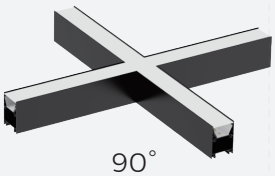
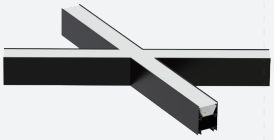
Infinite System Specification

— X Shape

MS3570D-X
MS5070D-X
MS7070D-X
MS3570P-X
MS5070P-X
MS7070P-X

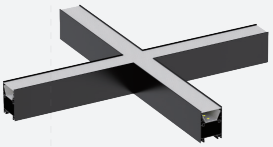


90°

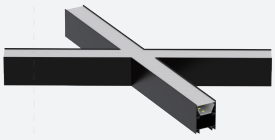


120°

Optical: Diffuser

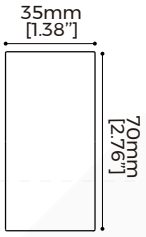


90°

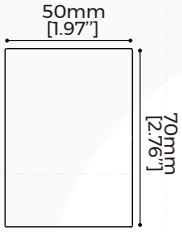


120°

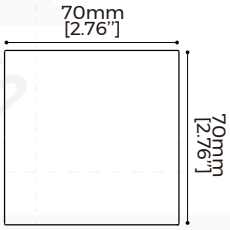
Optical: Prismatic



Model:
MS3570D-X
MS3570P-X



Model:
MS5070D-X
MS5070P-X



Model:
MS7070D-X
MS7070P-X

◎ Basic Information

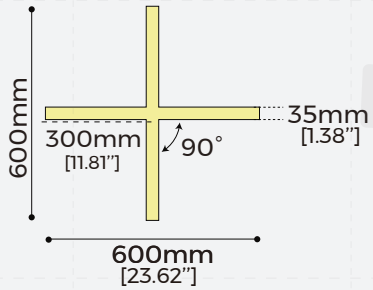
Light efficiency

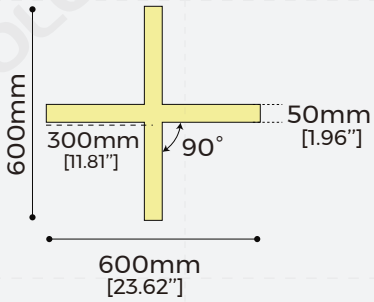
MS3570D-X 100LM/W(Regular), 120LM/W(High-Efficiency)	**MS3570P-X** 85LM/W(Regular), 105LM/W(High-Efficiency)
MS5070D-X 100LM/W(Regular), 120LM/W(High-Efficiency)	**MS5070P-X** 90LM/W(Regular), 105LM/W(High-Efficiency)
MS7070D-X 110LM/W(Regular), 135LM/W(High-Efficiency)	**MS7070P-X** 100LM/W(Regular), 120LM/W(High-Efficiency)

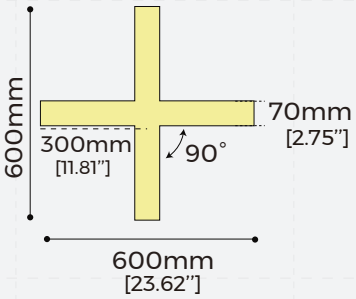
Common information

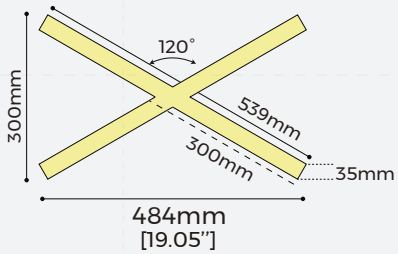
· Material:	AL6063-T5, spraying surface
· Color:	Black/White/Silver/0range/Blue/Green /Rose gold/Champagne gold
· Length:	300mm
· Corner angle:	90°/120°
· IP grade:	IP20
· CCT:	2700/3000/3500/4000/5000/6500K optional
· CRI:	>80/>90
· SDCM:	≤3 Step
· Dimming method:	Non-dimming, 1-10V, DALI2+PUSH
· Application:	Indoor
· Installation:	Ceiling/Pendant
· Certification:	CE, UKCA, ROHS, REACH, CB, ENEC, ETL, LM-80
· Warranty:	5 years

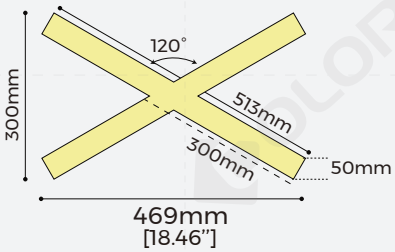
◎ Product Dimension Information

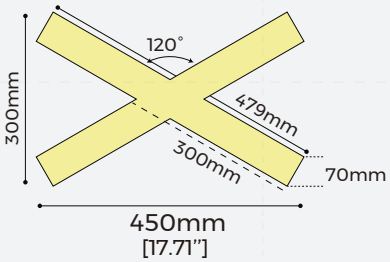












*The yellow fill means luminous surface.

◎ Luminaire Parameters

Model	Version	Length (mm)	Angle (°)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
MS3570D-X	Regular	300 [0.98ft]	90°	24	DC36V	0.6	>80	2372	2700K 3000K 3500K 4000K 5000K 6500K
							>90	2040	
		300 [0.98ft]	120°	21	DC36V	0.53	>80	2076	
							>90	1785	
	High-Efficiency	300 [0.98ft]	90°	24	DC36V	0.6	>80	2847	
							>90	2448	
		300 [0.98ft]	120°	21	DC36V	0.53	>80	2491	
							>90	2142	
MS3570P-X	Regular	300 [0.98ft]	90°	24	DC36V	0.6	>80	2016	
							>90	1734	
		300 [0.98ft]	120°	21	DC36V	0.53	>80	1764	
							>90	1517	
	High-Efficiency	300 [0.98ft]	90°	24	DC36V	0.6	>80	2491	
							>90	2142	
		300 [0.98ft]	120°	21	DC36V	0.53	>80	2179	
							>90	1874	
MS5070D-X	Regular	300 [0.98ft]	90°	30	DC36V	0.75	>80	2965	
							>90	2550	
		300 [0.98ft]	120°	24	DC36V	0.61	>80	2412	
							>90	2074	
	High-Efficiency	300 [0.98ft]	90°	30	DC36V	0.75	>80	3558	
							>90	3060	
		300 [0.98ft]	120°	24	DC36V	0.61	>80	2894	
							>90	2489	
MS5070P-X	Regular	300 [0.98ft]	90°	30	DC36V	0.75	>80	2669	
							>90	2295	
		300 [0.98ft]	120°	24	DC36V	0.61	>80	2170	
							>90	1867	
	High-Efficiency	300 [0.98ft]	90°	30	DC36V	0.75	>80	3113	
							>90	2678	
		300 [0.98ft]	120°	24	DC36V	0.61	>80	2532	
							>90	2178	

Model	Version	Length (mm)	Angle (°)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
MS7070D-X	Regular	300 [0.98ft]	90°	40	DC36V	1	>80	4349	2700K 3000K 3500K 4000K 5000K 6500K
							>90	3740	
		300 [0.98ft]	120°	28	DC36V	0.72	>80	3131	
							>90	2693	
	High-Efficiency	300 [0.98ft]	90°	40	DC36V	1	>80	5337	
							>90	4590	
		300 [0.98ft]	120°	28	DC36V	0.72	>80	3843	
							>90	3305	
MS7070P-X	Regular	300 [0.98ft]	90°	40	DC36V	1	>80	3953	
							>90	3400	
		300 [0.98ft]	120°	28	DC36V	0.72	>80	2847	
							>90	2448	
	High-Efficiency	300 [0.98ft]	90°	40	DC36V	1	>80	4744	
							>90	4080	
		300 [0.98ft]	120°	28	DC36V	0.72	>80	3416	
							>90	2938	

Note:

1. The output data is based on white coated luminaire with Ra80,4000K.
2. The above Lumens data are at 4000K color temperature.
3. High-efficiency version does not do 3500K and 5000K.
4. The tolerance of output data can be vary up to 15%.
5. The type power is with the power supply, the input current is the current of the light source.
6. The output data is typical value.
7. The following is an example of lumen conversion instructions:

CCT	RA	Ratio of lumens (white coated luminaire)	Ratio of lumens (Other coated colors of luminaire)
2700K	80	90%	Calculate white coated luminaire lumens first, then multiply by 90 %
	90	77%	
3000K	80	93%	
	90	80%	
3500K	80	97%	
	90	83%	
4000K	80	100%	
	90	86%	
5000K	80	100%	
	90	86%	
6500K	80	100%	
	90	86%	

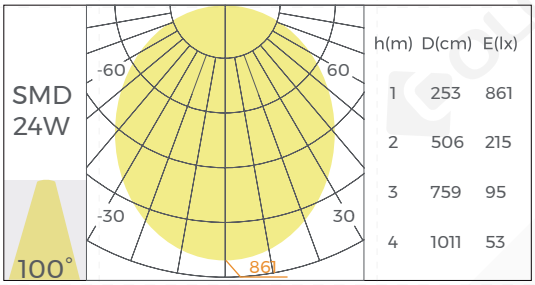
Note: All other lumens are to be based on white coated luminaire with 4000K,RA80(100%);and multiplied by the percentage in the table above.

Assuming a 4000K, RA80 white coated luminaire with 1000lm lumens:

Example 1: If you need 4000K,RA90 lumens (white coated luminaire)	1000*86%=860lm
Example 2: If you need 4000K,RA90 lumens (other coated colors of luminaire)	1000*86%*90%=774lm
Example 3: If you need 3000K,RA80 lumens (white coated luminaire)	1000*93%=930lm
Example 4: If you need 3000K,RA90 lumens (white coated luminaire)	1000*80%=800lm
Example 5: If you need 5000K,RA80 lumens (white coated luminaire)	1000*100%=1000lm

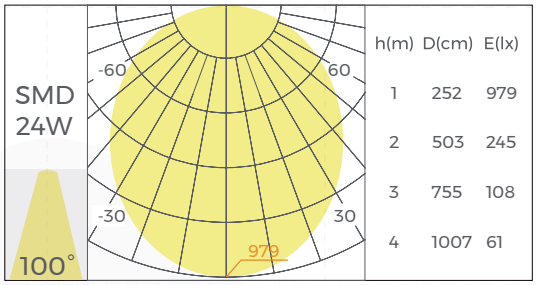
◎ Optical Parameter

【MS3570D-X】



h(m)	D(cm)	E(lx)
1	253	861
2	506	215
3	759	95
4	1011	53

Regular version

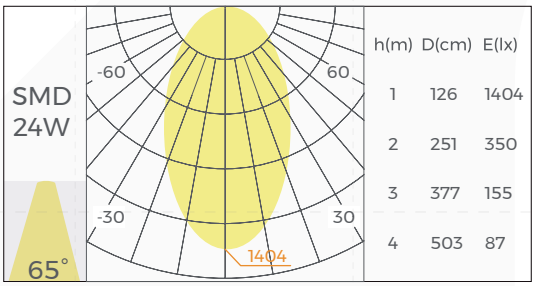


h(m)	D(cm)	E(lx)
1	252	979
2	503	245
3	755	108
4	1007	61

High-efficiency version

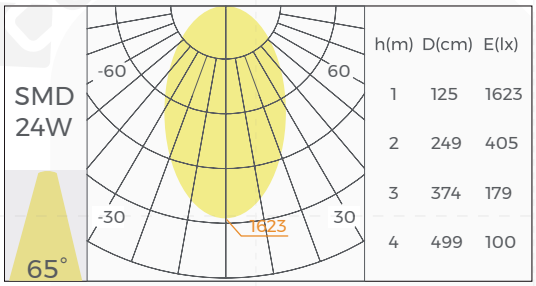
*The above data is based on a 90° corner angle, 300mm length module with Ra80,4000K.

【MS3570P-X】



h(m)	D(cm)	E(lx)
1	126	1404
2	251	350
3	377	155
4	503	87

Regular version

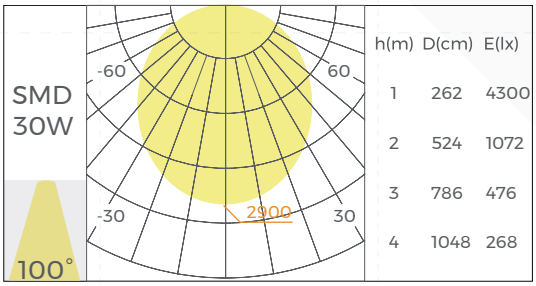


h(m)	D(cm)	E(lx)
1	125	1623
2	249	405
3	374	179
4	499	100

High-efficiency version

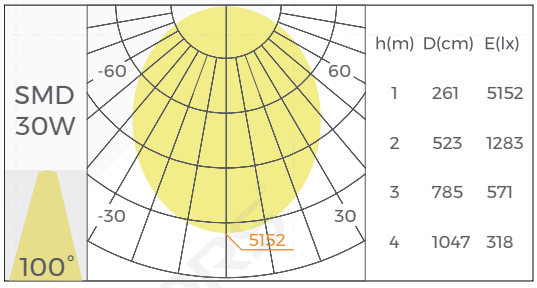
*The above data is based on a 90° corner angle, 300mm length module with Ra80,4000K.

【MS5070D-X】



h(m)	D(cm)	E(lx)
1	262	4300
2	524	1072
3	786	476
4	1048	268

Regular version

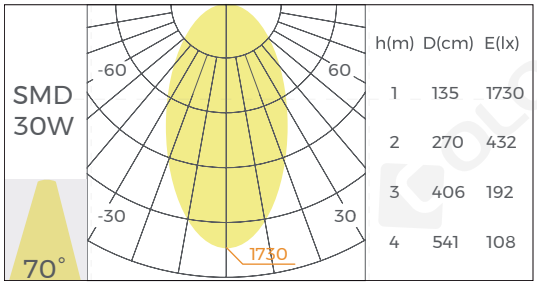


h(m)	D(cm)	E(lx)
1	261	5152
2	523	1283
3	785	571
4	1047	318

High-efficiency version

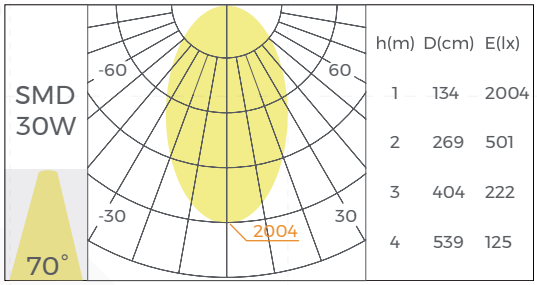
*The above data is based on a 90° corner angle, 300mm length module with Ra80,4000K.

【MS5070P-X】



h(m)	D(cm)	E(lx)
1	135	1730
2	270	432
3	406	192
4	541	108

Regular version

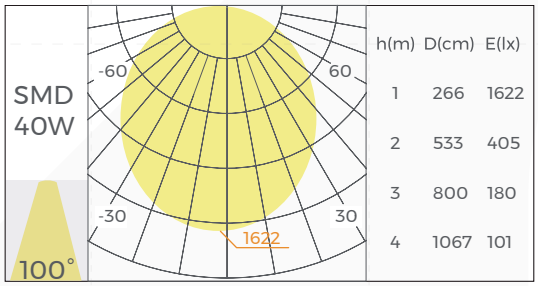


h(m)	D(cm)	E(lx)
1	134	2004
2	269	501
3	404	222
4	539	125

High-efficiency version

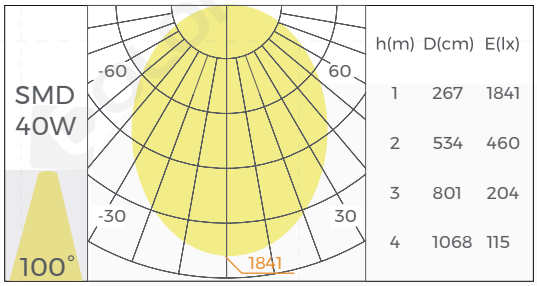
*The above data is based on a 90° corner angle, 300mm length module with Ra80,4000K.

【MS7070D-X】



h(m)	D(cm)	E(lx)
1	266	1622
2	533	405
3	800	180
4	1067	101

Regular version

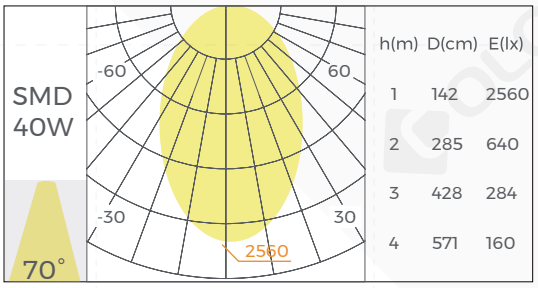


h(m)	D(cm)	E(lx)
1	267	1841
2	534	460
3	801	204
4	1068	115

High-efficiency version

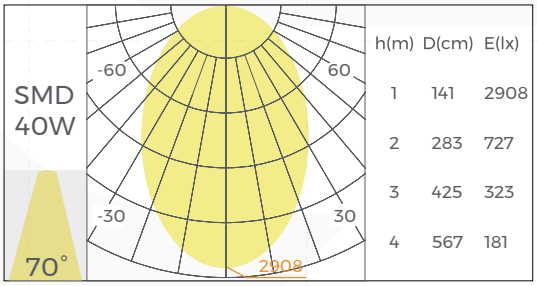
*The above data is based on a 90° corner angle, 300mm length module with Ra80,4000K.

【MS7070P-X】



h(m)	D(cm)	E(lx)
1	142	2560
2	285	640
3	428	284
4	571	160

Regular version



h(m)	D(cm)	E(lx)
1	141	2908
2	283	727
3	425	323
4	567	181

High-efficiency version

*The above data is based on a 90° corner angle, 300mm length module with Ra80,4000K.

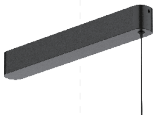
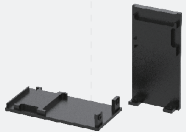
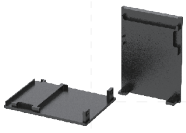
Note:
1. The above optical parameters refer to the Line series; only the light-emitting angle can be used as a reference.
2. For specific luminous effects, please use the report input DIALux software in the test report.

◎ Common Accessories

Power supply

Picture	Dimming Method	Model	Input Voltage	Output Voltage	Output Current	Size(mm)	Certification
	NO/OFF	LF-GMR020YS0350H(S)	AC220 ~240V 50/60Hz	20-56V	0.2~0.35A	168*30*21	CCC/ENEC/CE/ RCM/UKCA
		LF-GMR040YS0700H(S)		20-56V	0.35~0.7A	210*30*21	
		LF-GMR040YS1050H(S)		20-38V	0.7~1.05A	210*30*21	
		LF-GMR060YS1550H(S)		20-39V	1.2~1.55A	280*30*21	
		LF-GMR060YS II		33-42V	1.15A	245*30*21	
		LF-GMR080YS II		33-42V	1.6/1.7/1.8 /1.9/2A	245*30*21	
	0-10V	LF-GLD025YE	AC220 ~240V 50/60Hz	25-42V	0.3/0.35/0.4 /0.45/0.5/0.55A	245*30*21	CCC/ENEC/CE/ RCM/UKCA
		LF-GLD035YE		25-42V	0.6/0.65/0.7 /0.75/0.8A	245*30*21	
		LF-GLD045YE		25-42V	0.85/0.9/1 /1.05A	245*30*21	
		LF-GLD055YE		25-42V	1.1/1.15/1.2 /1.3A	285*30*21	
		LF-GLD065YE		25-42V	1.35/1.4/1.5 /1.55A	285*30*21	
		LF-GLD080YE		25-40V	1.6/1.7/1.8/1.9/2A	355*30*21	
	DALI	LF-GSD020YE	AC220 ~240V 50/60Hz	25-42V	0.25~0.5A (50mA)	245*30*21	CCC/ENEC/CE/ RCM/UKCA
		LF-GSD030YE		25-42V	0.55~0.75A (50mA)	245*30*21	
		LF-GSD040YE		25-42V	0.8~1.05A (50mA)	245*30*21	
		LF-GSD060YE		25-42V	1.1~1.5A (50mA)	285*30*21	
		LF-GSD080YE		25-42V	1.55~2.0A (50mA)	355*30*21	

Installation accessories

Picture	Name	Model	Description
	Ceiling	CL-28	Suitable for MS3570/MS5070/MS7070/MS3570/MS5070/ MS7070 ceiling accessory 2 pcs/set
	Pendant cable	PN-D	Steel Wire Rope: 2M Maximum weight capacity: 17.5Kg 2 pcs/set
	Pendant rod	PG-I	Rod Size: 1-2 meter adjustable
	Celiling plate (Incl. wire)	PN-P	Ceiling Plate: D88*29mm Open hole: D75mm Maximum current capacity: 4A Maximum weight capacity: 3Kg Wire Size: D3*2000mm Suitable for MS3570/MS5070/MS7070/MS3570/MS5070/ MS7070 pendant input line
	Celiling plate (Incl. rod&wire)	PG-P	Ceiling Plate: D88*29mm Open hole: D75mm Maximum current capacity: 4A Maximum weight capacity: 3Kg Rod Size: 1-2 meter adjustable Wire Size: D3*2000mm Suitable for MS3570/MS5070/MS7070/MS3570/MS5070/ MS7070 pendant input line
	Linear power Box (Incl. wire)	PB-07	Power Box: L400*W55*H50mm Maximum current capacity: 4A Maximum weight capacity: 8Kg Wire Size: D3*2000mm Suitable for MS3570/MS5070/MS7070/MS3570/MS5070/ MS7070 pendant input line
	Linear power box (Incl. rod&wire)	PB-08	Power Box: L400*W55*H50mm Maximum current capacity: 4A Rod Size: 1-2 meter adjustable Wire Size: D3*2000mm Suitable for MS3570/MS5070/MS7070/MS3570/MS5070/ MS7070 pendant input line
	Input line	CM-24	Wire Size: D3*2000mm Maximum current capacity: 4A Maximum weight capacity: 8Kg Suitable for MS3570/MS5070/MS7070/MS3570/MS5070/ MS7070 ceiling and MS3570/MS5070/MS7070 recessed input line
	End Caps	EC-MS3570	Material:AL6063-T5 Size:L70*W35*H2.5mm
	End Caps	EC-MS5070	Material:AL6063-T5 Size:L70*W50*H2.5mm

	End Caps	EC-MS7070	Material:AL6063-T5 Size:L70*W70*H2.5mm
	Pendant cilps	CP-53	Material:SUS304 Size:L22.67*W20*H5.3mm Suitable for MS3535/MS3570 Pendant clips
	Pendant cilps	CP-54	Material:SUS304 Size:L37.87*W20*H5.4mm Suitable for MS5035/MS5070 Pendant clips
	Pendant cilps	CP-55	Material:SUS304 Size:L57.87*W20*H5.4mm Suitable for MS7035/MS7070 Pendant clips

Note:
1. The modules are manufactured with splicing accessories and terminals.
2. All standard modules can only use the power supply external solution, the above installation accessories for power supply external.

Non-Directional Terminal Design

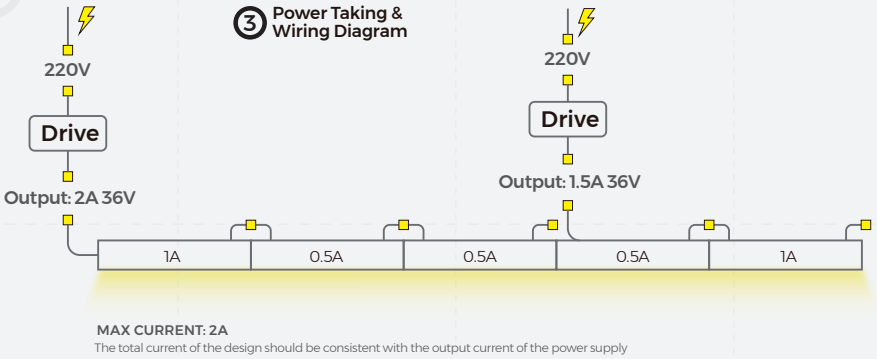
Non-directional terminal design that simplifies and enhances the efficiency of electrical connections between modules.

② Select Power Supply

Drive

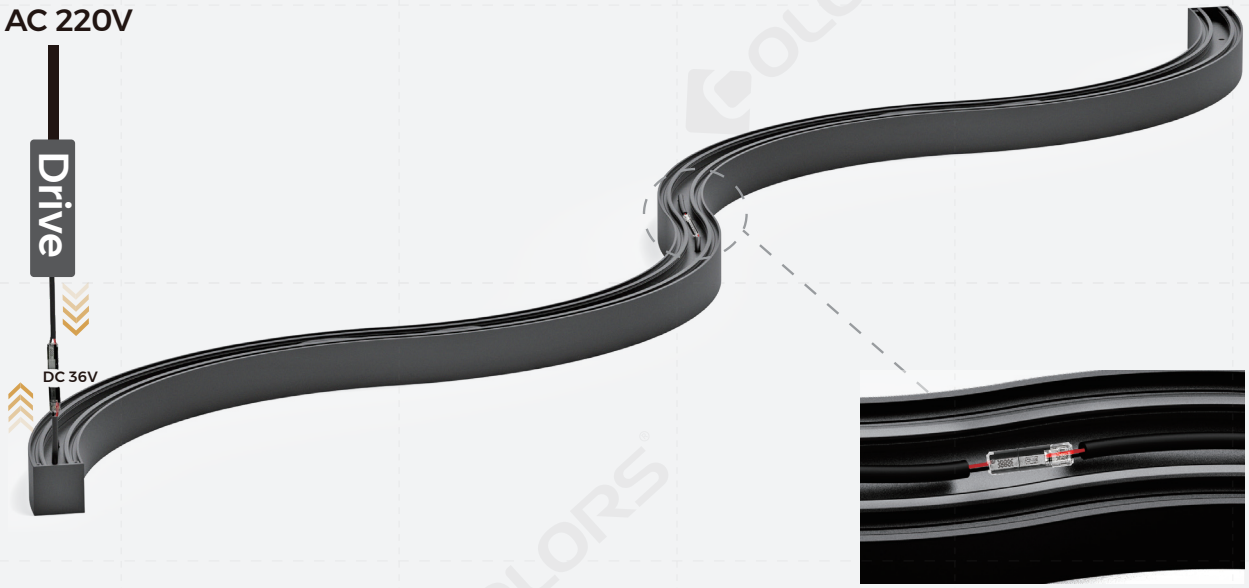
Output: 2A & 1.5A

③ Power Taking & Wiring Diagram



MAX CURRENT: 2A

The total current of the design should be consistent with the output current of the power supply



Non-directional

Note:

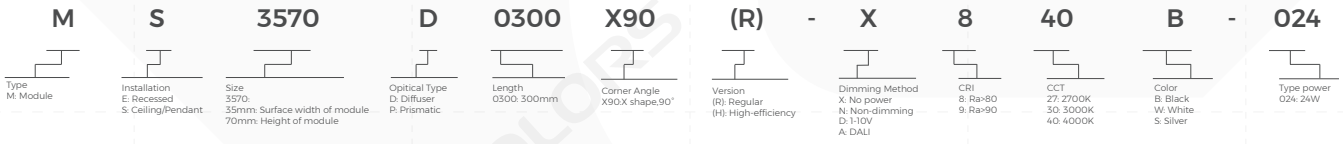
1. The above electrical connection modeling is a 35mm luminaire height demonstration only to show the non-directional terminal design.
2. The above graphic explains how to select the right power supply by calculating the current

◎Packing

Model	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
MS3570D0300X90(R) -X840W024	4	5.52	8.80	700*430*520 [27.55"*16.92"*20.47"]
MS5070D0300X90(R) -X840W030	4	6.72	10.40	700*430*520 [27.55"*16.92"*20.47"]
MS7070D0300X90(R) -X840W040	4	7.20	10.80	700*430*520 [27.55"*16.92"*20.47"]
MS3570D0300X120(R) -X840W021	4	5.52	8.80	700*430*520 [27.55"*16.92"*20.47"]
MS5070D0300X120(R) -X840W024	4	6.72	10.40	700*430*520 [27.55"*16.92"*20.47"]
MS7070D0300X120(R) -X840W028	4	7.20	10.80	700*430*520 [27.55"*16.92"*20.47"]

Note:
1. Modules packaged without inner box, directly use the outer box.
2. Use one outer box for each module, and then use the wrap and corner protectors to tie them together according to the quantity of carton above.
3. The above weight data is for reference, the exact data should be based on the weight of the physical weighing shall prevail.

◎Model Code



◎Attentions

1、Non-professionals are prohibited from installing, disassembling and repairing the product.

2、Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.

3、Please use professional cutting tools when cutting

4、Do not use any acid or alkaline adhesive to fix products

5、The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.

6、PC features: Each 10°C rise or drop will make diffuser extend or shrink 0.8mm/m, please confirm before processing and use