COLORS
Linear Lighting

Version V1.0

Specification

Linear lighting system

LR5535(B)

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Version V1.0

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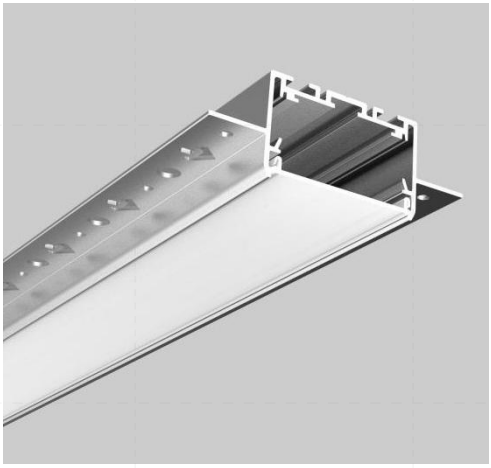
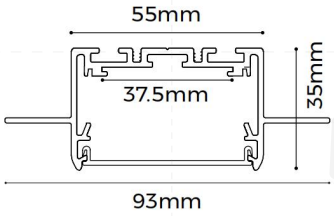
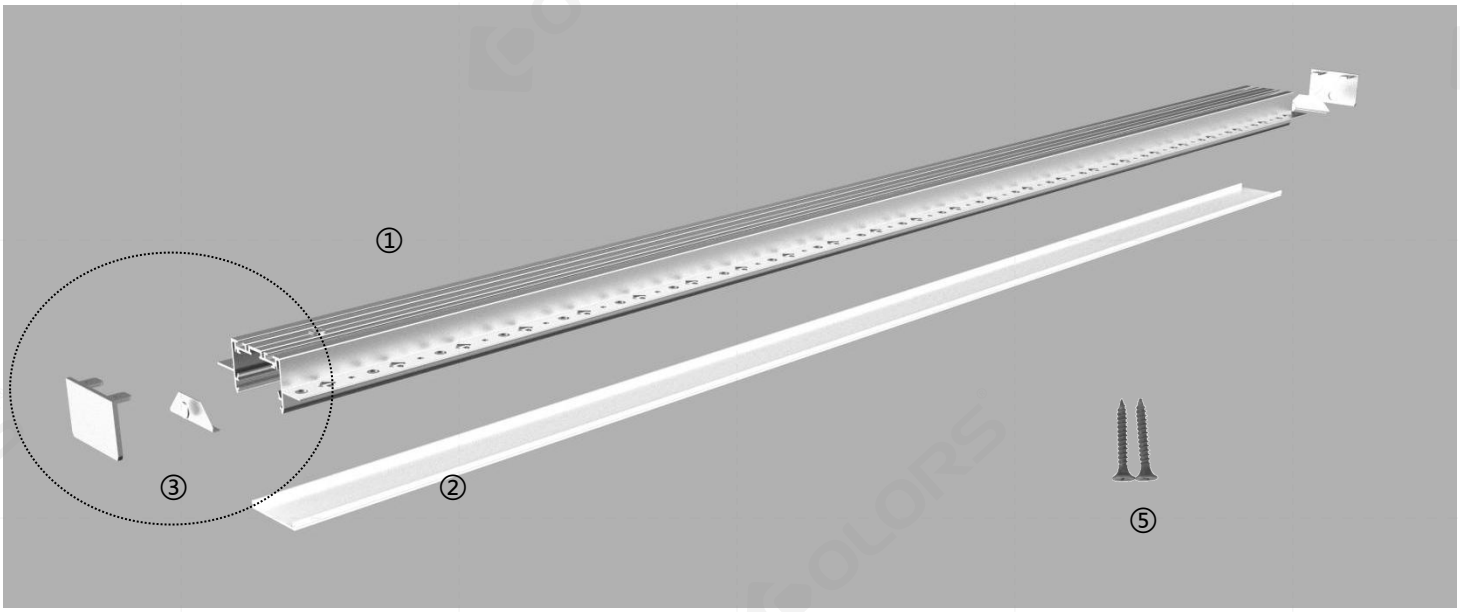


Features

- Several optional diffuser: general PC diffuser, flexible PC diffuser, flexible anti-glare diffuser, black diffuser, aluminium blind diffuser
- 50mm large luminous surface， rimless recessed design, integrated into architecture.
- Leakage proof shield design, perfect details.
- AL6063-T5 aluminum profile with high-quality surface treatment, black, white and silver are optional.
- Multiple optional connectors： 180 ° direct connection, L type, T type, X type



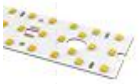
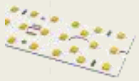
Details

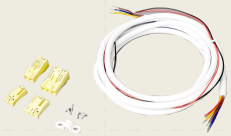


Standard Configuration

Picture	Item	Parameter	Model
	①Profile	Profile weight：2.55kg/2.5m Size：L2500*W93*H35mm Material：AL6063-T5 Surface processing：Anodizing	LR5535(B)
	②Cover	Type: Frosted diffuser Material：PC Light transmittance：75% Size：L2500*W48.8*H5.6mm PC Feature：The diffuser will extend (shrink) 0.8mm/m when the temperature raises (drops) 10℃.	/
	③End cap	Size：L55*W35*H22mm	EC-LR5535(B)
	⑤Install screw	Size：M3.5*40mm	CL-01

Optional Accessories

Picture	Item	Parameter	Model
	Flexible strip D8280-24V-34mm	Material：FPC,CCT:1900/2300/2700/3000/3500/4000/5000/6000K；CRI > 80/>95；Voltage：24V；Power：25W/m；Lumen：3250Lm/m；Width：34mm；Minimum cutting unit：28LEDs/50mm；	D8280-24V-34mm
	Flexible strip D8560SWW-24V-34mm	Material：FPC，CCT：2700-6000K；CRI > 80；Voltage：24V；Power： 25W/m；Lumen：2740Lm/m；Width：34mm；Minimum cutting unit：28LEDs/50mm；tunable white	D8560SWW-24V-34mm
	Rigid modular DY8280-24V-36mm	Material：FR4,CCT:1900/2300/2700/3000/3500/4000/5000/6000K；CRI > 80/>95；Voltage：24V；Power：25W/m；Lumen：3250Lm/m；Width：36mm；Minimum cutting unit：28LEDs/50mm；	DY8280B-24V-36mm
	Rigid modular DY8560SWW-24V-36mm	Material：FR4，CCT：2700-6000K；CRI > 80；Voltage：24V；Power： 25W/m；Lumen：2740Lm/m；Width：36mm；Minimum cutting unit：28LEDs/50mm；tunable white	DY8560SWW-24V-36mm
	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
	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

Picture	Item	Parameter	Model
	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

Cover type

Picture	Item	Parameter	Model
	②Cover	Type: Diffuse flexible mask Material: PC + silica gel Transparency: 70% Size: L50000*W48.7*H5.5mm	CV-LS5470FD(F)
		Type:Prismatic flexible mask Material: PC flexible/emboss Transparency: 60% Size: L50000*W48.7*H5.5mm	CV-LS5470FP(F)

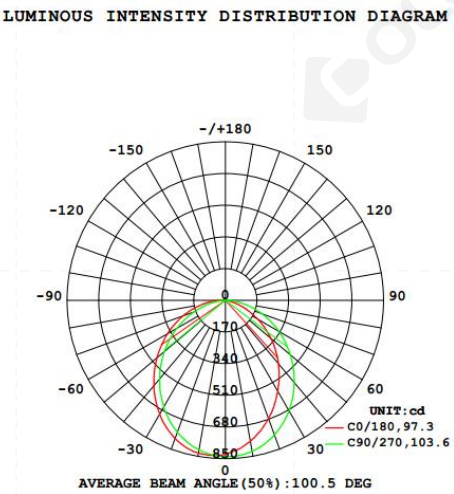
Corner fittings

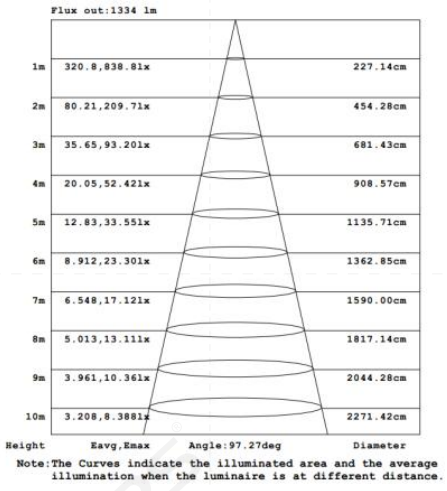
EX-E1 (I-type 180°)	EX-E2 (L-type 90°)	EX-E3 (L-type 90°)	EX-E4 (T-type 90°)

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 (7-type 60°)	EX-E11 (X-type 60°+120°)	EX-E12 (T-type 60°+120°)
EX-17			

Optical Parameter

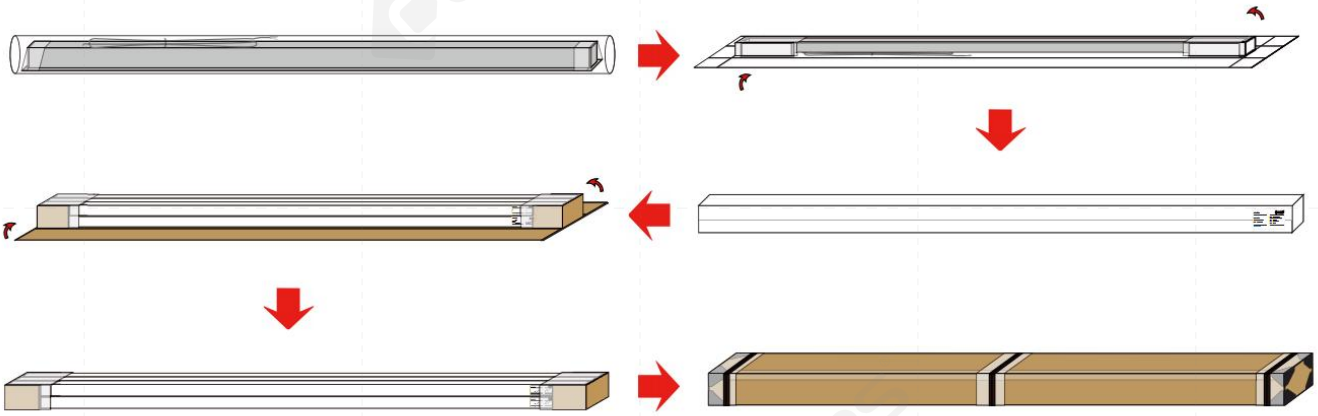
D8280-24V-34mm light source, frosted diffuser



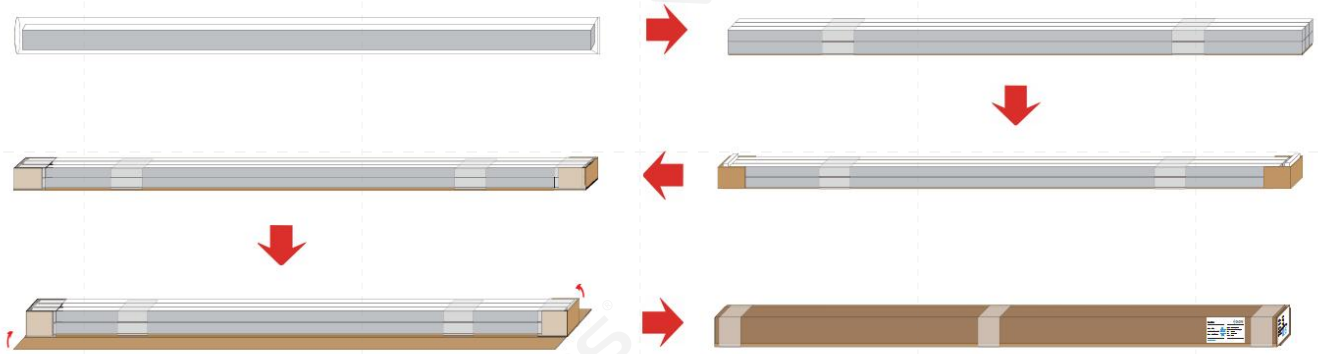


Package

Mode 1 :



Mode 2 :



Components	Packaging material	Size(mm)	NW(kg)	GW(kg)	Content
Single piece	Hat box	2560*113*61mm	2.52	3.02	1pcs/box
Whole bundle	Hat box	2580*256*207mm	15.3	18.3	6pcs/box
Whole box packaging	Paper box	2580*211*170mm	20.4	23.4	8pcs/box