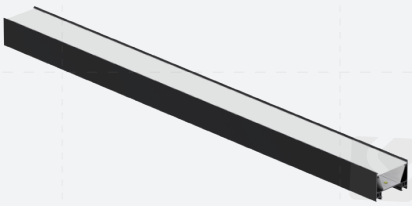
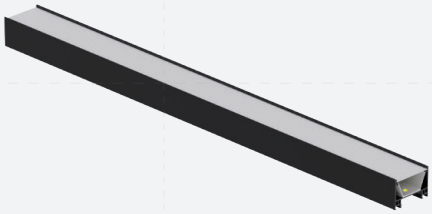
Infinite System Specification

— Line series

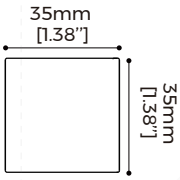
MS3535D
MS5035D
MS7035D
MS3535P
MS5035P
MS7035P



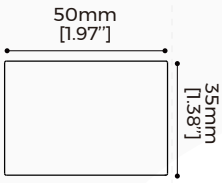
Optical: Diffuser



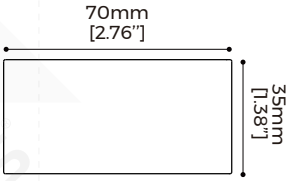
Optical: Prismatic



Model:
MS3535D
MS3535P



Model:
MS5035D
MS5035P



Model:
MS7035D
MS7035P

◎ Basic Information

Light efficiency

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

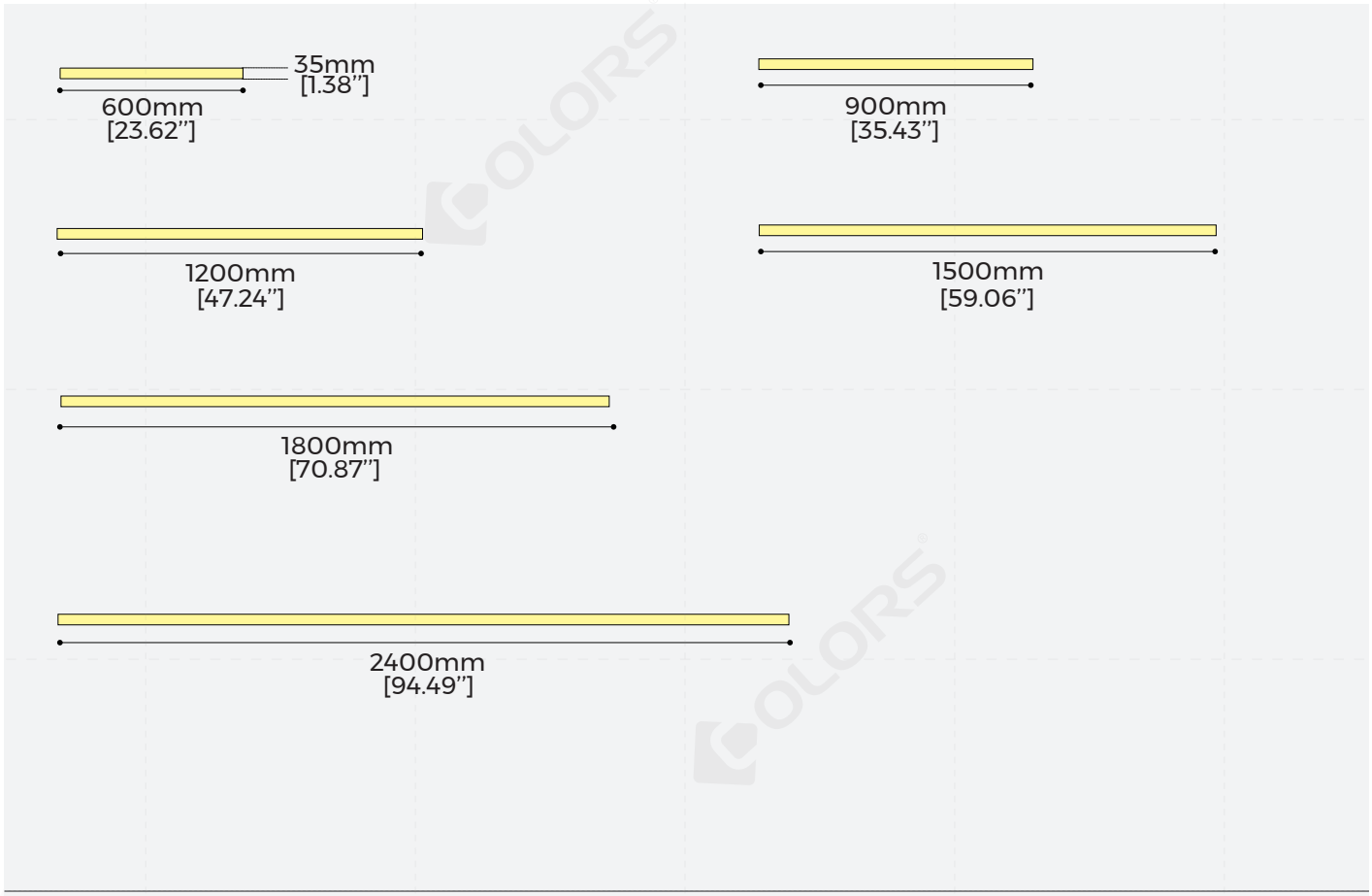
Side length

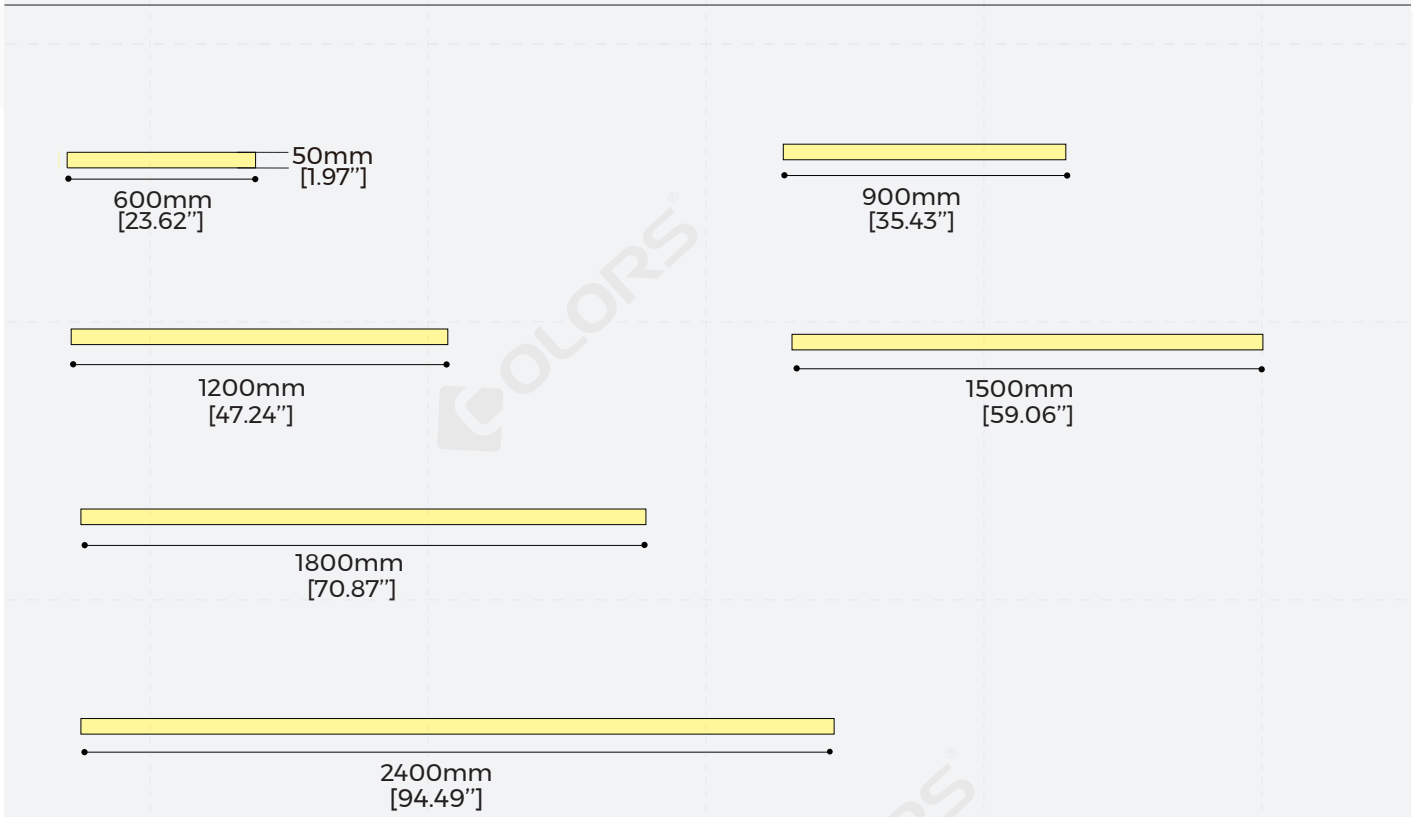
MS3535D/MS5035D/MS7035D 600/900/1200/1500/1800/2400mm	**MS3535P/MS5035P/MS7035P** 600/900/1200/1500/1800mm

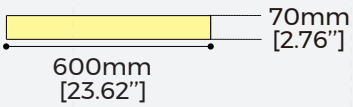
Common information

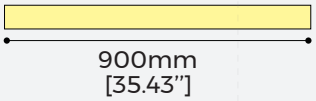
· Material:	AL6063-T5, spraying surface
· Color:	Black/White/Silver/0range/Blue/Green /Rose gold/Champagne gold
· IP grade:	IP20
· CCT:	2700/3000/3500/4000/5000/6500K
· CRI:	>80/>90
· SDCM:	≤3 Step
· Dimming method:	Non-dimming, 1-10V, DALI2+PUSH
· Application:	Indoor
· Installation:	Ceiling/Pendant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

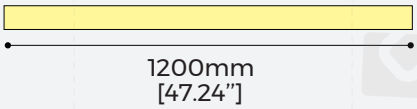
◎ Product Dimension Information

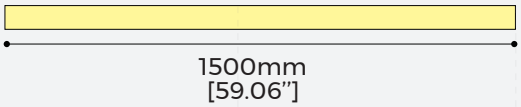


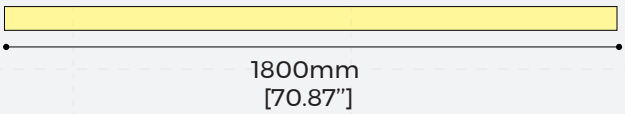


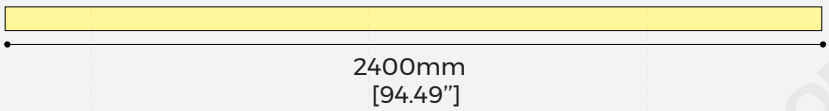












*The yellow fill means luminous surface.
*The lamp is to be produced as complete unit.
*The maximum length of the prism optical: 1.8M

◎ Luminaire Parameters

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
MS3535D	Regular	600 [1.97ft]	12	DC36V	0.3	>80	1186	2700K 3000K 3500K 4000K 5000K 6500K
						>90	1020	
		900 [2.95ft]	18	DC36V	0.45	>80	1779	
						>90	1530	
		1200 [3.94ft]	24	DC36V	0.6	>80	2372	
						>90	2040	
		1500 [4.92ft]	30	DC36V	0.75	>80	2965	
						>90	2550	
		1800 [5.91ft]	36	DC36V	0.9	>80	3558	
						>90	3060	
		2400 [7.87ft]	47	DC36V	1.2	>80	4744	
						>90	4080	
	High-Efficiency	600 [1.97ft]	12	DC36V	0.3	>80	1423	
						>90	1224	
		900 [2.95ft]	18	DC36V	0.45	>80	2135	
						>90	1836	
		1200 [3.94ft]	24	DC36V	0.6	>80	2847	
						>90	2448	
		1500 [4.92ft]	30	DC36V	0.75	>80	3558	
						>90	3060	
		1800 [5.91ft]	36	DC36V	0.9	>80	4270	
						>90	3672	
		2400 [7.87ft]	47	DC36V	1.2	>80	5693	
						>90	4896	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
MS3535P	Regular	600 [1.97ft]	12	DC36V	0.3	>80	1008	2700K 3000K 3500K 4000K 5000K 6500K
						>90	867	
		900 [2.95ft]	18	DC36V	0.45	>80	1512	
						>90	1301	
		1200 [3.94ft]	24	DC36V	0.6	>80	2016	
						>90	1734	
		1500 [4.92ft]	30	DC36V	0.75	>80	2520	
						>90	2168	
		1800 [5.91ft]	36	DC36V	0.9	>80	3024	
						>90	2601	
	High-Efficiency	600 [1.97ft]	12	DC36V	0.3	>80	1245	
						>90	1071	
		900 [2.95ft]	18	DC36V	0.45	>80	1868	
						>90	1607	
		1200 [3.94ft]	24	DC36V	0.6	>80	2491	
						>90	2142	
		1500 [4.92ft]	30	DC36V	0.75	>80	3113	
						>90	2678	
		1800 [5.91ft]	36	DC36V	0.9	>80	3736	
						>90	3213	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
MS5035D	Regular	600 [1.97ft]	16	DC36V	0.6	>80	1581	2700K 3000K 3500K 4000K 5000K 6500K
						>90	1360	
		900 [2.95ft]	24	DC36V	0.6	>80	2372	
						>90	2040	
		1200 [3.94ft]	30	DC36V	0.75	>80	2965	
						>90	2550	
		1500 [4.92ft]	40	DC36V	1	>80	3953	
						>90	3400	
		1800 [5.91ft]	45	DC36V	1.15	>80	4547	
						>90	3910	
		2400 [7.87ft]	59	DC36V	1.5	>80	5930	
						>90	5100	
	High-Efficiency	600 [1.97ft]	16	DC36V	0.6	>80	1898	
						>90	1632	
		900 [2.95ft]	24	DC36V	0.6	>80	2847	
						>90	2448	
		1200 [3.94ft]	30	DC36V	0.75	>80	3558	
						>90	3060	
		1500 [4.92ft]	40	DC36V	1	>80	4744	
						>90	4080	
		1800 [5.91ft]	45	DC36V	1.15	>80	5456	
						>90	4692	
		2400 [7.87ft]	59	DC36V	1.5	>80	7116	
						>90	6120	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
MS5035P	Regular	600 [1.97ft]	16	DC36V	0.6	>80	1423	2700K 3000K 3500K 4000K 5000K 6500K
						>90	1224	
		900 [2.95ft]	24	DC36V	0.6	>80	2135	
						>90	1836	
		1200 [3.94ft]	30	DC36V	0.75	>80	2669	
						>90	2295	
		1500 [4.92ft]	40	DC36V	1	>80	3558	
						>90	3060	
		1800 [5.91ft]	45	DC36V	1.15	>80	4092	
						>90	3519	
	High-Efficiency	600 [1.97ft]	16	DC36V	0.6	>80	1660	
						>90	1428	
		900 [2.95ft]	24	DC36V	0.6	>80	2491	
						>90	2142	
		1200 [3.94ft]	30	DC36V	0.75	>80	3113	
						>90	2678	
		1500 [4.92ft]	40	DC36V	1	>80	4151	
						>90	3570	
		1800 [5.91ft]	45	DC36V	1.15	>80	4774	
						>90	4106	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
MS7035D	Regular	600 [1.97ft]	20	DC36V	0.5	>80	2174	2700K 3000K 3500K 4000K 5000K 6500K
						>90	1870	
		900 [2.95ft]	30	DC36V	0.75	>80	3262	
						>90	2805	
		1200 [3.94ft]	40	DC36V	1	>80	4349	
						>90	3740	
		1500 [4.92ft]	49	DC36V	1.25	>80	5436	
						>90	4675	
		1800 [5.91ft]	59	DC36V	1.5	>80	6523	
						>90	5610	
		2400 [7.87ft]	79	DC36V	2	>80	8698	
						>90	7480	
	High-Efficiency	600 [1.97ft]	20	DC36V	0.5	>80	2669	
						>90	2295	
		900 [2.95ft]	30	DC36V	0.75	>80	4003	
						>90	3443	
		1200 [3.94ft]	40	DC36V	1	>80	5337	
						>90	4590	
		1500 [4.92ft]	49	DC36V	1.25	>80	6672	
						>90	5738	
		1800 [5.91ft]	59	DC36V	1.5	>80	8006	
						>90	6885	
		2400 [7.87ft]	79	DC36V	2	>80	10674	
						>90	9180	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
MS7035P	Regular	600 [1.97ft]	20	DC36V	0.5	>80	1977	2700K 3000K 3500K 4000K 5000K 6500K
						>90	1700	
		900 [2.95ft]	30	DC36V	0.75	>80	2965	
						>90	2550	
		1200 [3.94ft]	40	DC36V	1	>80	3953	
						>90	3400	
		1500 [4.92ft]	49	DC36V	1.25	>80	4942	
						>90	4250	
		1800 [5.91ft]	59	DC36V	1.5	>80	5930	
						>90	5100	
	High-Efficiency	600 [1.97ft]	20	DC36V	0.5	>80	2372	
						>90	2040	
		900 [2.95ft]	30	DC36V	0.75	>80	3558	
						>90	3060	
		1200 [3.94ft]	40	DC36V	1	>80	4744	
						>90	4080	
		1500 [4.92ft]	49	DC36V	1.25	>80	5930	
						>90	5100	
		1800 [5.91ft]	59	DC36V	1.5	>80	7116	
						>90	6120	

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:

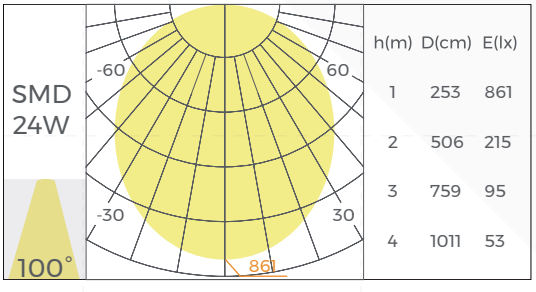
CCT	RA	Ratio of lumens (white coated luminaire)	Ratio of lumens (Other coated colors of luminaire)
2700K	80	90%	Calculate white coated luminaire lumens first, then multiply by 90 %
	90	77%	
3000K	80	93%	
	90	80%	
3500K	80	97%	
	90	83%	
4000K	80	100%	
	90	86%	
5000K	80	100%	
	90	86%	
6500K	80	100%	
	90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

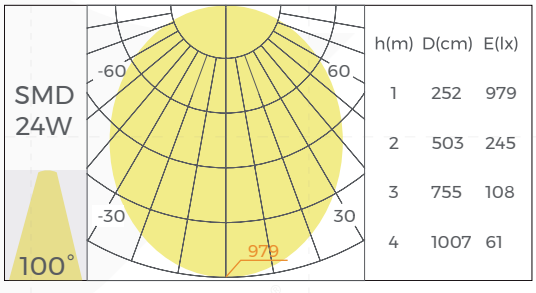
◎ Optical Parameter

【MS3535D】



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

Regular version

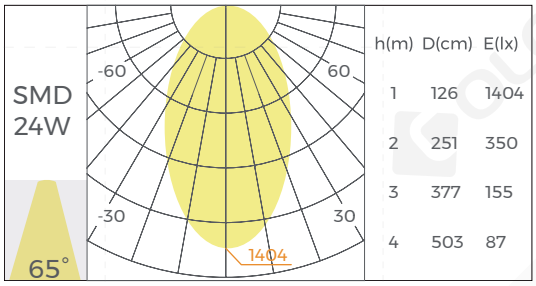


h(m)	D(cm)	E(lx)
1	252	979
2	503	245
3	755	108
4	1007	61

High-efficiency version

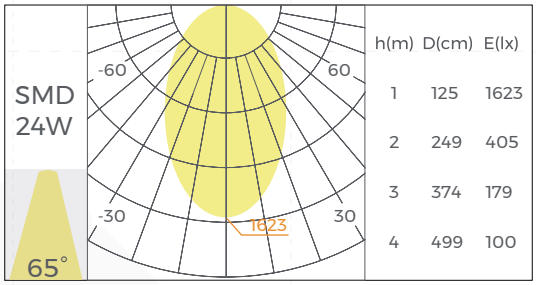
*The above data is based on a 1200mm length module with Ra80,4000K.

【MS3535P】



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

Regular version

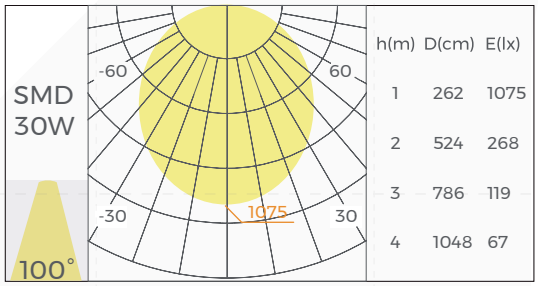


h(m)	D(cm)	E(lx)
1	125	1623
2	249	405
3	374	179
4	499	100

High-efficiency version

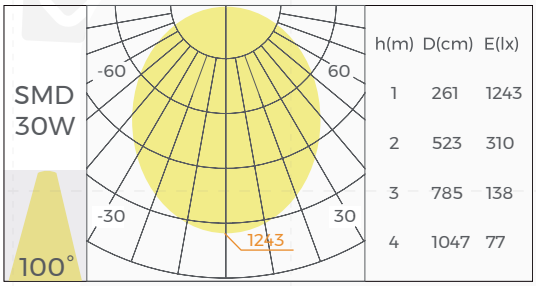
*The above data is based on a 1200mm length module with Ra80,4000K.

【MS5035D】



h(m)	D(cm)	E(lx)
1	262	1075
2	524	268
3	786	119
4	1048	67

Regular version

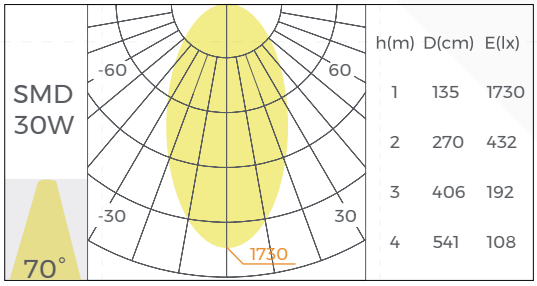


h(m)	D(cm)	E(lx)
1	261	1243
2	523	310
3	785	138
4	1047	77

High-efficiency version

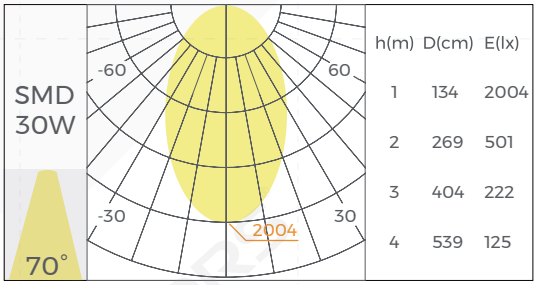
*The above data is based on a 1200mm length module with Ra80,4000K.

【MS5035P】



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

Regular version

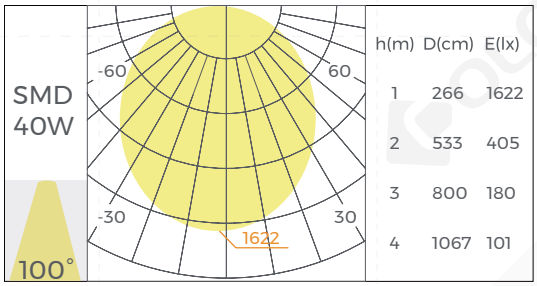


h(m)	D(cm)	E(lx)
1	134	2004
2	269	501
3	404	222
4	539	125

High-efficiency version

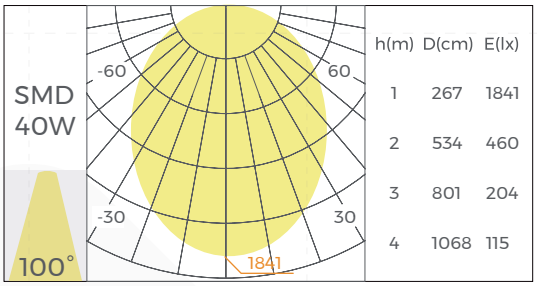
*The above data is based on a 1200mm length module with Ra80,4000K.

【MS7035D】



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

Regular version

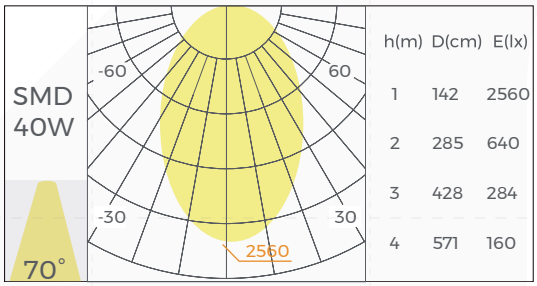


h(m)	D(cm)	E(lx)
1	267	1841
2	534	460
3	801	204
4	1068	115

High-efficiency version

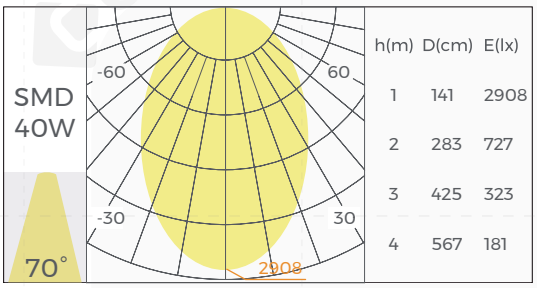
*The above data is based on a 1200mm length module with Ra80,4000K.

【MS7035P】



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

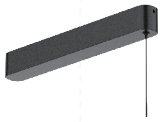
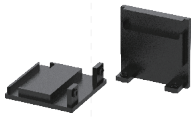
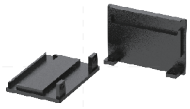
*The above data is based on a 1200mm length module with Ra80,4000K.

◎ Installation 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	
		LF-GLD025YE		25-42V	0.3/0.35/0.4 /0.45/0.5/0.55A	245*30*21	
		LF-GLD035YE		25-42V	0.6/0.65/0.7 /0.75/0.8A	245*30*21	
	0-10V	LF-GLD045YE	AC220 ~240V 50/60Hz	25-42V	0.85/0.9/1 /1.05A	245*30*21	CCC/ENEC/CE/ RCM/UKCA
		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	
		LF-GSD020YE		25-42V	0.25~0.5A (50mA)	245*30*21	
		LF-GSD030YE		25-42V	0.55~0.75A (50mA)	245*30*21	
	DALI	LF-GSD040YE	AC220 ~240V 50/60Hz	25-42V	0.8~1.05A (50mA)	245*30*21	CCC/ENEC/CE/ RCM/UKCA
		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

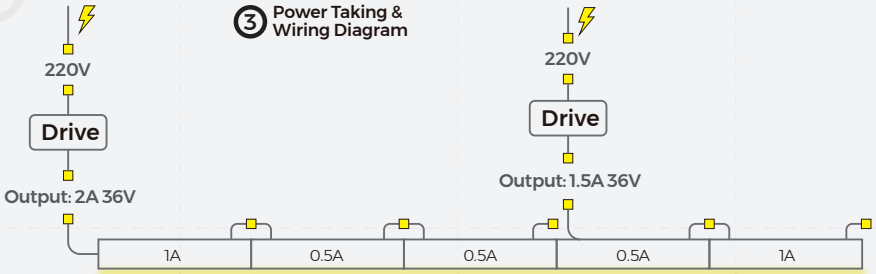
2A | 1.5A

② Select Power Supply

Drive

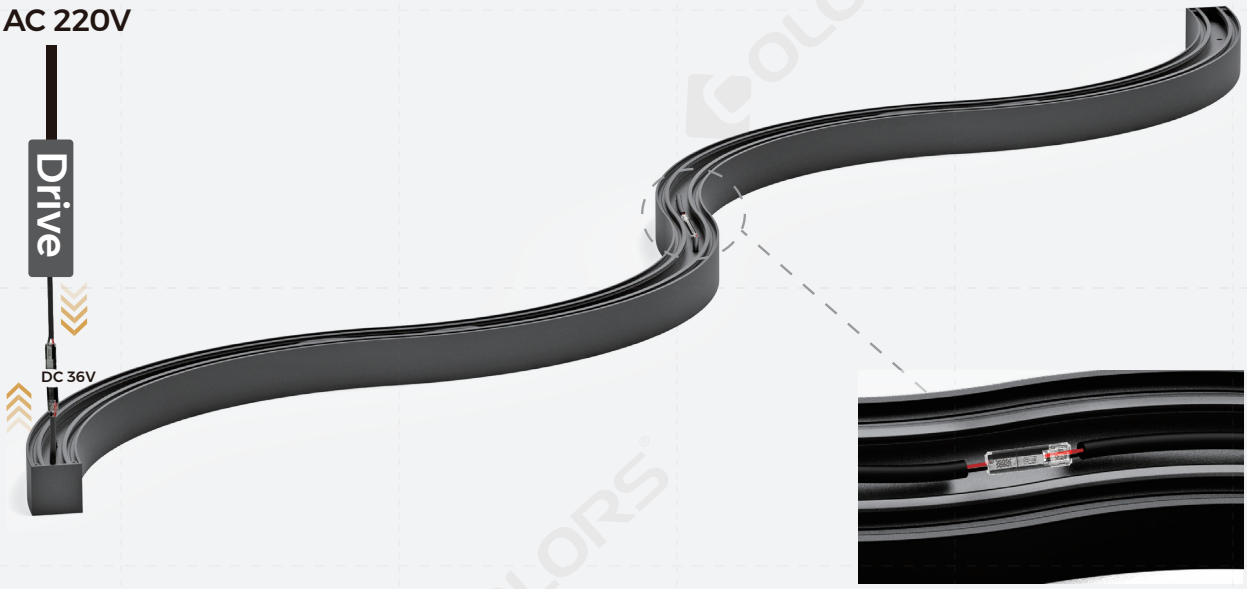
Output: 2A & 1.5A

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 (/inner box)	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
MS3535D0600(R) -X840W012	1	6	2.88	6.00	670*180*260 [26.37"*7.08"*10.23"]
MS3535D0900(R) -X840W018	1	6	4.32	7.20	970*180*260 [38.18"*7.08"*10.23"]
MS3535D1200(R) -X840W024	1	6	5.76	9.60	1270*180*260 [50"*7.08"*10.23"]
MS3535D1500(R) -X840W030	1	6	7.20	10.80	1570*180*260 [43.30"*7.08"*10.23"]
MS3535D1800(R) -X840W036	1	6	8.64	12.60	1870*180*260 [44.09"*7.08"*10.23"]
MS3535D2400(R) -X840W047	1	6	11.52	15.60	2470*180*260 [55.90"*7.08"*10.23"]
MS5035D0600(R) -X840W016	1	6	3.42	6.60	670*260*210 [26.37"*10.23"*8.26"]
MS5035D0900(R) -X840W024	1	6	5.13	9.00	970*260*210 [38.18"*10.23"*8.26"]
MS5035D1200(R) -X840W030	1	6	6.84	9.60	1270*260*210 [50"*10.23"*8.26"]
MS5035D1500(R) -X840W040	1	6	8.55	12.00	1570*260*210 [43.30"*10.23"*8.26"]
MS5035D1800(R) -X840W045	1	6	10.26	13.80	1870*260*210 [44.09"*10.23"*8.26"]
MS5035D2400(R) -X840W059	1	6	13.68	18.00	2470*260*210 [55.90"*10.23"*8.26"]
MS7035D0600(R) -X840W020	1	6	4.14	7.20	670*260*250 [26.37"*10.23"*9.84"]
MS7035D0900(R) -X840W030	1	6	6.21	9.60	970*260*250 [38.18"*10.23"*9.84"]
MS7035D1200(R) -X840W040	1	6	8.28	12.00	1270*260*250 [50"*10.23"*9.84"]

Model	Quantity (/inner box)	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
MS7035D1500(R) -X840W049	1	6	10.35	13.80	1570*260*250 [43.30"*10.23"*9.84"]
MS7035D1800(R) -X840W059	1	6	12.42	16.80	1870*260*250 [44.09"*10.23"*9.84"]
MS7035D2400(R) -X840W079	1	6	16.56	21.00	2470*260*250 [55.90"*10.23"*9.84"]

Note:

1. The above weight data is for reference, the exact data should be based on the weight of the physical weighing shall prevail.

◎Model Code

M	S	3535	D	1200	(R)	-	X	8	40	B	-	024
Type M: Module	Installation E: Recessed S: Ceiling/Pendant	Size 3535: 35mm: Surface width of module 35mm: Height of module	Opitical Type D: Diffuser P: Prismatic	Length 1200: 1200mm	Version (R): Regular (H): High-efficiency		Dimming Method X: No power N: Non-dimming D: 1-10V A: DALI	CRI 8: Ra>80 9: Ra>90	CCT 27: 2700K 30: 3000K 40: 4000K	Color B: Black W: White S: Silver		Type power 024: 24W

◎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