

Infinite System Specification

— Square series



S-CS3570D

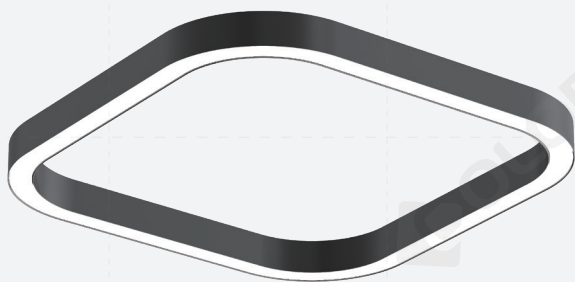
S-CS5070D

S-CS7070D

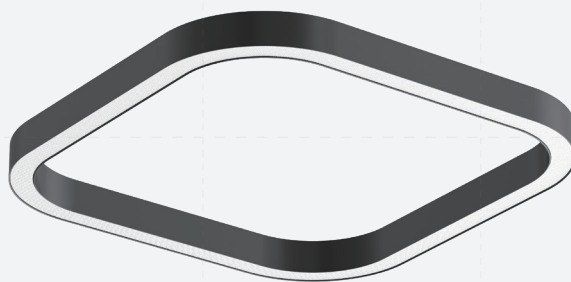
S-CS3570P

S-CS5070P

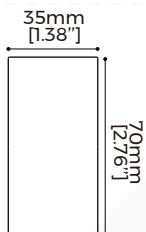
S-CS7070P



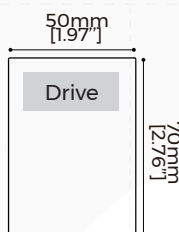
Optical: Diffuser



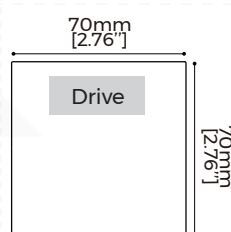
Optical: Prismatic



Model:
S-CS3570D
S-CS3570P



Model:
S-CS5070D
S-CS5070P



Model:
S-CS7070D
S-CS7070P

Basic Information

Light efficiency

S-CS3570D 100LM/W(Regular), 120LM/W(High-Efficiency)	S-CS3570P 85LM/W(Regular), 105LM/W(High-Efficiency)
S-CS5070D 100LM/W(Regular), 120LM/W(High-Efficiency)	S-CS5070P 90LM/W(Regular), 105LM/W(High-Efficiency)
S-CS7070D 110LM/W(Regular), 135LM/W(High-Efficiency)	S-CS7070P 100LM/W(Regular), 120LM/W(High-Efficiency)

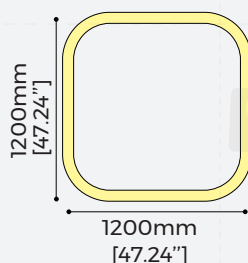
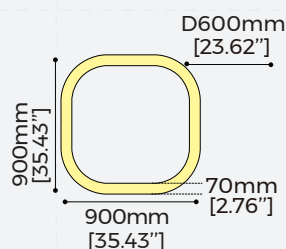
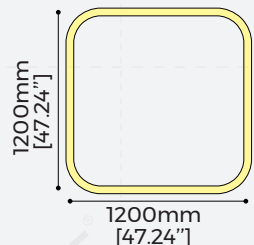
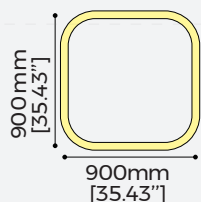
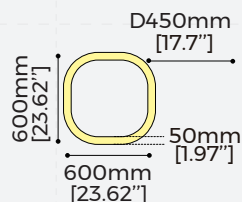
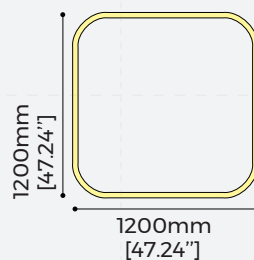
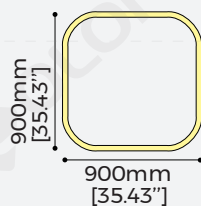
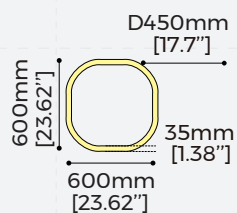
Side length

S-CS3570D/S-CS3570P/S-CS5070D/S-CS5070P 600/900/1200/1500/1800/2400mm	S-CS7070D/S-CS7070P 900/1200/1500/1800/2400mm
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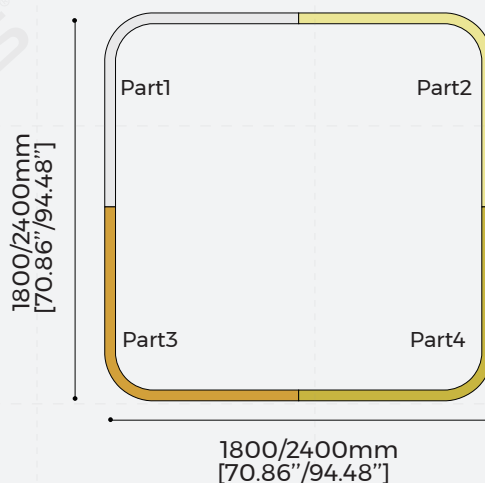
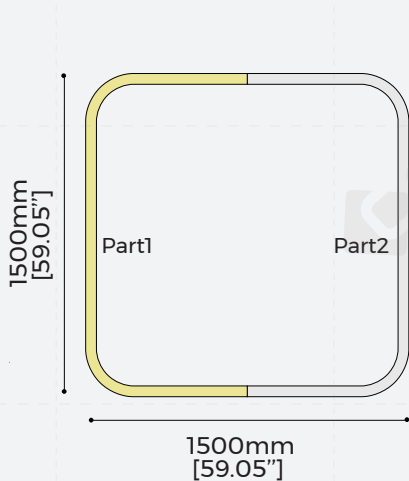
Common information

· Material:	AL6063-T5, spraying surface
· Color:	Black/White/Silver/Orange/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



Case 1: For length of sides $\leq 1.2\text{m}$, the lamp is to be produced as complete unit.



Case 2: For length of side $> 1.2\text{m}$, the lamp is to be divided into parts.

© Luminaire Parameters

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
S-CS3570D	Regular	600 [1.97ft]	36	AC200-240V	180	>80	3600	2700K 3000K 3500K 4000K 5000K 6500K
						>90	3096	
		900 [2.95ft]	60	AC200-240V	300	>80	6000	
						>90	5160	
		1200 [3.94ft]	78	AC200-240V	390	>80	7800	
						>90	6708	
		1500 [4.92ft]	108	AC200-240V	550	>80	10800	
						>90	9288	
		1800 [5.91ft]	128	AC200-240V	650	>80	12800	
						>90	11008	
		2400 [7.87ft]	156	AC200-240V	790	>80	15600	
						>90	13416	
	High-Efficiency	600 [1.97ft]	36	AC200-240V	180	>80	4320	
						>90	3715	
		900 [2.95ft]	60	AC200-240V	300	>80	7200	
						>90	6192	
		1200 [3.94ft]	78	AC200-240V	390	>80	9360	
						>90	8050	
		1500 [4.92ft]	108	AC200-240V	550	>80	12960	
						>90	11146	
		1800 [5.91ft]	128	AC200-240V	650	>80	15360	
						>90	13210	
		2400 [7.87ft]	156	AC200-240V	790	>80	18720	
						>90	16099	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
S-CS3570P	Regular	600 [1.97ft]	36	AC200-240V	180	>80	3060	2700K 3000K 3500K 4000K 5000K 6500K
						>90	2632	
		900 [2.95ft]	60	AC200-240V	300	>80	5100	
						>90	4386	
		1200 [3.94ft]	78	AC200-240V	390	>80	6630	
						>90	5702	
		1500 [4.92ft]	108	AC200-240V	550	>80	9180	
						>90	7895	
		1800 [5.91ft]	128	AC200-240V	650	>80	10880	
						>90	9357	
		2400 [7.87ft]	156	AC200-240V	790	>80	13260	
						>90	11404	
	High-Efficiency	600 [1.97ft]	36	AC200-240V	180	>80	3780	
						>90	3251	
		900 [2.95ft]	60	AC200-240V	300	>80	6300	
						>90	5418	
		1200 [3.94ft]	78	AC200-240V	390	>80	8190	
						>90	7043	
		1500 [4.92ft]	108	AC200-240V	550	>80	11340	
						>90	9752	
		1800 [5.91ft]	128	AC200-240V	650	>80	13440	
						>90	11558	
		2400 [7.87ft]	156	AC200-240V	790	>80	16380	
						>90	14087	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
S-CS5070D	Regular	600 [1.97ft]	44	AC200-240V	220	>80	4400	2700K 3000K 3500K 4000K 5000K 6500K
						>90	3784	
		900 [2.95ft]	75	AC200-240V	380	>80	7500	
						>90	6450	
		1200 [3.94ft]	104	AC200-240V	530	>80	10400	
						>90	8944	
		1500 [4.92ft]	135	AC200-240V	680	>80	13500	
						>90	11610	
		1800 [5.91ft]	156	AC200-240V	790	>80	15600	
						>90	13416	
		2400 [7.87ft]	224	AC200-240V	1130	>80	22400	
						>90	19264	
	High-Efficiency	600 [1.97ft]	44	AC200-240V	220	>80	5280	
						>90	4541	
		900 [2.95ft]	75	AC200-240V	380	>80	9000	
						>90	7740	
		1200 [3.94ft]	104	AC200-240V	530	>80	12480	
						>90	10733	
		1500 [4.92ft]	135	AC200-240V	680	>80	16200	
						>90	13932	
		1800 [5.91ft]	156	AC200-240V	790	>80	18720	
						>90	16099	
		2400 [7.87ft]	224	AC200-240V	1130	>80	26880	
						>90	23117	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
S-CS5070P	Regular	600 [1.97ft]	44	AC200-240V	220	>80	3960	2700K 3000K 3500K 4000K 5000K 6500K
						>90	3406	
		900 [2.95ft]	75	AC200-240V	380	>80	6750	
						>90	5805	
		1200 [3.94ft]	104	AC200-240V	530	>80	9360	
						>90	8050	
		1500 [4.92ft]	135	AC200-240V	680	>80	12150	
						>90	10449	
		1800 [5.91ft]	156	AC200-240V	790	>80	14040	
						>90	12074	
		2400 [7.87ft]	224	AC200-240V	1130	>80	20160	
						>90	17338	
	High-Efficiency	600 [1.97ft]	44	AC200-240V	220	>80	4620	
						>90	3973	
		900 [2.95ft]	75	AC200-240V	380	>80	7875	
						>90	6773	
		1200 [3.94ft]	104	AC200-240V	530	>80	10920	
						>90	9391	
		1500 [4.92ft]	135	AC200-240V	680	>80	14175	
						>90	12191	
		1800 [5.91ft]	156	AC200-240V	790	>80	16380	
						>90	14087	
		2400 [7.87ft]	224	AC200-240V	1130	>80	23520	
						>90	20227	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
S-CS7070D	Regular	900 [2.95ft]	96	AC200-240V	480	>80	10560	2700K 3000K 3500K 4000K 5000K 6500K
						>90	9082	
		1200 [3.94ft]	136	AC200-240V	690	>80	14960	
						>90	12866	
		1500 [4.92ft]	156	AC200-240V	790	>80	17160	
						>90	14758	
		1800 [5.91ft]	216	AC200-240V	1090	>80	23760	
						>90	20434	
		2400 [7.87ft]	300	AC200-240V	1520	>80	33000	
						>90	28380	
	High-Efficiency	900 [2.95ft]	96	AC200-240V	480	>80	12960	
						>90	11146	
		1200 [3.94ft]	136	AC200-240V	690	>80	18360	
						>90	15790	
		1500 [4.92ft]	156	AC200-240V	790	>80	21060	
						>90	18112	
		1800 [5.91ft]	216	AC200-240V	1090	>80	29160	
						>90	25078	
		2400 [7.87ft]	300	AC200-240V	1520	>80	40500	
						>90	34830	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
S-CS7070P	Regular	900 [2.95ft]	96	AC200-240V	480	>80	9600	2700K 3000K 3500K 4000K 5000K 6500K
						>90	8256	
		1200 [3.94ft]	136	AC200-240V	690	>80	13600	
						>90	11696	
		1500 [4.92ft]	156	AC200-240V	790	>80	15600	
						>90	13416	
		1800 [5.91ft]	216	AC200-240V	1090	>80	21600	
						>90	18576	
		2400 [7.87ft]	300	AC200-240V	1520	>80	30000	
						>90	25800	
	High-Efficiency	900 [2.95ft]	96	AC200-240V	480	>80	11520	
						>90	9907	
		1200 [3.94ft]	136	AC200-240V	690	>80	16320	
						>90	14035	
		1500 [4.92ft]	156	AC200-240V	790	>80	18720	
						>90	16099	
		1800 [5.91ft]	216	AC200-240V	1090	>80	25920	
						>90	22291	
		2400 [7.87ft]	300	AC200-240V	1520	>80	36000	
						>90	30960	

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 output data is typical value.
6. 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%	

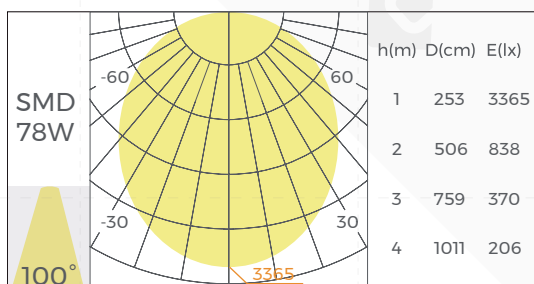
Note: All other lumens are to be based on white coated luminaire with 4000K,RA80(100%);and multiplied by the percentage in the table above.

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

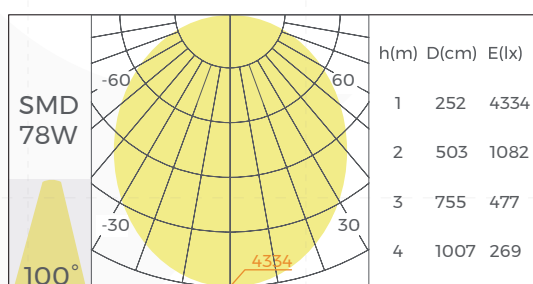
Example 1: If you need 4000K,RA90 lumens (white coated luminaire)	$1000 \times 86\% = 860\text{lm}$
Example 2: If you need 4000K,RA90 lumens (other coated colors of luminaire)	$1000 \times 86\% \times 90\% = 774\text{lm}$
Example 3: If you need 3000K,RA80 lumens (white coated luminaire)	$1000 \times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

© Optical Parameter

[S-CS3570D]



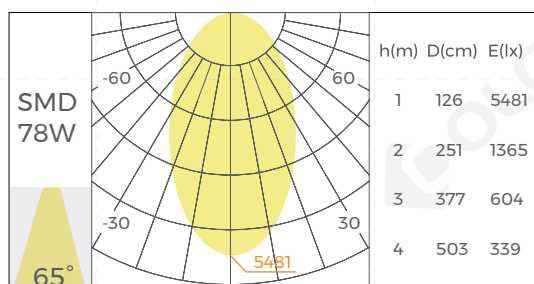
Regular version



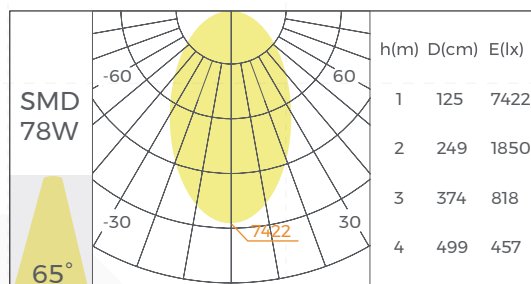
High-efficiency version

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

[S-CS3570P]



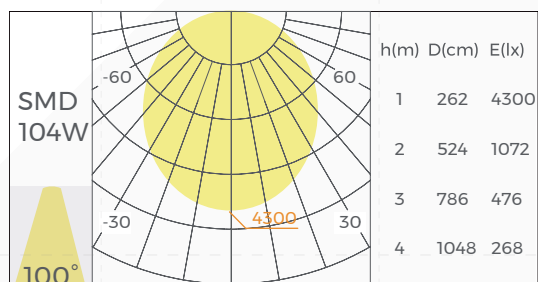
Regular version



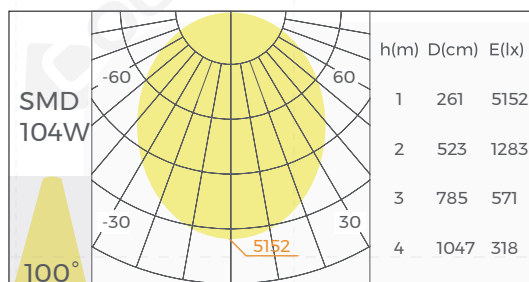
High-efficiency version

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

[S-CS5070D]



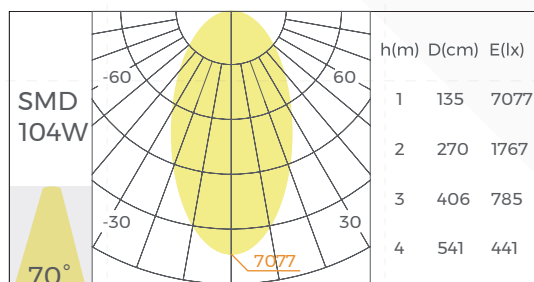
Regular version



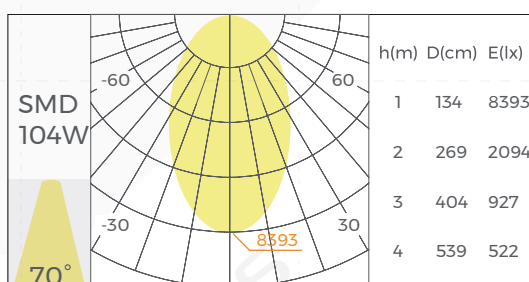
High-efficiency version

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

[S-CS5070P]



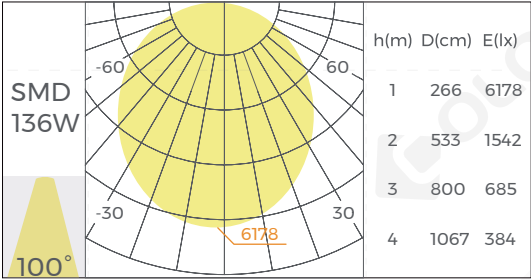
Regular version



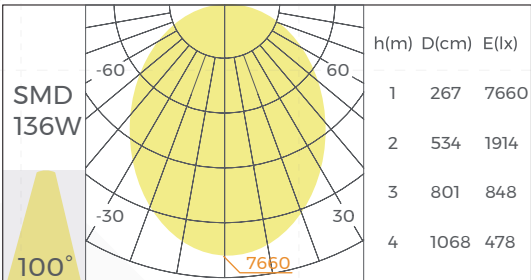
High-efficiency version

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

[S-CS7070D]



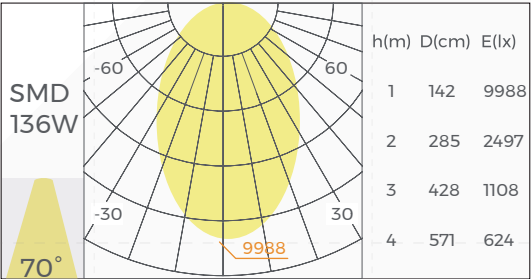
Regular version



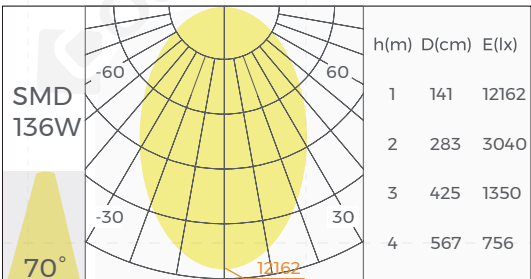
High-efficiency version

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

[S-CS7070P]



Regular version



High-efficiency version

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

© Installation

External power supply/Built-in power supply



Ceiling

External power supply

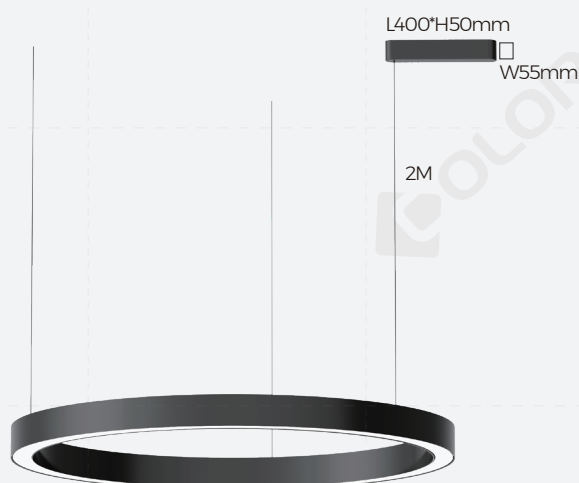
For Model:
S-CS3570D
S-CS3570P



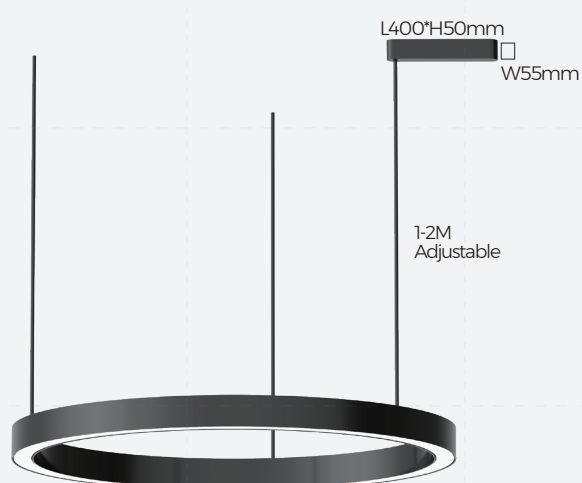
Ceiling plate
(With Steel Wire Rope)



Ceiling plate
(With Rod)



Linear Power Box
(With Steel Wire Rope)



Linear Power Box
(With Rod)

Built-in power supply

For Model:
S-CS5070D
S-CS5070P
S-CS7070D
S-CS7070P



Junction Box
(With Steel Wire Rope)



Junction Box
(With Rod)

Note:

1. The above illustration shows the installation method.
2. The above luminaire shapes are for installation illustration only.

◎Packing

Model	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
S-CS3570D0600(R)-N840W036	4	10.56	12.96	670*670*520 [26.37"*26.37"*20.47"]
S-CS3570D0900(R)-N840W060	4	15.84	19.04	970*970*520 [38.18"*38.18"*20.47"]
S-CS3570D1200(R)-N840W078	4	21.12	25.12	1270*1270*520 [50"*50"*20.47"]
S-CS3570D1500(R)-N840W108	2	13.20	15.60	820*820*460 [32.28"*32.28"*18.11"]
S-CS3570D1800(R)-N840W128	2	15.84	18.64	970*970*460 [38.18"*38.18"*18.11"]
S-CS3570D2400(R)-N840W156	2	21.12	24.32	1270*1270*460 [50"*50"*18.11"]
S-CS5070D0600(R)-N840W044	4	13.44	15.84	670*670*520 [26.37"*26.37"*20.47"]
S-CS5070D0900(R)-N840W075	4	20.16	23.36	970*970*520 [38.18"*38.18"*20.47"]
S-CS5070D1200(R)-N840W104	4	26.88	30.88	1270*1270*520 [50"*50"*20.47"]
S-CS5070D1500(R)-N840W135	2	16.80	19.20	820*820*460 [32.28"*32.28"*18.11"]
S-CS5070D1800(R)-N840W156	2	20.16	22.96	970*970*460 [38.18"*38.18"*18.11"]
S-CS5070D2400(R)-N840W224	2	26.88	30.08	1270*1270*460 [50"*50"*18.11"]
S-CS7070D0900(R)-N840W096	4	23.04	26.24	970*970*520 [38.18"*38.18"*20.47"]
S-CS7070D1200(R)-N840W136	4	30.72	33.92	1270*1270*520 [50"*50"*20.47"]

Model	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
S-CS7070D1500(R)-N840W156	2	19.20	21.20	820*820*460 [32.28"*32.28"*18.11"]
S-CS7070D1800(R)-N840W216	2	23.04	25.84	970*970*460 [38.18"*38.18"*18.11"]
S-CS7070D2400(R)-N840W300	2	30.72	33.92	1270*1270*460 [50"*50"*18.11"]

Note:

1. Lamps packaged without inner box, directly use the outer box.
2. Use one outer box for each lamp, 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

S	-	C	S	3570	D	1200	(R)	-	N	8	40	B	-	078
														
Series A: Arc series C: Circle series S: Square series W: Wave series T: Triangle series H: Hexagon series D: Diamond series		Type R: Right angle C: Curve angle	Installation E: Recessed S: ceiling/Pendant	Size 3570: 35mm: Luminous surface width 70mm: Lamp height	Optical Type D: Diffuser P: Prismatic	Length 1200: 1200mm	Version (R): Regular (H): High-efficiency		Dimming Method 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 078: 78W

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