Infinite System Specification

— Curve series

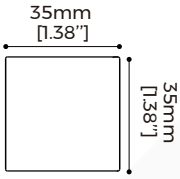
MS3535D-A180
MS5035D-A180
MS7035D-A180
MS3535P-A180
MS5035P-A180
MS7035P-A180



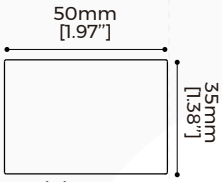
Optical: Diffuser



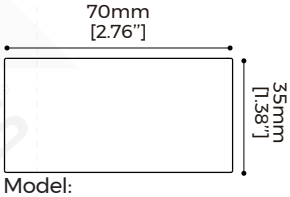
Optical: Prismatic



Model:
MS3535D-A180
MS3535P-A180



Model:
MS5035D-A180
MS5035P-A180



Model:
MS7035D-A180
MS7035P-A180

◎ Basic Information

Light efficiency

MS3535D-A180 100LM/W(Regular), 120LM/W(High-Efficiency)	**MS3535P-A180** 85LM/W(Regular), 105LM/W(High-Efficiency)
MS5035D-A180 100LM/W(Regular), 120LM/W(High-Efficiency)	**MS5035P-A180** 90LM/W(Regular), 105LM/W(High-Efficiency)
MS7035D-A180 110LM/W(Regular), 135LM/W(High-Efficiency)	**MS7035P-A180** 100LM/W(Regular), 120LM/W(High-Efficiency)

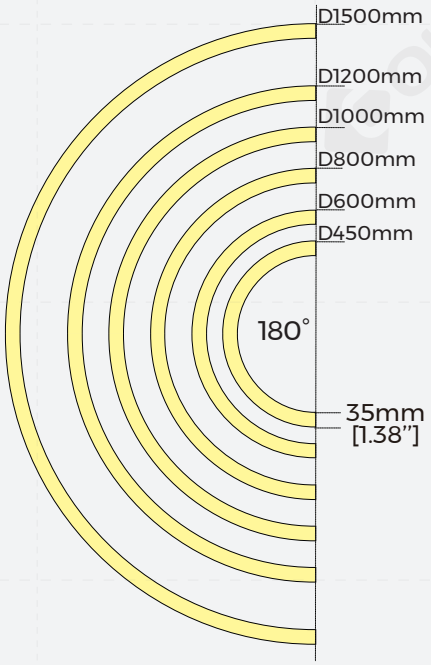
Diameter

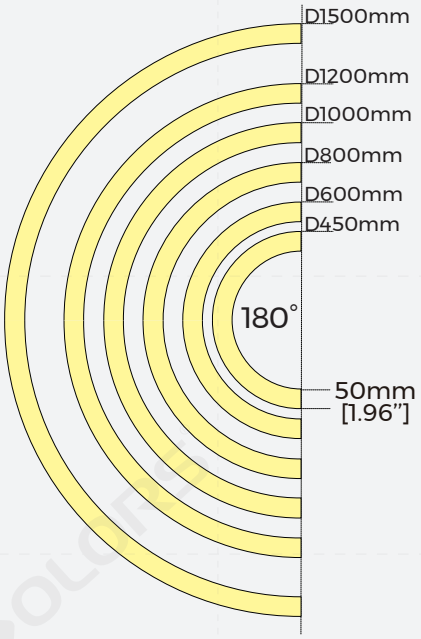
MS3535D-A180/MS3535P-A180/MS5035D-A180/MS5035P-A180 D450/600/800/1000/1200/1500 mm	**MS7035D-A180/MS7035P-A180** 600/800/1000/1200/1500 mm

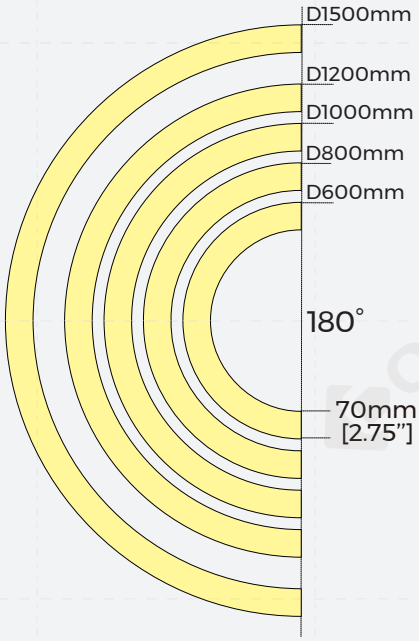
Common information

· Material:	AL6063-T5, spraying surface
· Color:	Black/White/Silver/0range/Blue/Green /Rose gold/Champagne gold
· 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	Diameter (mm)	Angle (°)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
MS3535D-A180	Regular	D450 [1.48ft]	180°	13	DC36V	0.325	>80	1285	2700K 3000K 3500K 4000K 5000K 6500K
							>90	1105	
		D600 [1.97ft]	180°	18	DC36V	0.45	>80	1779	
							>90	1530	
		D800 [2.62ft]	180°	24	DC36V	0.6	>80	2372	
							>90	2040	
		D1000 [3.28ft]	180°	30	DC36V	0.75	>80	2965	
							>90	2550	
		D1200 [3.94ft]	180°	36	DC36V	0.9	>80	3558	
							>90	3060	
		D1500 [4.92ft]	180°	47	DC36V	1.2	>80	4744	
							>90	4080	
	High-Efficiency	D450 [1.48ft]	180°	13	DC36V	0.325	>80	1542	
							>90	1326	
		D600 [1.97ft]	180°	18	DC36V	0.45	>80	2135	
							>90	1836	
		D800 [2.62ft]	180°	24	DC36V	0.6	>80	2847	
							>90	2448	
		D1000 [3.28ft]	180°	30	DC36V	0.75	>80	3558	
							>90	3060	
		D1200 [3.94ft]	180°	36	DC36V	0.9	>80	4270	
							>90	3672	
		D1500 [4.92ft]	180°	47	DC36V	1.2	>80	5693	
							>90	4896	

Model	Version	Diameter (mm)	Angle (°)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
MS3535P-A180	Regular	D450 [1.48ft]	180°	13	DC36V	0.325	>80	1092	2700K 3000K 3500K 4000K 5000K 6500K
							>90	939	
		D600 [1.97ft]	180°	18	DC36V	0.45	>80	1512	
							>90	1301	
		D800 [2.62ft]	180°	24	DC36V	0.6	>80	2016	
							>90	1734	
		D1000 [3.28ft]	180°	30	DC36V	0.75	>80	2520	
							>90	2168	
		D1200 [3.94ft]	180°	36	DC36V	0.9	>80	3024	
							>90	2601	
		D1500 [4.92ft]	180°	47	DC36V	1.2	>80	4033	
							>90	3468	
	High-Efficiency	D450 [1.48ft]	180°	13	DC36V	0.325	>80	1349	
							>90	1160	
		D600 [1.97ft]	180°	18	DC36V	0.45	>80	1868	
							>90	1607	
		D800 [2.62ft]	180°	24	DC36V	0.6	>80	2491	
							>90	2142	
		D1000 [3.28ft]	180°	30	DC36V	0.75	>80	3113	
							>90	2678	
		D1200 [3.94ft]	180°	36	DC36V	0.9	>80	3736	
							>90	3213	
		D1500 [4.92ft]	180°	47	DC36V	1.2	>80	4981	
							>90	4284	

Model	Version	Diameter (mm)	Angle (°)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
MS5035D-A180	Regular	D450 [1.48ft]	180°	15	DC36V	0.375	>80	1483	2700K 3000K 3500K 4000K 5000K 6500K
							>90	1275	
		D600 [1.97ft]	180°	22	DC36V	0.56	>80	2214	
							>90	1904	
		D800 [2.62ft]	180°	28	DC36V	0.7	>80	2767	
							>90	2380	
		D1000 [3.28ft]	180°	36	DC36V	0.9	>80	3558	
							>90	3060	
		D1200 [3.94ft]	180°	44	DC36V	1.125	>80	4448	
							>90	3825	
		D1500 [4.92ft]	180°	55	DC36V	1.4	>80	5535	
							>90	4760	
	High-Efficiency	D450 [1.48ft]	180°	15	DC36V	0.375	>80	1779	
							>90	1530	
		D600 [1.97ft]	180°	22	DC36V	0.56	>80	2657	
							>90	2285	
		D800 [2.62ft]	180°	28	DC36V	0.7	>80	3321	
							>90	2856	
		D1000 [3.28ft]	180°	36	DC36V	0.9	>80	4270	
							>90	3672	
		D1200 [3.94ft]	180°	44	DC36V	1.125	>80	5337	
							>90	4590	
		D1500 [4.92ft]	180°	55	DC36V	1.4	>80	6642	
							>90	5712	

Model	Version	Diameter (mm)	Angle (°)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
MS5035P-A180	Regular	D450 [1.48ft]	180°	15	DC36V	0.375	>80	1334	2700K 3000K 3500K 4000K 5000K 6500K
							>90	1148	
		D600 [1.97ft]	180°	22	DC36V	0.56	>80	1993	
							>90	1714	
		D800 [2.62ft]	180°	28	DC36V	0.7	>80	2491	
							>90	2142	
		D1000 [3.28ft]	180°	36	DC36V	0.9	>80	3202	
							>90	2754	
		D1200 [3.94ft]	180°	44	DC36V	1.125	>80	4003	
							>90	3443	
		D1500 [4.92ft]	180°	55	DC36V	1.4	>80	4981	
							>90	4284	
	High-Efficiency	D450 [1.48ft]	180°	15	DC36V	0.375	>80	1557	
							>90	1339	
		D600 [1.97ft]	180°	22	DC36V	0.56	>80	2325	
							>90	1999	
		D800 [2.62ft]	180°	28	DC36V	0.7	>80	2906	
							>90	2499	
		D1000 [3.28ft]	180°	36	DC36V	0.9	>80	3736	
							>90	3213	
		D1200 [3.94ft]	180°	44	DC36V	1.125	>80	4670	
							>90	4016	
		D1500 [4.92ft]	180°	55	DC36V	1.4	>80	5812	
							>90	4998	

Model	Version	Diameter (mm)	Angle (°)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
MS7035D-A180	Regular	D600 [1.97ft]	180°	28	DC36V	0.7	>80	3044	2700K 3000K 3500K 4000K 5000K 6500K
							>90	2618	
		D800 [2.62ft]	180°	44	DC36V	1.12	>80	4871	
							>90	4189	
		D1000 [3.28ft]	180°	47	DC36V	1.2	>80	5219	
							>90	4488	
		D1200 [3.94ft]	180°	59	DC36V	1.5	>80	6523	
							>90	5610	
		D1500 [4.92ft]	180°	75	DC36V	1.9	>80	8263	
							>90	7106	
	High-Efficiency	D600 [1.97ft]	180°	28	DC36V	0.7	>80	3736	
							>90	3213	
		D800 [2.62ft]	180°	44	DC36V	1.12	>80	5978	
							>90	5141	
		D1000 [3.28ft]	180°	47	DC36V	1.2	>80	6405	
							>90	5508	
		D1200 [3.94ft]	180°	59	DC36V	1.5	>80	8006	
							>90	6885	
		D1500 [4.92ft]	180°	75	DC36V	1.9	>80	10141	
							>90	8721	

Model	Version	Diameter (mm)	Angle (°)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
MS7035P-A180	Regular	D600 [1.97ft]	180°	28	DC36V	0.7	>80	2767	2700K 3000K 3500K 4000K 5000K 6500K
							>90	2380	
		D800 [2.62ft]	180°	44	DC36V	1.12	>80	4428	
							>90	3808	
		D1000 [3.28ft]	180°	47	DC36V	1.2	>80	4744	
							>90	4080	
		D1200 [3.94ft]	180°	59	DC36V	1.5	>80	5930	
							>90	5100	
		D1500 [4.92ft]	180°	75	DC36V	1.9	>80	7512	
							>90	6460	
	High-Efficiency	D600 [1.97ft]	180°	28	DC36V	0.7	>80	3321	
							>90	2856	
		D800 [2.62ft]	180°	44	DC36V	1.12	>80	5313	
							>90	4570	
		D1000 [3.28ft]	180°	47	DC36V	1.2	>80	5693	
							>90	4896	
		D1200 [3.94ft]	180°	59	DC36V	1.5	>80	7116	
							>90	6120	
		D1500 [4.92ft]	180°	75	DC36V	1.9	>80	9014	
							>90	7752	

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:

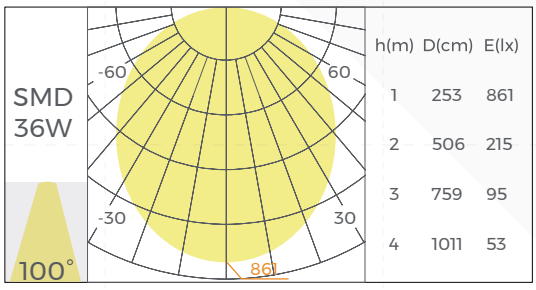
CCT	RA	Ratio of lumens (white coated luminaire)	Ratio of lumens (Other coated colors of luminaire)
2700K	80	90%	Calculate white coated luminaire lumens first, then multiply by 90 %
	90	77%	
3000K	80	93%	
	90	80%	
3500K	80	97%	
	90	83%	
4000K	80	100%	
	90	86%	
5000K	80	100%	
	90	86%	
6500K	80	100%	
	90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

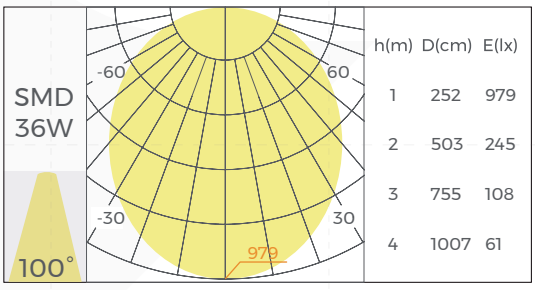
◎ Optical Parameter

【MS3535D-A180】



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

Regular version

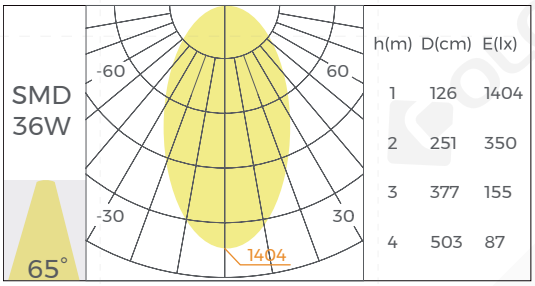


h(m)	D(cm)	E(lx)
1	252	979
2	503	245
3	755	108
4	1007	61

High-efficiency version

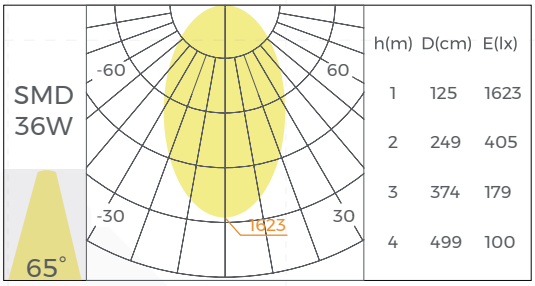
*The above data is based on a 1200mm diameter module with Ra80,4000K.

【MS3535P-A180】



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

Regular version

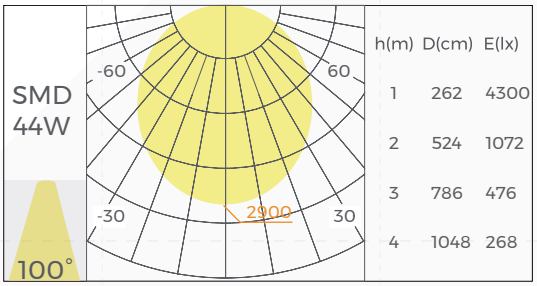


h(m)	D(cm)	E(lx)
1	125	1623
2	249	405
3	374	179
4	499	100

High-efficiency version

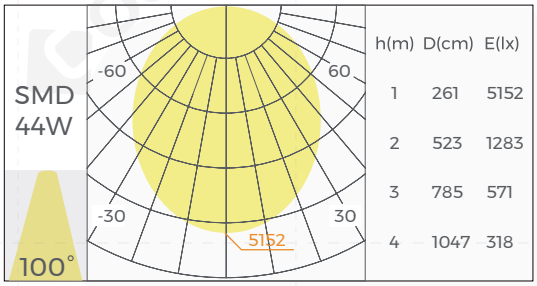
*The above data is based on a 1200mm diameter module with Ra80,4000K.

【MS5035D-A180】



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

Regular version

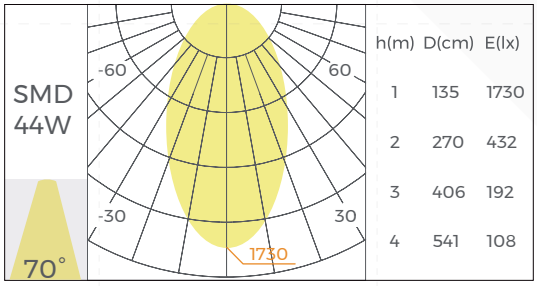


h(m)	D(cm)	E(lx)
1	261	5152
2	523	1283
3	785	571
4	1047	318

High-efficiency version

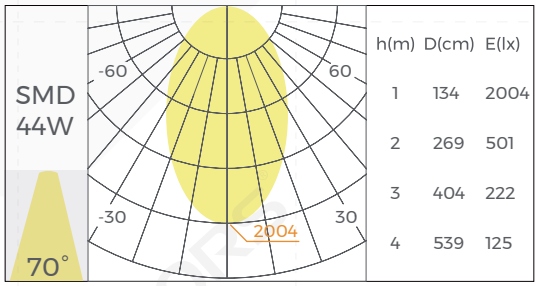
*The above data is based on a 1200mm diameter module with Ra80,4000K.

【MS5035P-A180】



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

Regular version

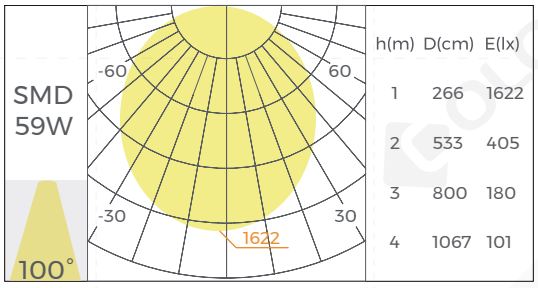


h(m)	D(cm)	E(lx)
1	134	2004
2	269	501
3	404	222
4	539	125

High-efficiency version

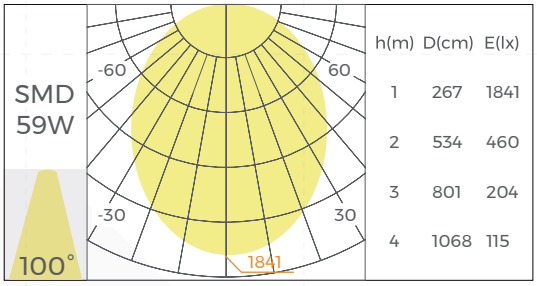
*The above data is based on a 1200mm diameter module with Ra80,4000K.

【MS7035D-A180】



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

Regular version

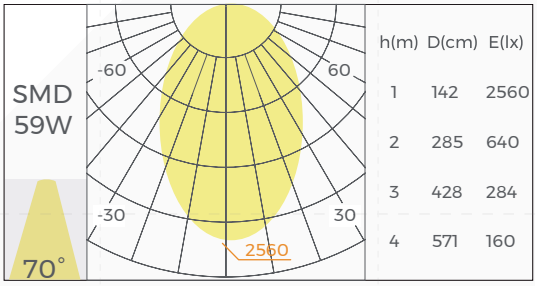


h(m)	D(cm)	E(lx)
1	267	1841
2	534	460
3	801	204
4	1068	115

High-efficiency version

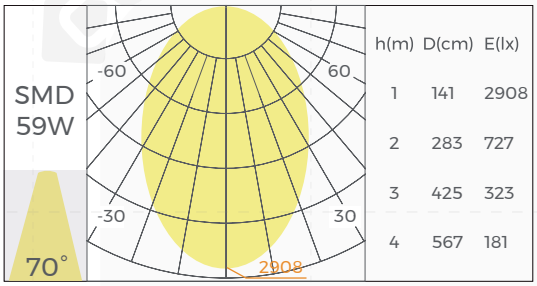
*The above data is based on a 1200mm diameter module with Ra80,4000K.

【MS7035P-A180】



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 1200mm diameter module with Ra80,4000K.

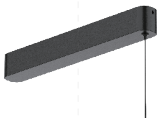
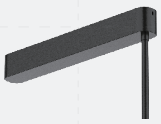
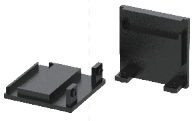
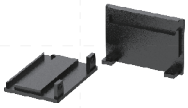
Note:
1. The above optical parameters refer to the Line series; only the light-emitting angle can be used as a reference.
2. For specific luminous effects, please use the report input DIALux software in the test report.

◎ 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	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/MS3535/MS5035/ MS7035 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/MS3535/MS5035/ MS7035 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/MS3535/MS5035/ MS7035 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/MS3535/MS5035/ MS7035 pendant input line
	Input line	CM-24	Wire Size: D3*2000mm Maximum current capacity: 4A Maximum weight capacity: 8Kg Suitable for MS3570/MS5070/MS7070/MS3535/MS5035/ MS7035 ceiling and MS3535/MS5035/MS7035 recessed input line
	End Caps	EC-MS3535	Material:AL6063-T5 Size:L35*W35*H2.5mm
	End Caps	EC-MS5035	Material:AL6063-T5 Size:L50*W35*H2.5mm

Picture	Name	Model	Description
	End Caps	EC-MS7035	Material:AL6063-T5 Size:L70*W35*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.

① Calculated Molding Current

Model Total Current

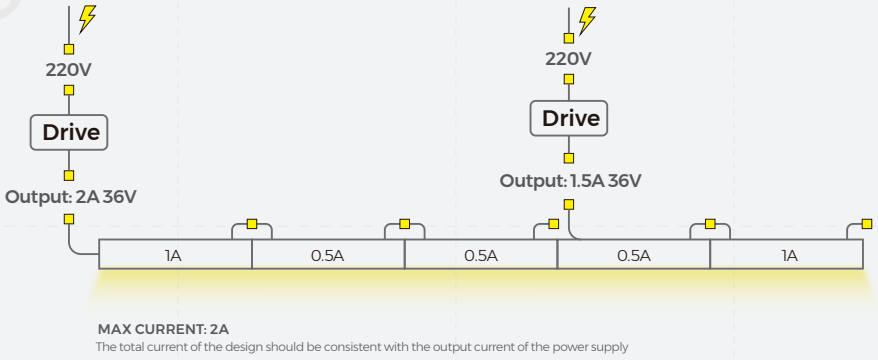
1A+0.5A+0.5A+0.5A+1A=3.5A

2A | 1.5A

② Select Power Supply

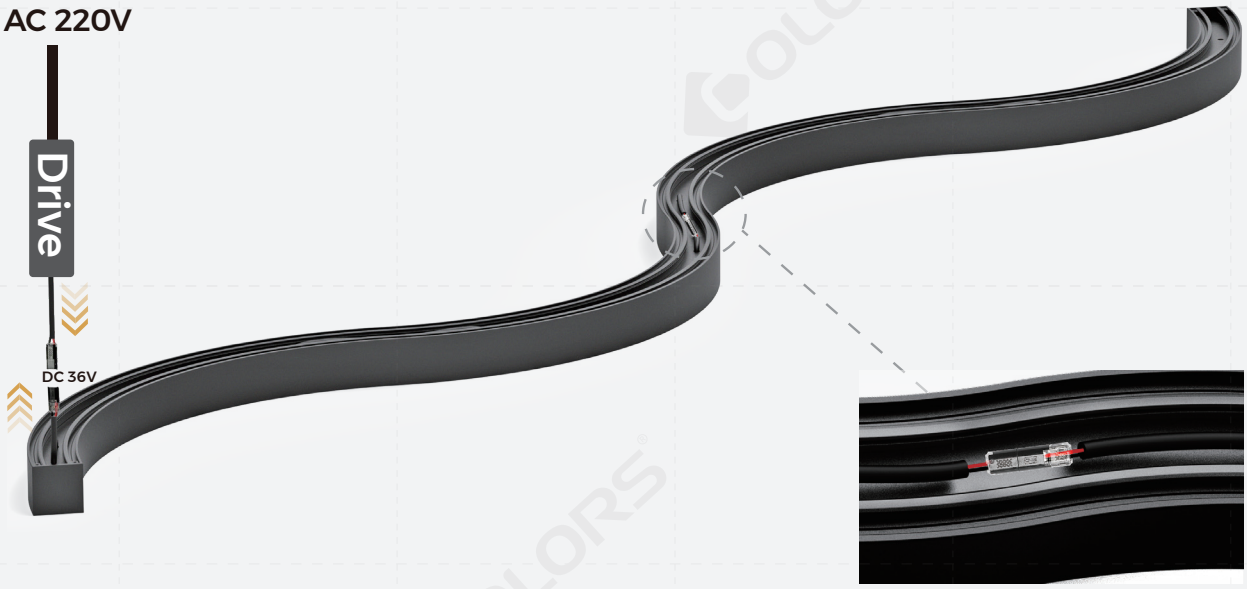
Drive

Output: 2A & 1.5A



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

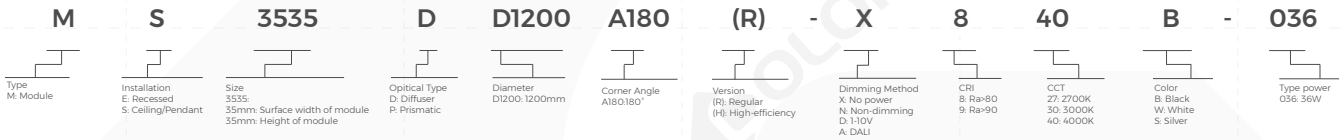
◎Packing

Model	Quantity (/inner box)	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
MS3535DD0450A180(R) -X840W013	1	6	3.39	6.60	490*500*260 [19.29"*19.68"*10.23"]
MS3535DD0600A180(R) -X840W018	1	6	4.52	8.70	650*660*260 [25.59"*25.98"*10.23"]
MS3535DD0800A180(R) -X840W024	-	6	6.03	10.50	850*860*260 [33.46"*33.85"*10.23"]
MS3535DD1000A180(R) -X840W030	-	6	7.54	12.00	1050*550*500 [41.33"*21.65"*19.68"]
MS3535DD1200A180(R) -X840W036	-	6	9.04	13.44	1250*650*500 [49.21"*25.59"*19.68"]
MS3535DD1500A180(R) -X840W047	-	6	11.30	16.80	1550*800*500 [61.02"*31.49"*19.68"]
MS5035DD0450A180(R) -X840W015	1	6	4.03	7.50	490*500*260 [19.29"*19.68"*10.23"]
MS5035DD0600A180(R) -X840W022	1	6	5.37	9.60	650*660*260 [25.59"*25.98"*10.23"]
MS5035DD0800A180(R) -X840W028	-	6	7.16	11.28	850*860*260 [33.46"*33.85"*10.23"]
MS5035DD1000A180(R) -X840W036	-	6	8.95	12.60	1050*550*500 [41.33"*21.65"*19.68"]
MS5035DD1200A180(R) -X840W044	-	6	10.74	14.40	1250*650*500 [49.21"*25.59"*19.68"]
MS5035DD1500A180(R) -X840W055	-	6	13.42	17.70	1550*800*500 [61.02"*31.49"*19.68"]
MS7035DD0600A180(R) -X840W028	1	6	6.50	10.14	650*660*260 [25.59"*25.98"*10.23"]
MS7035DD0800A180(R) -X840W044	-	6	8.67	12.48	850*860*260 [33.46"*33.85"*10.23"]
MS7035DD1000A180(R) -X840W047	-	6	10.83	15.54	1050*550*500 [41.33"*21.65"*19.68"]

Model	Quantity (/inner box)	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
MS7035DD1200A180(R)-X840W059	-	6	13.00	17.70	1250*650*500 [49.21"*25.59"*19.68"]
MS7035DD1500A180(R)-X840W075	-	6	16.25	18.00	1550*800*500 [61.02"*31.49"*19.68"]

Note:
1. The above weight data is for reference, the exact data should be based on the weight of the physical weighing shall prevail.
2. Only the D450/D600 sizes use the inner box packaging.

◎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