

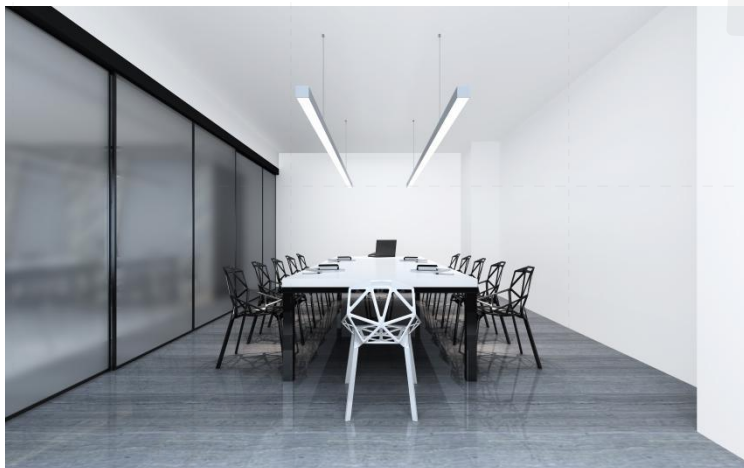
Specification

Linear lighting system

LS7977

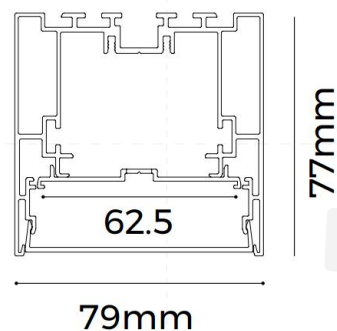


LS7977

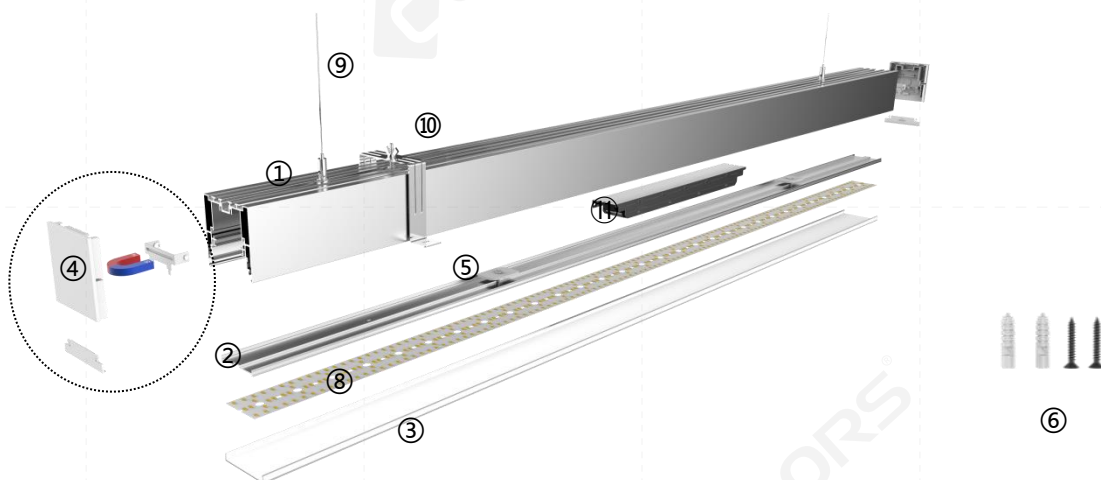


Features

- Creative magnetic end cap, connect in seconds
- Designed in creative carrier buckle extremely convenient for installation and maintenance
- Designed in anti-leaky block piece, perfect details
- PC diffuser imported from Germany, producing homogeneous & soft lighting
- Provide standard extenders, customizable interconnected corners
- Built-in linear power supply, invisible and beautiful
- Various installation ways: pendant, recessed, surface and wall mounted



Details

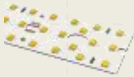


Standard Configuration

Picture	Item	Parameter	Model
	①Profile ②Carrier:	Profile weight: 2.25kg/2.5m Size: L2500*W79*H77mm Material: AL6063-T5 Surface processing: Anodizing	LS7977
	③Cover	Type: Frosted diffuser Material: PC Light transmittance: 86% Size: L2500*W72.3*H10mm PC Feature: The diffuser will extend (shrink) 0.8mm/m when the temperature raises (drops) 10°C.	/
	④End cap	Size: L79*W77*H11.5mm	EC-LS7977
	⑤Quick locker	Size: L48.5*W22*H9mm	BK-03
	⑥Screw set	Size: M3.5*40mm	CL-01



Optional Accessories

Picture	Item	Parameter	Model
	⑧Flexible strip	Material: FPC,CCT:1900/2300/2700/3000/3500/4000/5000/6000K; CRI > 80/>95; Voltage: 24V; Power: 30W/m; Lumen: 3900Lm/m; Width: 59mm; Minimum cutting unit: 21LEDs/50mm;	D8420-24V-59mm
	⑧Rigid modular	Material: FR4,CCT:1900/2300/2700/3000/3500/4000/5000/6000K; CRI > 80/>95; Voltage: 24V; Power: 30W/m; Lumen: 3900Lm/m; Width: 62mm; Minimum cutting unit: 21LEDs/50mm;	DY8420B-24V-62mm
	Pendant cable with junction box	Junction box L80*W80*H30mm Other: 2/4m optional	PY-D
	Pendant cable without junction box	Steel cable D1.5*2000/4000mm Other: 2/4m optional	PN-D
	Recessed buckle	Size: L135.4*W25*H90mm	RE-04
	Surface mounted buckle	Size: L126*W54*H5.9mm	CL-09
	Power supply (Non-dimming)	Size: L365*W30*H18mm Input voltage: AC220-240V; Frequency: 50-60Hz Output voltage: 24V; Max. current: 4.17A PF: ≥0.95; Efficiency: 0.91; Power: 100W Certification: CE/CB	BN-V24-100P-V1
	Power supply (DALI-dimming)	Size: L355*W30*H21mm Input voltage: AC200-240V; Frequency: 50-60Hz Output voltage: 24V; Max. current: 4.2A PF: ≥0.95; Efficiency: 0.90; Power: 100W Certification: TUV/CE/RCM	BK-DGV100-24V0D
	Power supply (1-10V-dimming)	Size: L355*W30*H21mm Input voltage: AC200-240V; Frequency: 50-60Hz Output voltage: 24V; Max. current: 4.2A PF: ≥0.95; Efficiency: 0.92; Power: 100W Certification: TUV/CE/RCM	BK-MGV100-24V0M
	Dimming solution accessory kit	Include 5PIN cable inside luminaire(3 of 18#, 2 of 22#, L=2600mm), 3 sets of male and female terminals.	CM-03



Picture	Item	Parameter	Model
	Non-dimming solution accessory kit	Include 3PIN cable inside luminaire (3 of 18# cables, L=2600mm), 2 sets of male and female terminals.	CM-04
	Non-dimming solution accessory kit	include 3PIN cable outside luminaire (3 of 18# cables, L=2600mm), 1 set of male and female terminals.	CM-05
	Dimming solution accessory kit	Include 5PIN cable outside luminaire (3 of 18#, 2 of 22#, L=2600mm), 2 sets of male and female terminals.	CM-06

Corner fittings

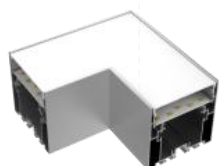
EX-E1 (I-type 180°)	EX-E2 (L-type 90°)	EX-E3 (L-type 90°)	EX-E4 (T-type 90°)
			
EX-E5 (X-type 90°)	EX-E6 (L-type 120°)	EX-E7 (7-type 60°)	EX-E8 (L-type 120°)
			
EX-E9 (Y-type 120°)	EX-E10 (L-type 60°)	EX-E11 (X-type 60°+120°)	EX-E12 (T-type 60°+120°)
			



EX-23				
				

Corners

L-type corner (L90-LS7977)



Al6063-T5&PC
7W
L150*W150*H77mm

L-type inner corner(L90N-LS7977)



Al6063-T5&PC
6W
L150*W150*H79mm

L-type exterior corner(L90W-LS7977)



Al6063-T5&PC
9W
L150*W150*H79mm

T-type corner(T90-LS7977)



Al6063-T5&PC
8W
L200*W150*H77mm

X-type corner(X90-LS7977)



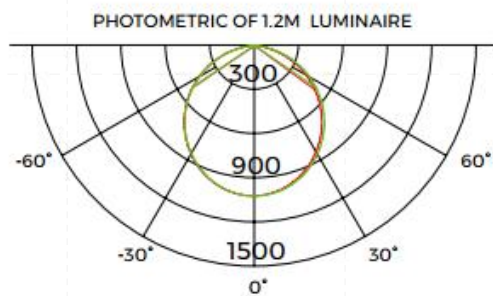
Al6063-T5&PC
10W
L200*W200*H77mm

* The corners can be provided with or without light source.



Optical Parameter

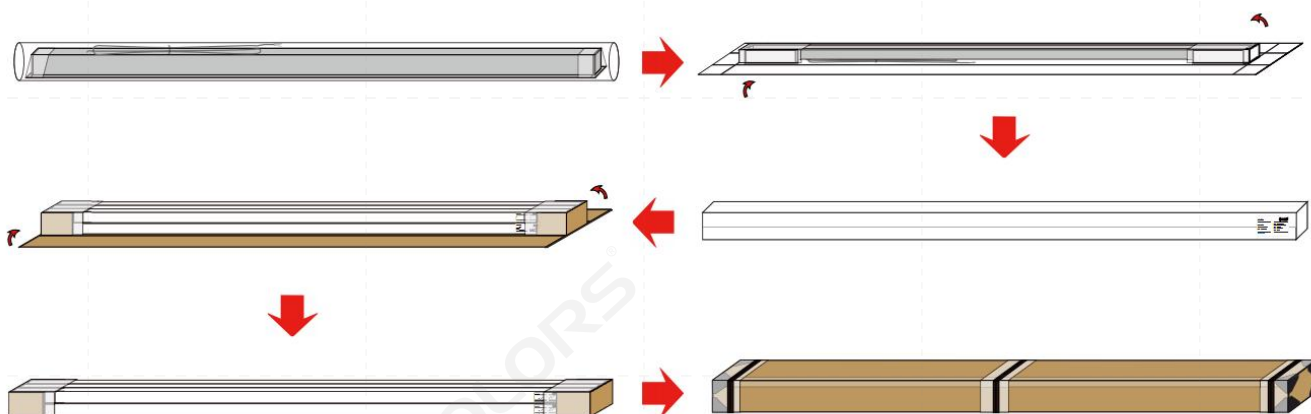
D8420-24V-59mm light source, frosted diffuser



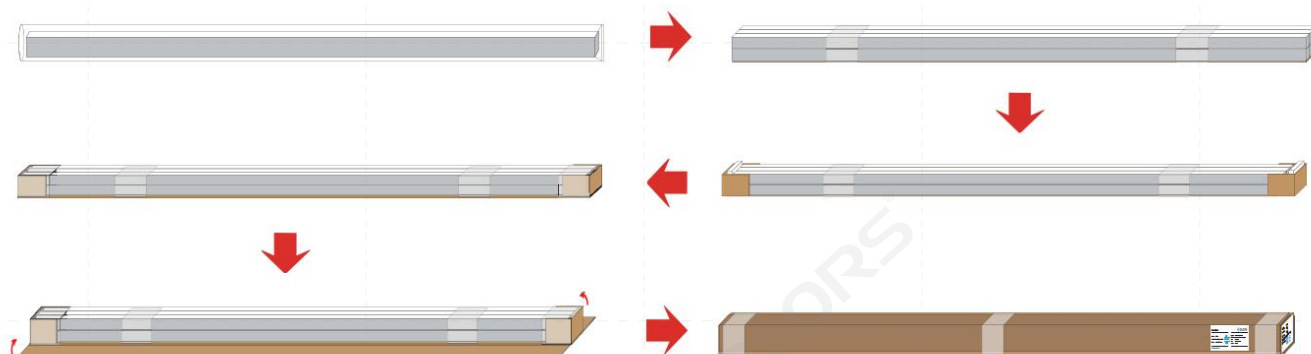
1m	298.6,1018lx	285.79cm	
2m	74.65,254.5lx	571.57cm	
3m	33.18,113.1lx	857.36cm	
5m	11.94,40.7lx	1428.94cm	
7m	6.094,20.77lx	2000.51cm	
Height	Eavg,Emax	Angle:110.03deg	Diameter

Package

Mode 1 :



Mode 2 :



Components	Packaging material	Size(mm)	NW(kg)	GW(kg)	Content
Single piece	Hat box	2560*106*90mm	4.62	5.37	1pcs/box
Whole bundle	Hat box	2580*242*204mm	18.48	21.48	4pcs/box
Whole box packaging	Paper box	2580*188*182mm	18.48	21.48	4pcs/box

