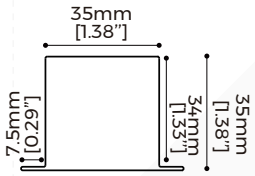
Infinite System Specification

— Curve series

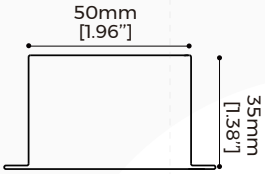
ME3535D-A120
ME5035D-A120
ME7035D-A120
ME3535P-A120
ME5035P-A120
ME7035P-A120

Optical: Diffuser

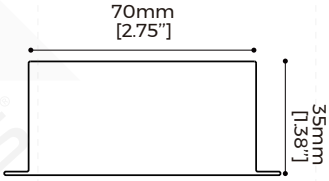
Optical: Prismatic



Model:
ME3535D-A120
ME3535P-A120



Model:
ME5035D-A120
ME5035P-A120



Model:
ME7035D-A120
ME7035P-A120

◎ Basic Information

Light efficiency

ME3535D-A120 100LM/W(Regular), 120LM/W(High-Efficiency)	**ME3535P-A120** 85LM/W(Regular), 105LM/W(High-Efficiency)
ME5035D-A120 100LM/W(Regular), 120LM/W(High-Efficiency)	**ME5035P-A120** 90LM/W(Regular), 105LM/W(High-Efficiency)
ME7035D-A120 110LM/W(Regular), 135LM/W(High-Efficiency)	**ME7035P-A120** 100LM/W(Regular), 120LM/W(High-Efficiency)

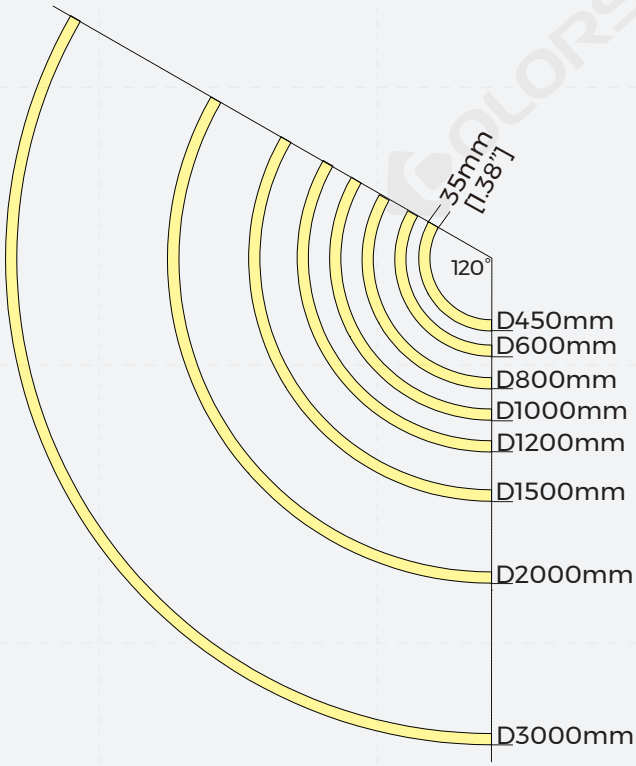
Diameter

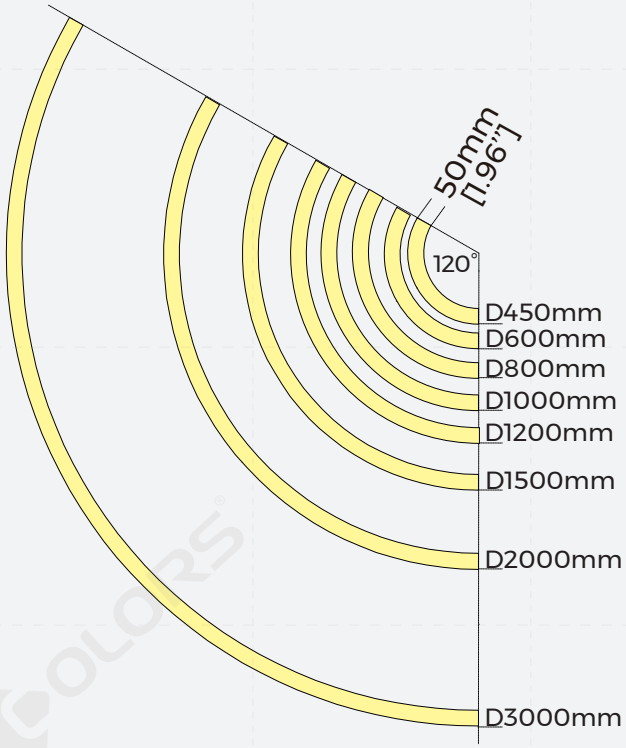
ME3535D-A120/ME3535P-A120/ME5035D-A120/ME5035P-A120 D450/600/800/1000/1200/1500/2000/3000 mm	**ME7035D-A120/ME7035P-A120** 600/800/1000/1200/1500/2000/3000 mm

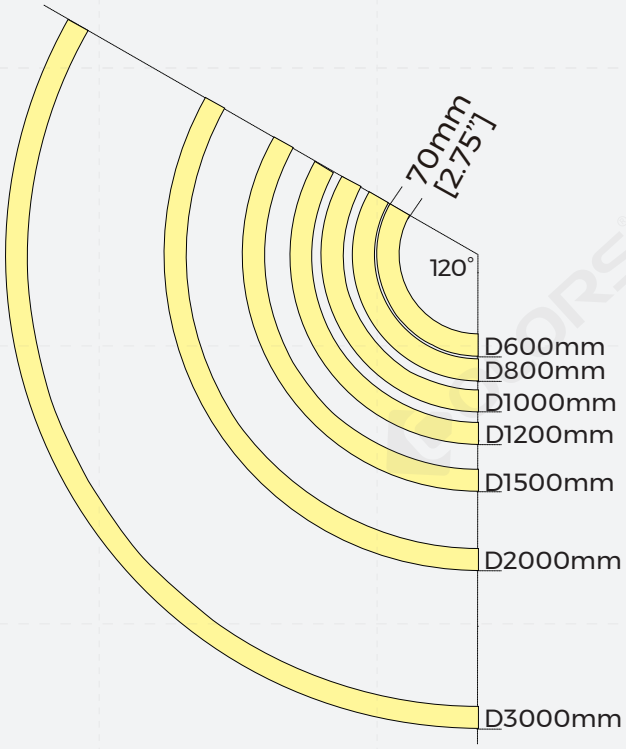
Common information

· 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:	Recessed
· 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
ME3535D-A120	Regular	D450 [1.48ft]	120°	9	DC36V	0.225	>80	890	2700K 3000K 3500K 4000K 5000K 6500K
							>90	765	
		D600 [1.97ft]	120°	12	DC36V	0.3	>80	1186	
							>90	1020	
		D800 [2.62ft]	120°	16	DC36V	0.4	>80	1581	
							>90	1360	
		D1000 [3.28ft]	120°	20	DC36V	0.5	>80	1977	
							>90	1700	
		D1200 [3.94ft]	120°	24	DC36V	0.6	>80	2372	
							>90	2040	
		D1500 [4.92ft]	120°	32	DC36V	0.8	>80	3163	
							>90	2720	
		D2000 [6.56ft]	120°	42	DC36V	1.06	>80	4191	
							>90	3604	
		D3000 [9.84ft]	120°	63	DC36V	0.225	>80	6326	
							>90	5440	
	High-Efficiency	D450 [1.48ft]	120°	9	DC36V	0.225	>80	1067	
							>90	918	
		D600 [1.97ft]	120°	12	DC36V	0.3	>80	1423	
							>90	1224	
		D800 [2.62ft]	120°	16	DC36V	0.4	>80	1898	
							>90	1632	
		D1000 [3.28ft]	120°	20	DC36V	0.5	>80	2372	
							>90	2040	
		D1200 [3.94ft]	120°	24	DC36V	0.6	>80	2847	
							>90	2448	
		D1500 [4.92ft]	120°	32	DC36V	0.8	>80	3795	
							>90	3264	
		D2000 [6.56ft]	120°	42	DC36V	1.06	>80	5029	
							>90	4325	
		D3000 [9.84ft]	120°	63	DC36V	0.225	>80	7591	
							>90	6528	

Model	Version	Diameter (mm)	Angle (°)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
ME3535P-A120	Regular	D450 [1.48ft]	120°	9	DC36V	0.225	>80	756	2700K 3000K 3500K 4000K 5000K 6500K
							>90	650	
		D600 [1.97ft]	120°	12	DC36V	0.3	>80	1008	
							>90	867	
		D800 [2.62ft]	120°	16	DC36V	0.4	>80	1344	
							>90	1156	
		D1000 [3.28ft]	120°	20	DC36V	0.5	>80	1680	
							>90	1445	
		D1200 [3.94ft]	120°	24	DC36V	0.6	>80	2016	
							>90	1734	
		D1500 [4.92ft]	120°	32	DC36V	0.8	>80	2688	
							>90	2312	
		D2000 [6.56ft]	120°	42	DC36V	1.06	>80	3562	
							>90	3063	
		D3000 [9.84ft]	120°	63	DC36V	0.225	>80	5377	
							>90	4624	
	High-Efficiency	D450 [1.48ft]	120°	9	DC36V	0.225	>80	934	
							>90	803	
		D600 [1.97ft]	120°	12	DC36V	0.3	>80	1245	
							>90	1071	
		D800 [2.62ft]	120°	16	DC36V	0.4	>80	1660	
							>90	1428	
		D1000 [3.28ft]	120°	20	DC36V	0.5	>80	2076	
							>90	1785	
		D1200 [3.94ft]	120°	24	DC36V	0.6	>80	2491	
							>90	2142	
		D1500 [4.92ft]	120°	32	DC36V	0.8	>80	3321	
							>90	2856	
		D2000 [6.56ft]	120°	42	DC36V	1.06	>80	4400	
							>90	3784	
		D3000 [9.84ft]	120°	63	DC36V	0.225	>80	6642	
							>90	5712	

Model	Version	Diameter (mm)	Angle (°)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
ME5035D-A120	Regular	D450 [1.48ft]	120°	11	DC36V	0.28	>80	1107	2700K 3000K 3500K 4000K 5000K 6500K
							>90	952	
		D600 [1.97ft]	120°	15	DC36V	0.375	>80	1483	
							>90	1275	
		D800 [2.62ft]	120°	20	DC36V	0.5	>80	1977	
							>90	1700	
		D1000 [3.28ft]	120°	24	DC36V	0.6	>80	2372	
							>90	2040	
		D1200 [3.94ft]	120°	30	DC36V	0.75	>80	2965	
							>90	2550	
		D1500 [4.92ft]	120°	37	DC36V	0.94	>80	3716	
							>90	3196	
		D2000 [6.56ft]	120°	47	DC36V	1.2	>80	4744	
							>90	4080	
		D3000 [9.84ft]	120°	71	DC36V	1.8	>80	7116	
							>90	6120	
	High-Efficiency	D450 [1.48ft]	120°	11	DC36V	0.28	>80	1328	
							>90	1142	
		D600 [1.97ft]	120°	15	DC36V	0.375	>80	1779	
							>90	1530	
		D800 [2.62ft]	120°	20	DC36V	0.5	>80	2372	
							>90	2040	
		D1000 [3.28ft]	120°	24	DC36V	0.6	>80	2847	
							>90	2448	
		D1200 [3.94ft]	120°	30	DC36V	0.75	>80	3558	
							>90	3060	
		D1500 [4.92ft]	120°	37	DC36V	0.94	>80	4460	
							>90	3835	
		D2000 [6.56ft]	120°	47	DC36V	1.2	>80	5693	
							>90	4896	
		D3000 [9.84ft]	120°	71	DC36V	1.8	>80	8540	
							>90	7344	

Model	Version	Diameter (mm)	Angle (°)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
ME5035P-A120	Regular	D450 [1.48ft]	120°	11	DC36V	0.28	>80	996	2700K 3000K 3500K 4000K 5000K 6500K
							>90	857	
		D600 [1.97ft]	120°	15	DC36V	0.375	>80	1334	
							>90	1148	
		D800 [2.62ft]	120°	20	DC36V	0.5	>80	1779	
							>90	1530	
		D1000 [3.28ft]	120°	24	DC36V	0.6	>80	2135	
							>90	1836	
		D1200 [3.94ft]	120°	30	DC36V	0.75	>80	2669	
							>90	2295	
		D1500 [4.92ft]	120°	37	DC36V	0.94	>80	3345	
							>90	2876	
		D2000 [6.56ft]	120°	47	DC36V	1.2	>80	4270	
							>90	3672	
		D3000 [9.84ft]	120°	71	DC36V	1.8	>80	6405	
							>90	5508	
	High-Efficiency	D450 [1.48ft]	120°	11	DC36V	0.28	>80	1162	
							>90	1000	
		D600 [1.97ft]	120°	15	DC36V	0.375	>80	1557	
							>90	1339	
		D800 [2.62ft]	120°	20	DC36V	0.5	>80	2076	
							>90	1785	
		D1000 [3.28ft]	120°	24	DC36V	0.6	>80	2491	
							>90	2142	
		D1200 [3.94ft]	120°	30	DC36V	0.75	>80	3113	
							>90	2678	
		D1500 [4.92ft]	120°	37	DC36V	0.94	>80	3902	
							>90	3356	
		D2000 [6.56ft]	120°	47	DC36V	1.2	>80	4981	
							>90	4284	
		D3000 [9.84ft]	120°	71	DC36V	1.8	>80	7472	
							>90	6426	

Model	Version	Diameter (mm)	Angle (°)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
ME7035D-A120	Regular	D600 [1.97ft]	120°	20	DC36V	0.5	>80	2174	2700K 3000K 3500K 4000K 5000K 6500K
							>90	1870	
		D800 [2.62ft]	120°	30	DC36V	0.75	>80	3262	
							>90	2805	
		D1000 [3.28ft]	120°	32	DC36V	0.8	>80	3479	
							>90	2992	
		D1200 [3.94ft]	120°	40	DC36V	1	>80	4349	
							>90	3740	
		D1500 [4.92ft]	120°	49	DC36V	1.25	>80	5436	
							>90	4675	
		D2000 [6.56ft]	120°	66	DC36V	1.66	>80	7219	
							>90	6208	
		D3000 [9.84ft]	120°	99	DC36V	2.5	>80	10872	
							>90	9350	
	High-Efficiency	D600 [1.97ft]	120°	20	DC36V	0.5	>80	2669	
							>90	2295	
		D800 [2.62ft]	120°	30	DC36V	0.75	>80	4003	
							>90	3443	
		D1000 [3.28ft]	120°	32	DC36V	0.8	>80	4270	
							>90	3672	
		D1200 [3.94ft]	120°	40	DC36V	1	>80	5337	
							>90	4590	
		D1500 [4.92ft]	120°	49	DC36V	1.25	>80	6672	
							>90	5738	
		D2000 [6.56ft]	120°	66	DC36V	1.66	>80	8860	
							>90	7619	
		D3000 [9.84ft]	120°	99	DC36V	2.5	>80	13343	
							>90	11475	

Model	Version	Diameter (mm)	Angle (°)	Type Power (W/PCS)	Input Voltage (V)	Input Current (A)	CRI	Lumens (LM/PCS)	CCT
ME7035P-A120	Regular	D600 [1.97ft]	120°	20	DC36V	0.5	>80	1977	2700K 3000K 3500K 4000K 5000K 6500K
							>90	1700	
		D800 [2.62ft]	120°	30	DC36V	0.75	>80	2965	
							>90	2550	
		D1000 [3.28ft]	120°	32	DC36V	0.8	>80	3163	
							>90	2720	
		D1200 [3.94ft]	120°	40	DC36V	1	>80	3953	
							>90	3400	
		D1500 [4.92ft]	120°	49	DC36V	1.25	>80	4942	
							>90	4250	
		D2000 [6.56ft]	120°	66	DC36V	1.66	>80	6563	
							>90	5644	
		D3000 [9.84ft]	120°	99	DC36V	2.5	>80	9884	
							>90	8500	
	High-Efficiency	D600 [1.97ft]	120°	20	DC36V	0.5	>80	2372	
							>90	2040	
		D800 [2.62ft]	120°	30	DC36V	0.75	>80	3558	
							>90	3060	
		D1000 [3.28ft]	120°	32	DC36V	0.8	>80	3795	
							>90	3264	
		D1200 [3.94ft]	120°	40	DC36V	1	>80	4744	
							>90	4080	
		D1500 [4.92ft]	120°	49	DC36V	1.25	>80	5930	
							>90	5100	
		D2000 [6.56ft]	120°	66	DC36V	1.66	>80	7875	
							>90	6773	
		D3000 [9.84ft]	120°	99	DC36V	2.5	>80	11860	
							>90	10200	

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:

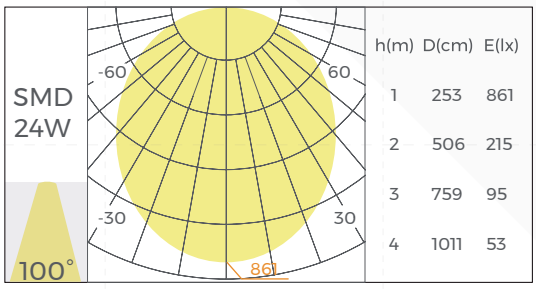
CCT	RA	Ratio of lumens (white coated luminaire)	Ratio of lumens (Other coated colors of luminaire)
2700K	80	90%	Calculate white coated luminaire lumens first, then multiply by 90 %
	90	77%	
3000K	80	93%	
	90	80%	
3500K	80	97%	
	90	83%	
4000K	80	100%	
	90	86%	
5000K	80	100%	
	90	86%	
6500K	80	100%	
	90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

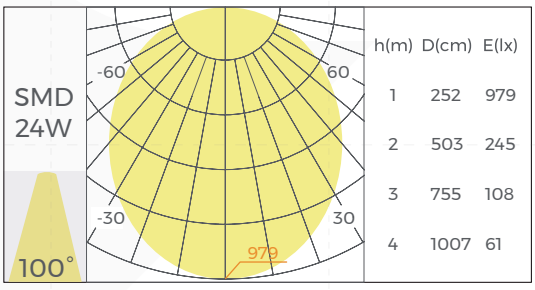
◎ Optical Parameter

【ME3535D-A120】



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

Regular version

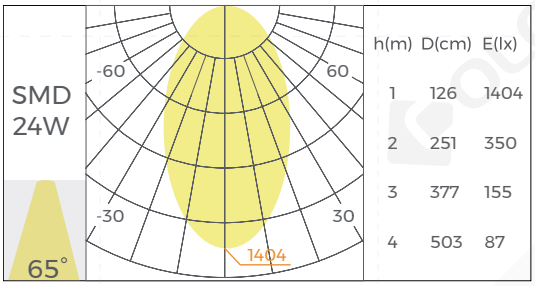


h(m)	D(cm)	E(lx)
1	252	979
2	503	245
3	755	108
4	1007	61

High-efficiency version

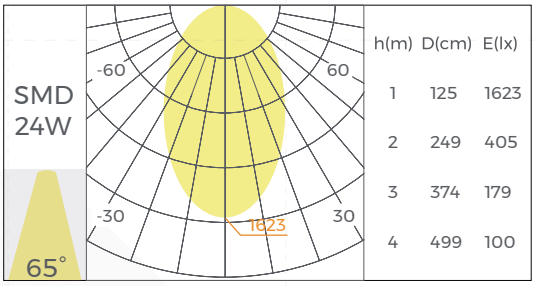
*The above data is based on a 1200mm diameter module with Ra80,4000K.

【ME3535P-A120】



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

Regular version

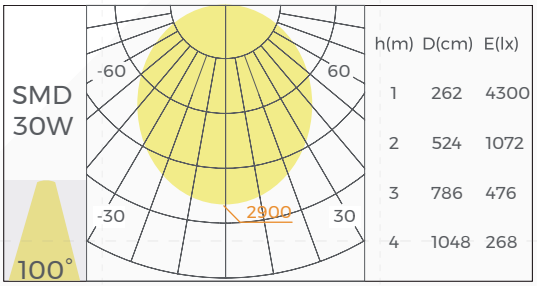


h(m)	D(cm)	E(lx)
1	125	1623
2	249	405
3	374	179
4	499	100

High-efficiency version

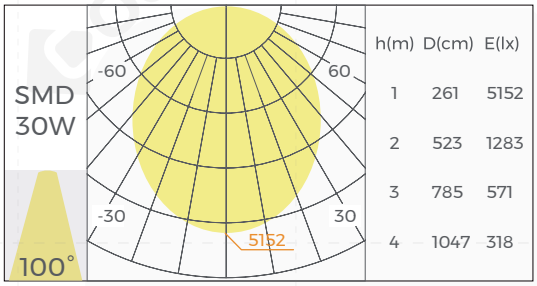
*The above data is based on a 1200mm diameter module with Ra80,4000K.

【ME5035D-A120】



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

Regular version

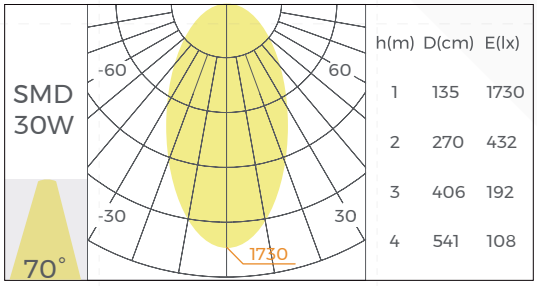


h(m)	D(cm)	E(lx)
1	261	5152
2	523	1283
3	785	571
4	1047	318

High-efficiency version

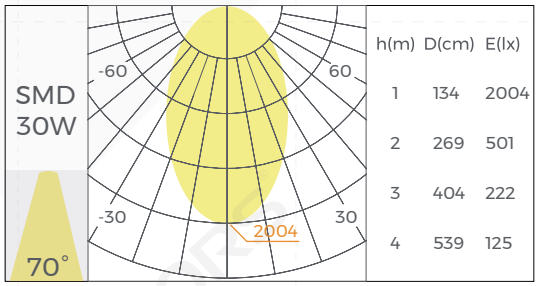
*The above data is based on a 1200mm diameter module with Ra80,4000K.

【ME5035P-A120】



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

Regular version

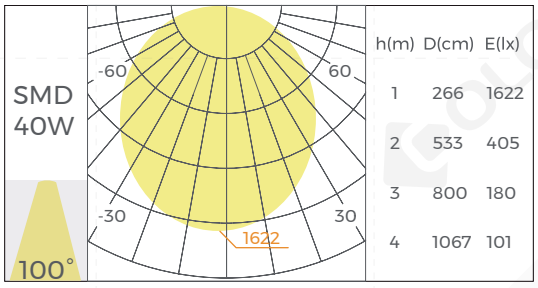


h(m)	D(cm)	E(lx)
1	134	2004
2	269	501
3	404	222
4	539	125

High-efficiency version

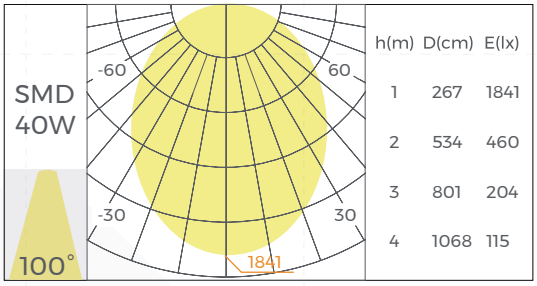
*The above data is based on a 1200mm diameter module with Ra80,4000K.

【ME7035D-A120】



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

Regular version

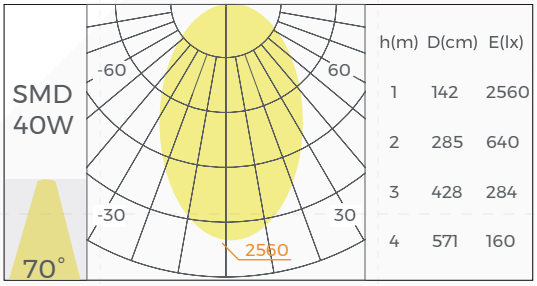


h(m)	D(cm)	E(lx)
1	267	1841
2	534	460
3	801	204
4	1068	115

High-efficiency version

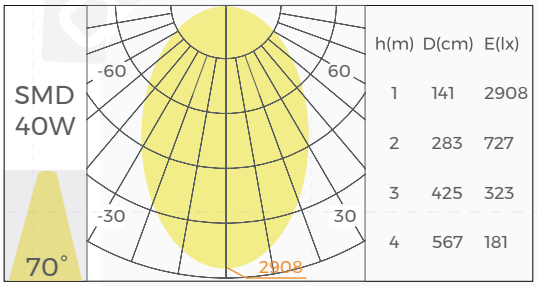
*The above data is based on a 1200mm diameter module with Ra80,4000K.

【ME7035P-A120】



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.

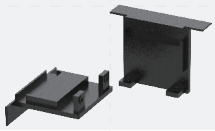
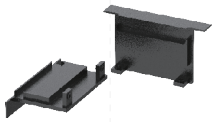
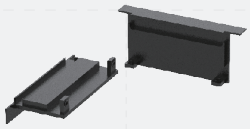
Note:
1. The above optical parameters refer to the Line series; only the light-emitting angle can be used as a reference.
2. For specific luminous effects, please use the report input DIALux software in the test report.

◎ 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
	Recessed	RB-04	Suitable for ME3535/ME5035/ME7035 recessed accessory 4 pcs/set
	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 ME3535/ME5035/ME7035 recessed input line
	End Caps	EC-ME3535	Material:AL6063-T5 Size:L50*W35*H2.5mm
	End Caps	EC-ME5035	Material:AL6063-T5 Size:L65*W35*H2.5mm
	End Caps	EC-ME7035	Material:AL6063-T5 Size:L85*W35*H2.5mm

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

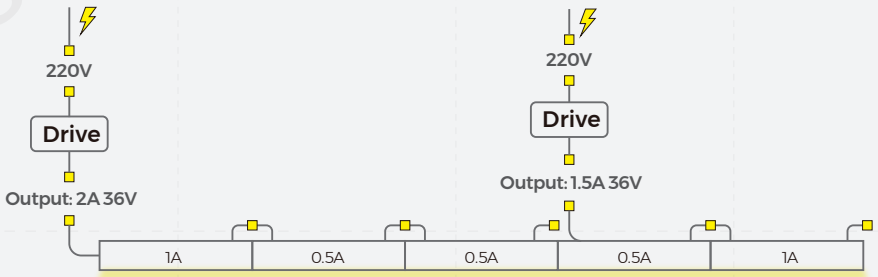
1A+0.5A+0.5A+0.5A+1A=3.5A

2A	1.5A

② **Select Power Supply**

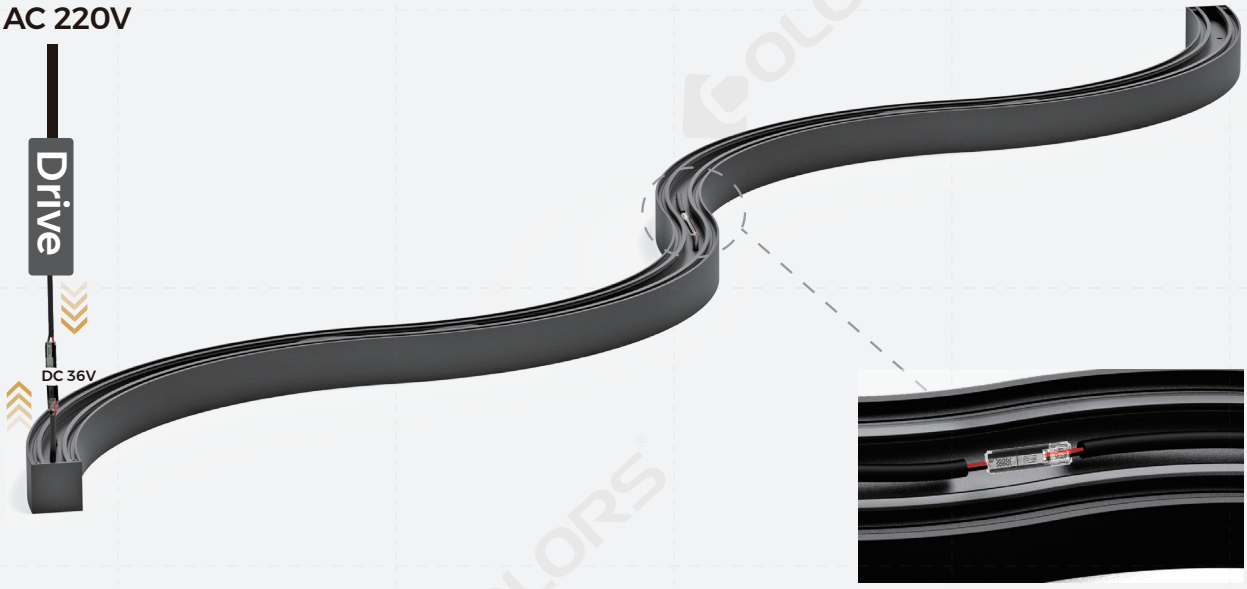
Drive

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)
ME3535DD0450A120(R) -X840W009	1	6	2.28	5.88	470*320*260 [18.50"*12.59"*10.23"]
ME3535DD0600A120(R) -X840W012	1	6	3.01	6.90	580*420*260 [22.83"*16.53"*10.23"]
ME3535DD0800A120(R) -X840W016	1	6	4.02	8.04	760*520*260 [29.92"*20.47"*10.23"]
ME3535DD1000A120(R) -X840W020	-	6	5.02	9.60	920*320*500 [36.22"*12.59"*19.68"]
ME3535DD1200A120(R) -X840W024	-	6	6.03	10.92	920*370*500 [36.22"*14.56"*19.68"]
ME3535DD1500A120(R) -X840W032	-	6	7.54	12.60	1370*440*500 [53.93"*17.32"*19.68"]
ME3535DD2000A120(R) -X840W042	-	6	10.05	14.10	1780*560*500 [70.07"*22.04"*19.68"]
ME3535DD3000A120(R) -X840W063	-	6	15.07	20.40	2650*820*500 [104.33"*32.28"*19.68"]
ME5035DD0450A120(R) -X840W011	1	6	2.68	6.84	470*320*260 [18.50"*12.59"*10.23"]
ME5035DD0600A120(R) -X840W015	1	6	3.58	7.50	580*420*260 [22.83"*16.53"*10.23"]
ME5035DD0800A120(R) -X840W020	1	6	4.77	9.12	760*520*260 [29.92"*20.47"*10.23"]
ME5035DD1000A120(R) -X840W024	-	6	5.97	10.56	920*320*500 [36.22"*12.59"*19.68"]
ME5035DD1200A120(R) -X840W030	-	6	7.16	11.88	920*370*500 [36.22"*14.56"*19.68"]
ME5035DD1500A120(R) -X840W037	-	6	8.95	14.40	1370*440*500 [53.93"*17.32"*19.68"]
ME5035DD2000A120(R) -X840W047	-	6	11.93	17.10	1780*560*500 [70.07"*22.04"*19.68"]

Model	Quantity (/inner box)	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
ME5035DD3000A120(R) -X840W071	-	6	17.90	22.68	2650*820*500 [104.33"*32.28"*19.68"]
ME7035DD0600A120(R) -X840W020	1	6	4.33	8.10	580*420*260 [22.83"*16.53"*10.23"]
ME7035DD0800A120(R) -X840W030	1	6	5.78	10.50	760*520*260 [29.92"*20.47"*10.23"]
ME7035DD1000A120(R) -X840W032	-	6	7.22	12.00	920*320*500 [36.22"*12.59"*19.68"]
ME7035DD1200A120(R) -X840W040	-	6	8.67	13.80	920*370*500 [36.22"*14.56"*19.68"]
ME7035DD1500A120(R) -X840W049	-	6	10.83	16.32	1370*440*500 [53.93"*17.32"*19.68"]
ME7035DD2000A120(R) -X840W066	-	6	14.44	19.80	1780*560*500 [70.07"*22.04"*19.68"]
ME7035DD3000A120(R) -X840W099	-	6	21.67	27.00	2650*820*500 [104.33"*32.28"*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/D800 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