A		B		C		D		E	
mm	in	mm	in	mm	in	mm	in	mm	in
600	23.62	650	25.59	656	25.83	700	27.56	552	21.73
1128	44.41	1178	46.38	1184	46.61	1228	48.35	1080	42.52
1390	54.72	1440	56.69	1446	56.93	1490	58.66	1342	52.84



Carrying capacity of the breaker(100-277V)

Power \ Breaker	B16	B25	B60(Max)	C16	C25	C60(Max)
20W	24PCS	37PCS	72PCS	41PCS	62PCS	72PCS
40W	24PCS	33PCS	33PCS	33PCS	33PCS	33PCS
50W	24PCS	27PCS	27PCS	27PCS	27PCS	27PCS

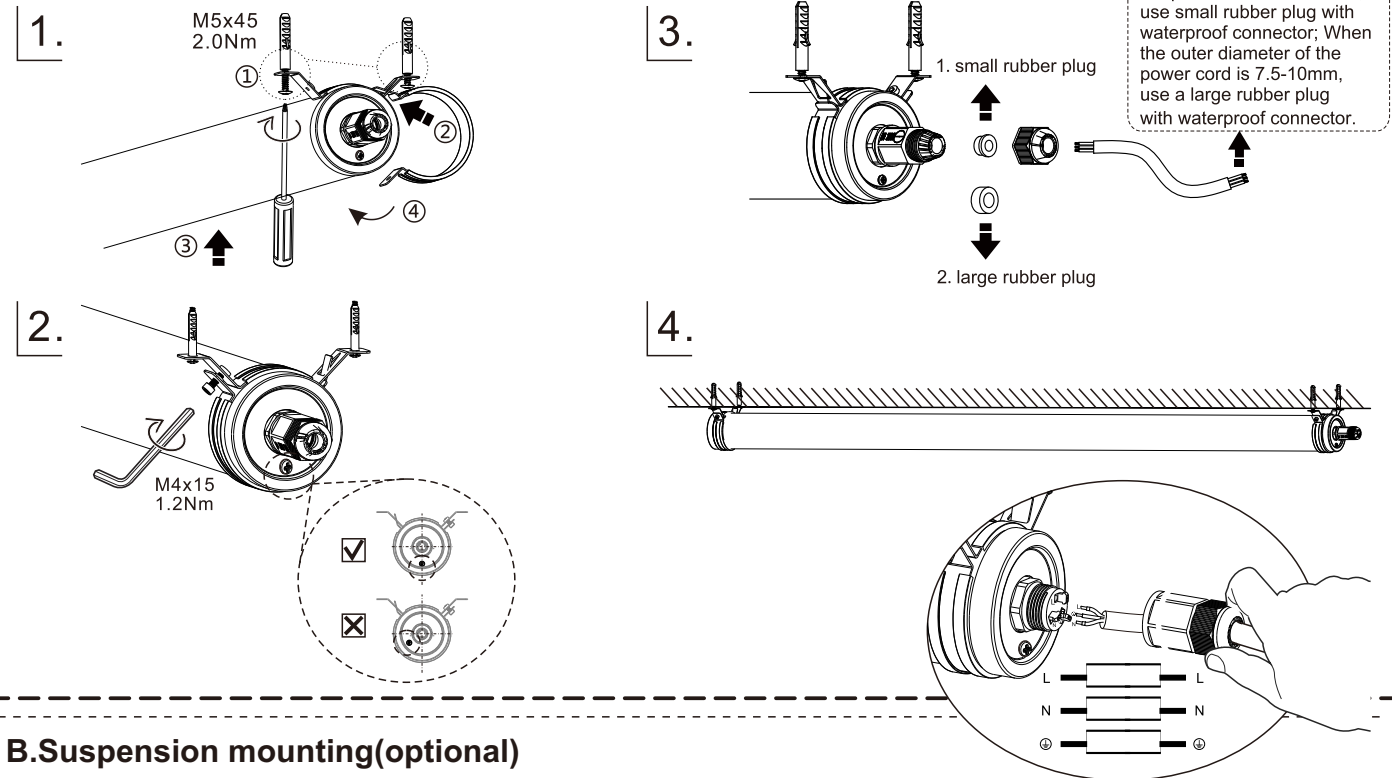
Carrying capacity of the breaker(220-240V)

Power \ Breaker	B16	B25	B60(Max)	C16	C25	C60(Max)
20W	10PCS	15PCS	30PCS	20PCS	26PCS	30PCS
40W	20PCS	31PCS	33PCS	34PCS	34PCS	34PCS
50W	11PCS	17PCS	27PCS	18PCS	27PCS	27PCS

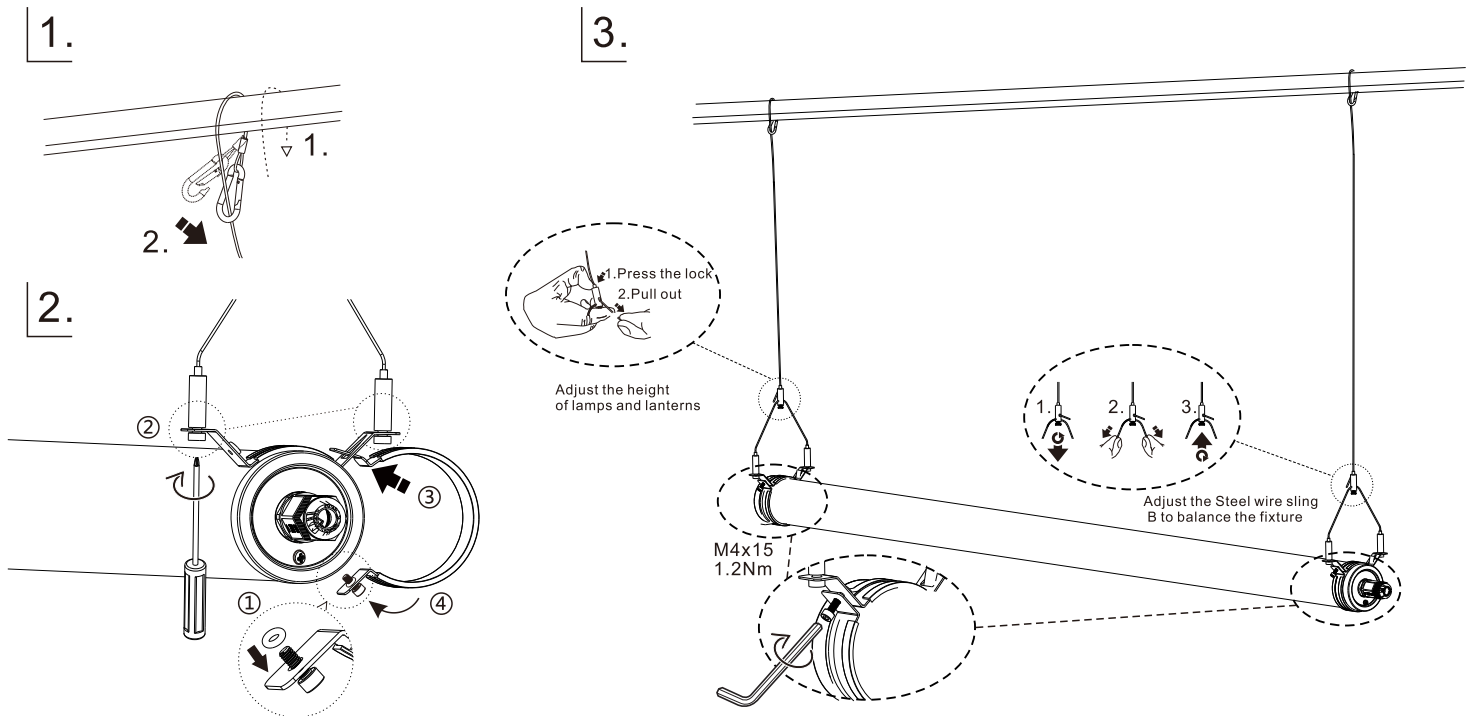
When using three phase electricity, the qty of spliced fixtures can be 3 times of that using single phase.
Above info is just for reference, in practice please also consider the difference of the breaker of different brands/items.

Installation Instructions

A.Ceiling mounting



B.Suspension mounting(optional)



AC cords

L	brown	black
N	blue	white
⊕	yellow/green	green

DIM cords

Note: color for dim cords subject to the cable label on luminaire



Warning! Do not wire dim cord to high voltage, or dim function will fail.

if the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.