Linear Specification

LM25

— SLIM series

Indoor | CE

LM25 【DC 24V】

【Feature】

· 25mm slemder lighting surface
· 120 LM/W high light efficiency design,lumen output up to 2375 Lm/m
· Multiple standard corner(L type,X type,T type optional),available for free connection.
· Multiple light distribution options(Diffuser,Prismatic,Round grating, Block frosted diffuser,Asymmetric,Double Asymmetric) to meet variety application requirements.
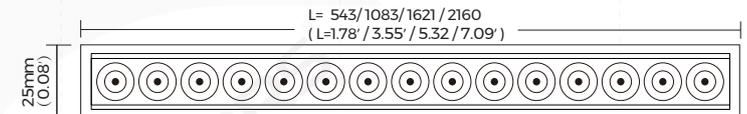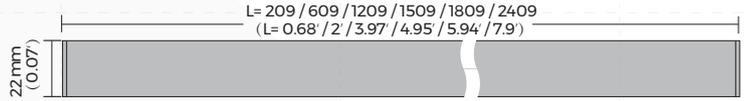· Provide surface mounted buckle,more convinient installation.

22mm (0.07')
25mm (0.08')
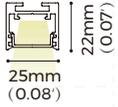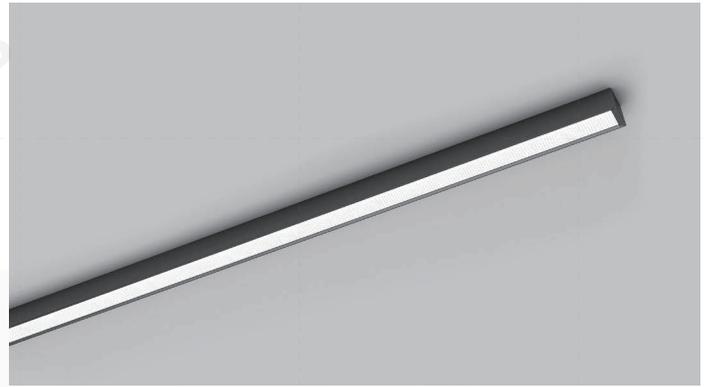
Basic Parameters

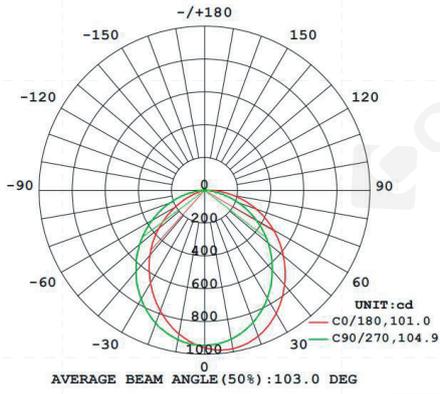|	
Profile material	AL6063-T5
Surface processing	Spraying RAL9003 ○ Spraying RAL9005 ● Anodizing ●
CCT	2700K 3000K 3500K 4000K 5000K 6500K
CRI	Ra80/Ra90

L= 209 / 609 / 1209 / 1509 / 1809 / 2409
(L= 0.68' / 2' / 3.97' / 4.95' / 5.94' / 7.9')
22mm (0.07')

L= 543 / 1083 / 1621 / 2160
(L=1.78' / 3.55' / 5.32' / 7.09')
25mm (0.08')

Silver   Black   White

【Optical & electronic data】

		200mm (0.66')	600mm (2')	1200mm (4')	1500mm (5')	1800mm (6')	2400mm (8')	L*(277*277mm) (1*1')	T*(529*277mm) (1.7*1')	X*(529*529mm) (1.7*1.7')
Diffuser		/	12W/1250LM	24W/2500LM	30W/3150LM	36W/3750LM	48W/5000LM	11W/1155LM	16W/1680LM	21W/2205LM
Prismatic		/	12W/1250LM	24W/2500LM	30W/3150LM	36W/3750LM	48W/5000LM	11W/1155LM	16W/1680LM	21W/2205LM
Block frosted diffuser		/	12W/1200LM	24W/2400LM	30W/3000LM	36W/3600LM	48W/4800LM	/	/	/
Asymmetric		6W/710LM	12W/1425LM	24W/2850LM	30W/3560LM	36W/4275LM	48W/5700LM	/	/	/
Double Asymmetric		6W/710LM	12W/1420LM	24W/2840LM	30W/3550LM	36W/4260LM	48W/5680LM	/	/	/
Bling cover		/	/	/	/	/	/	Available	Available	Available

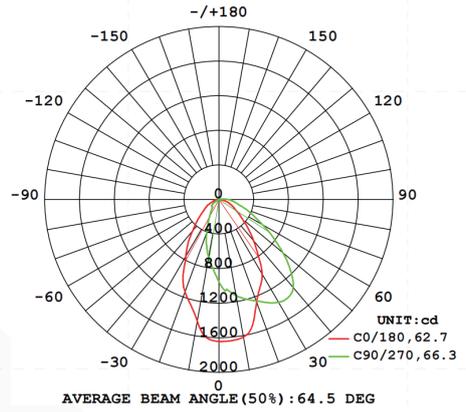|		200mm (0.66')	550mm (1.8')	1100mm (3.6')	1600mm (5.2')	1800mm (6')	2200mm (7.2')	L*(277*277mm) (1*1')	T*(529*277mm) (1.7*1')	X*(529*529mm) (1.7*1.7')
Round Grating 30°/50°		/	11W/850LM	22W/1700LM	33W/2550LM	/	44W/3400LM	/	/	/

Remark:
1、the tolerance of output data can be vary up to 10%;
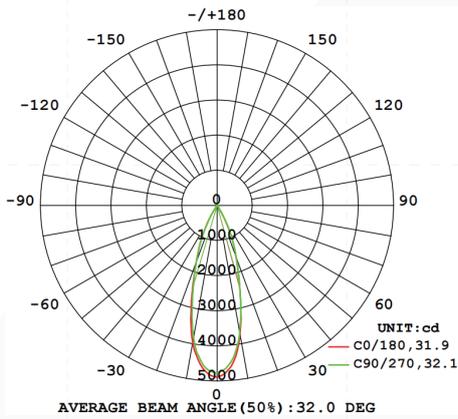2、the output data is typical value;

[1.2m luminaire test data]

Diffuser

UNIT:cd
C0/180,101.0
C90/270,104.9
AVERAGE BEAM ANGLE(50%):103.0 DEG

Prismatic

UNIT:cd
C0/180,62.7
C90/270,66.3
AVERAGE BEAM ANGLE(50%):64.5 DEG

Round Grating 30°

UNIT:cd
C0/180,31.9
C90/270,32.1
AVERAGE BEAM ANGLE(50%):32.0 DEG

Round Grating 55°

UNIT:cd
C0/180,54.6
C90/270,54.2
AVERAGE BEAM ANGLE(50%):54.4 DEG

Asymmetric

UNIT:cd
C0/180,48.1
C90/270,94.1
AVERAGE BEAM ANGLE(50%):71.1 DEG

Double Asymmetric

UNIT:cd
C0/180,88.0
C90/270,100.6
AVERAGE BEAM ANGLE(50%):94.3 DEG

Block frosted diffueser

UNIT:cd
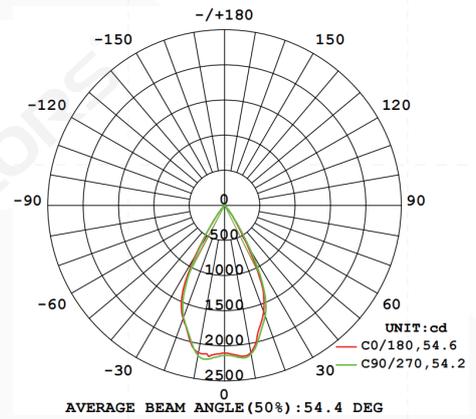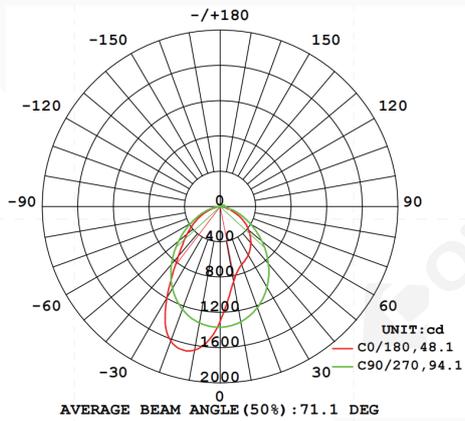C0/180,165.9
C90/270,112.0
AVERAGE BEAM ANGLE(50%):139.0 DEG

【Product mechanical data】

▭ Diffuser/Prismatic   ▨ Round Grating 30°/55°   ▭ Block frosted diffuser   ▤ Asymmetric/Double Asymmetric   ▬ Bling cover

Standard length

600mm (2')	2200mm (7.2')
1200mm (4')	1600mm (5.3')
1500mm (5')	1100mm (3.6')
1800mm (6')	550mm (1.8')
2400mm (8')	

600mm (2')	2400mm (8')
1200mm (4')	1800mm (6')
1500mm (5')	1500mm (5')
1800mm (6')	1200mm (4')
2400mm (8')	600mm (2')
	200mm (0.66')

Customized length (2400mm ~ 5000mm) (7.87' ~ 16.4')

Ultra long connection (＜5000mm) (＜16.4')

Corners

529mm (1.7')

529mm (1.7')

277mm (0.9')

529mm (1.7')
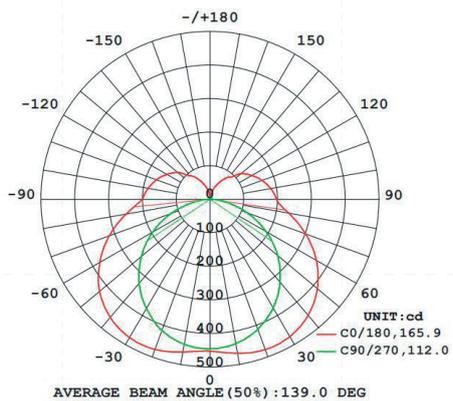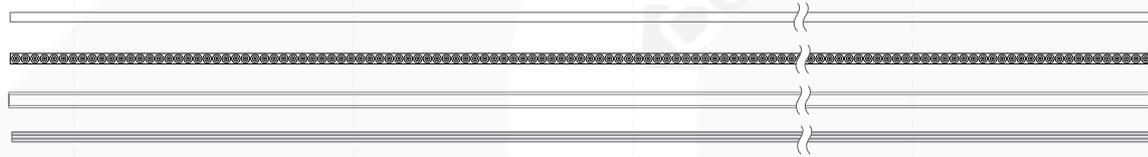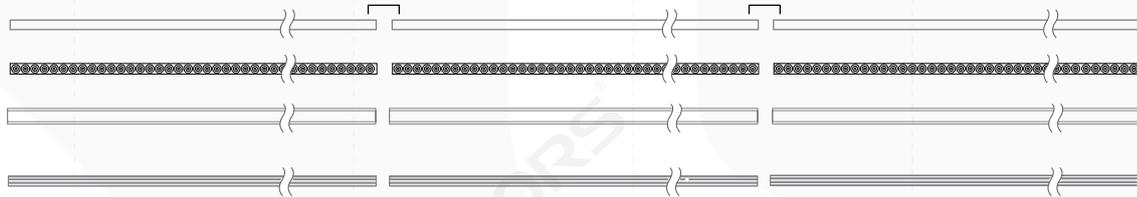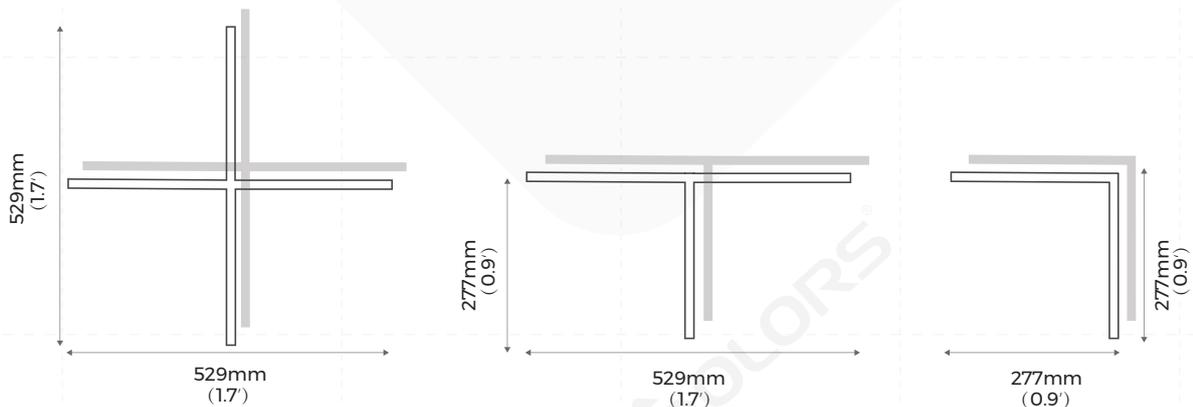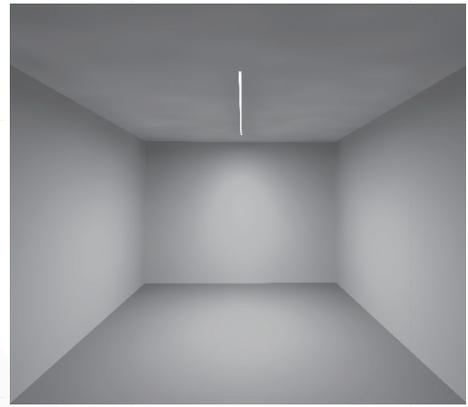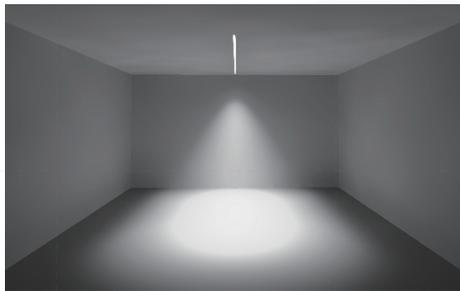
277mm (0.9')

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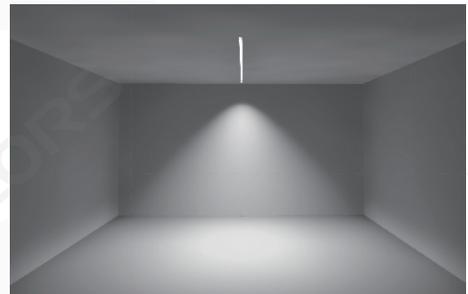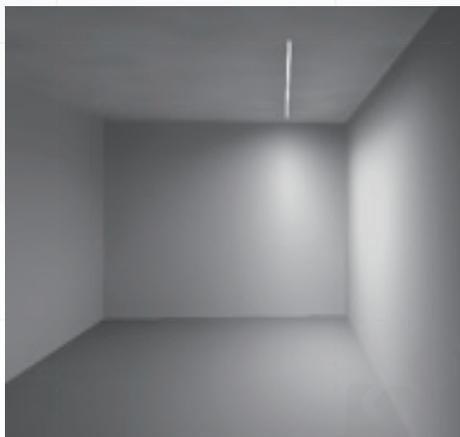
【Lighting effect】
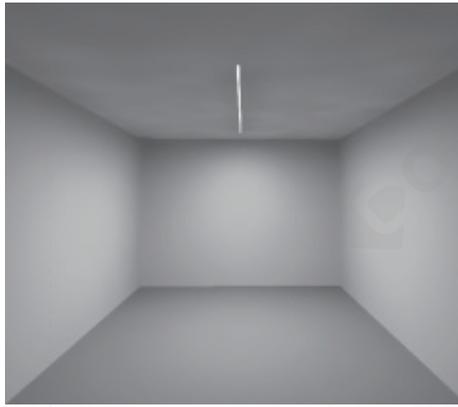
Diffuser

Prismatic

Round Grating 30°

Round Grating 55°

Asymmetric

Double Asymmetric
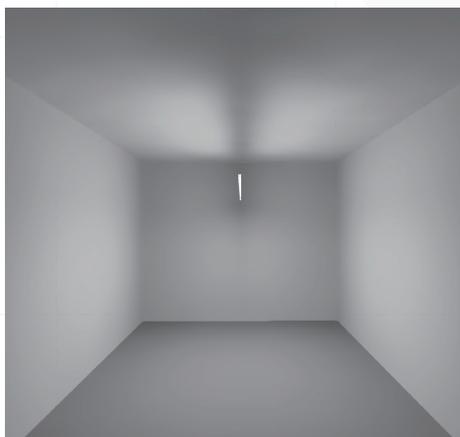
Block frosted diffuser

【Application】

【Packing】

Cover	Length	Type	Size(mm)	Pcs/bundle	NW(kg)	GW(kg)	Size(whole package)
Diffuser/ Prismatic/ Asymmetric/ Double Asymmetric	209mm	BOX	230*35*35mm	128pcs	/	/	500*290*290mm
	609mm	BOX	680*41*27.5mm	25pcs	/	/	800*250*165mm
	1209mm	BOX	1280*41*27.5mm	25pcs	/	/	1400*250*165mm
	1509mm	BOX	1580*41*27.5mm	25pcs	/	/	1700*250*165mm
	1809mm	BOX	1880*41*27.5mm	25pcs	/	/	2000*250*165mm
	2409mm	BOX	2480*41*27.5mm	25pcs	/	/	2600*250*165mm
Block frosted diffuser	609mm	BOX	680*52*43mm	20pcs	/	/	780*290*180mm
	1209mm	BOX	1280*52*43mm	20pcs	/	/	1380*290*180mm
	1509mm	BOX	1580*52*43mm	20pcs	/	/	1680*290*180mm
	1809mm	BOX	1880*52*43mm	20pcs	/	/	1980*290*180mm
	2409mm	BOX	2480*52*43mm	20pcs	/	/	2580*290*180mm
Round Grating	543mm	BOX	610*41*27.5mm	25pcs	/	/	730*250*165mm
	1083mm	BOX	1150*41*27.5mm	25pcs	/	/	1270*250*165mm
	1621mm	BOX	1690*41*27.5mm	25pcs	/	/	1810*250*165mm
	2160mm	BOX	2230*41*27.5mm	25pcs	/	/	2350*250*165mm

COLORS
Linear Lighting

LLS-LM25

www.colorsled.com

Luminous flux(up):	5000LM	**Type:**	Luminaire
Power(Typ):	48W	**Part NO:**	LLS-LM25FDXSS2400-F20NW8X-DC
CCT:	4000K	**SO:**	
CRI:	>80	**NO:**	
Input voltage:	24VDC	**Power factor:**	
Frequency:	/	**Cover type:**	Diffuser
Color:	Black	**Size:**	25x22x2409 mm

【Ordering code】

Category	-	Series	Section Size	Diffuser Shape		Diffuser Nature		Carrier Style		Profile Color		End Cap Style		Length	Version	-	Light Source Type		Light Source Power		CCT		CRI		Power Type	-	Package		Package	
LLS	-	Surface mounted	LM 25	Flat	F	Diffuser	D	NO Carrier	X	Silver	S	Holeless end cap	S	200mm	(A)	-	24VDC flexible strip	F	20W/m	20	2700K	SW	>80	8	No Power	X	COLORS Individual	D	COLORS	C
		Grating		Grating	G	Prismatic	P	Carrier	F	While	W			550mm			24VDC Rigid module	R			3000K	WW	>90	9					Customized	S
		Square		Square	K	Grating 30°	F			Black	B			600mm							3500K	PW								
		Lens		Lens	L	Grating 55°	H							1100mm							4000K	NW								
						Asymm-etric	A							1200mm							5000K	DW								
						Double Asymm-etric	S							1500mm							6500K	W								
														1600mm																
														1800mm																
														2200mm																
														2400mm																
LLS	-		LM 25		F		D		X		S		S	2400		-		F		20		NW		8		X -		D		C

■ Ordering luminaires kits LLS-LM25FDXSS2400-F20NW8X-DC 🔍

【Attentions】

· Please install the product in the right environment as much as possible;

· Please be careful during operation.Do not touch the AC power supply in case of electric shock;

· Check the current through the circuit,such as the surge occurs when press the switch does not exceed the maximum rated current, please insert the appropriate protection circuit;

· This product is sensitive to static electricity,and please special attention.In particular,it will damage the product when the static electricity is more than absolute maximum rared current and voltage,please make a countermeasures to avoid the damage of the static electricity and surge when using the product.