

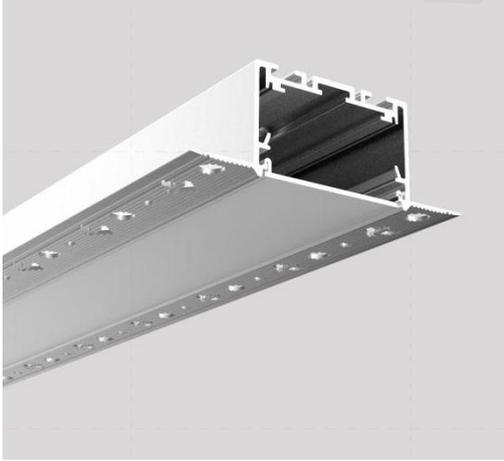
# Specification

Linear lighting system

LR5535(A)

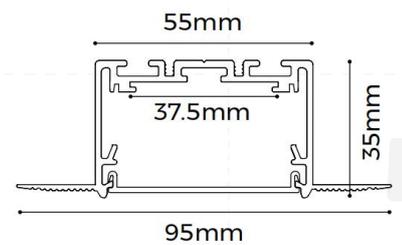


## LR5535(A)



### 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: 2.52kg/2.5m Size: L2500*W95*H35mm Material: AL6063-T5 Surface processing: Anodizing	LR5535(A)
	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°C.	/
	③End cap	Size: L55*W35*H22mm	EC-LR5535(A)
	⑤Install screw	Size: M3.5*40mm	CL-01

## Optional Accessories



Picture	Item	Parameter	Model
	Flexible strip	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	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	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	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: L5000*W48.7*H5.5mm	CV-LS5470FD(F)
		Type: Prismatic flexible mask Material: PC flexible/emboss Transparency: 60% Size: L5000*W48.7*H5.5mm	CV-LS5470FP(F)



**Corner fittings**

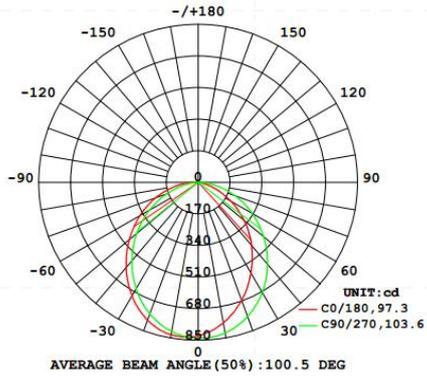
EX-E1 (I-type 180°)	EX-E2 (L-type 90°)	EX-E3 (L-type 90°)	EX-E4 (T-type 90°)
			
EX-E5 (X-type 90°)	EX-E6 (L-type 120°)	EX-E7 (7-type 60°)	EX-E8 (L-type 120°)
			
EX-E9 (Y-type 120°)	EX-E10 (7-type 60°)	EX-E11 (X-type 60°+120°)	EX-E12 (T-type 60°+120°)
			
EX-17			
			



## Optical Parameter

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

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



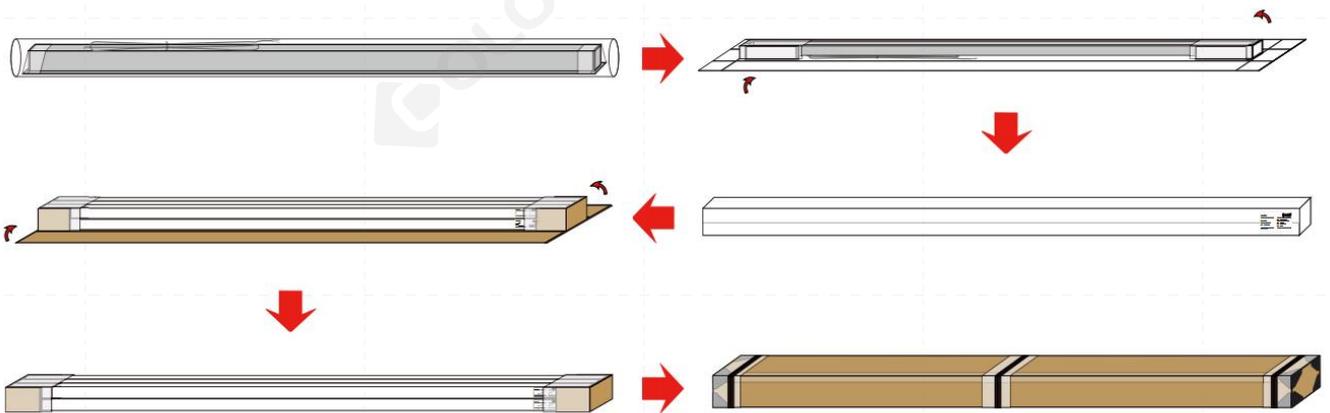
Flux out: 1334 lm

Height	Eavg, Emax	Angle: 97.27deg	Diameter
1m	320.8, 838.8lx		227.14cm
2m	80.21, 209.7lx		454.28cm
3m	35.65, 93.20lx		681.43cm
4m	20.05, 52.42lx		908.57cm
5m	12.83, 33.55lx		1135.71cm
6m	8.912, 23.30lx		1362.85cm
7m	6.548, 17.12lx		1590.00cm
8m	5.013, 13.11lx		1817.14cm
9m	3.961, 10.36lx		2044.28cm
10m	3.208, 8.38lx		2271.42cm

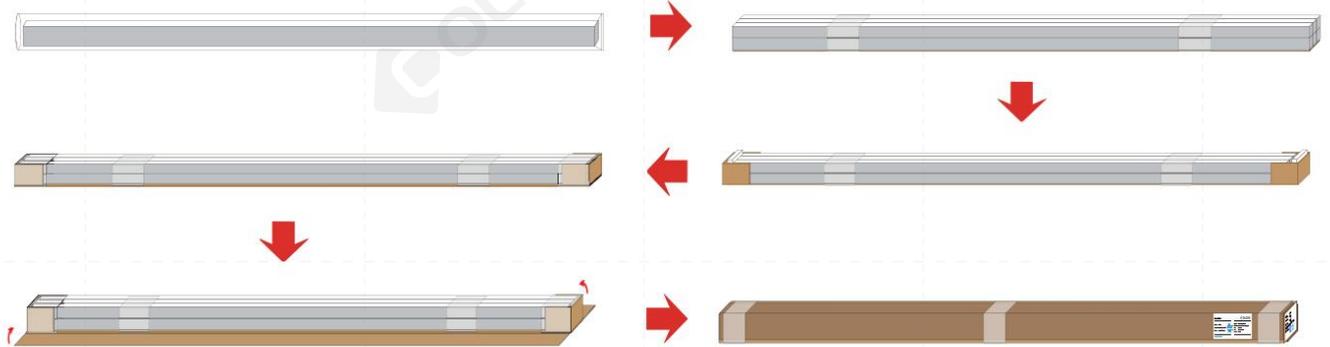
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

## Package

Mode 1 :



Mode 2 :



Components	Packaging material	Size(mm)	NW(kg)	GW(kg)	Content
Single piece	Hat box	2560*99*61mm	2.76	3.26	1pcs/box
Whole bundle	Hat box	2580*228*207mm	16.56	19.56	6pcs/box
Whole box packaging	Paper box	2580*182*169mm	22.08	25.08	8pcs/box

