

Infinite System Specification

— Square series



S-CS3570D

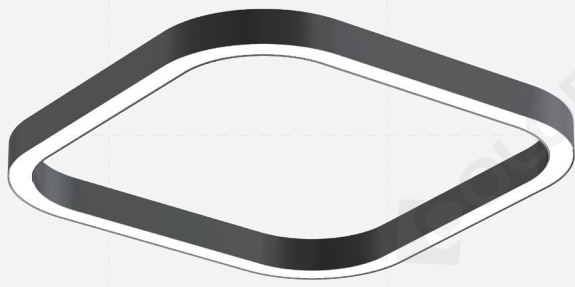
S-CS5070D

S-CS7070D

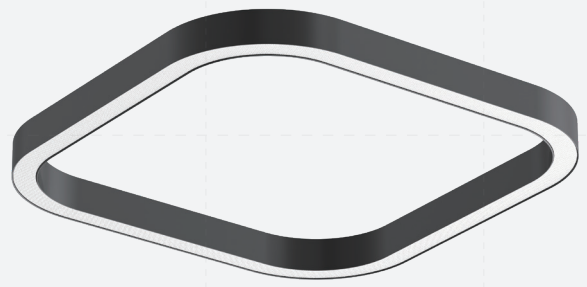
S-CS3570P

S-CS5070P

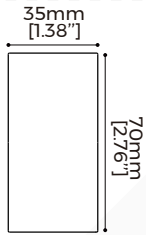
S-CS7070P



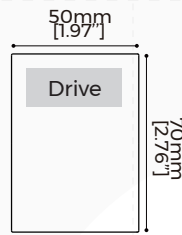
Optical: Diffuser



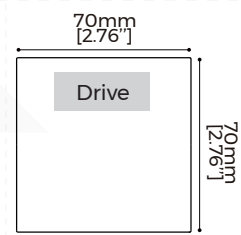
Optical: Prismatic



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)

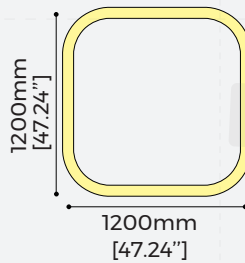
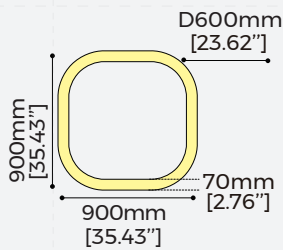
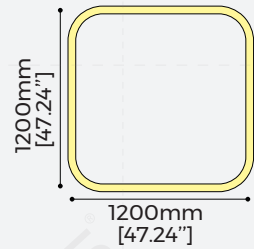
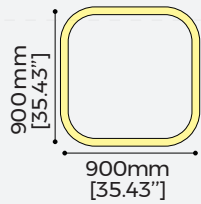
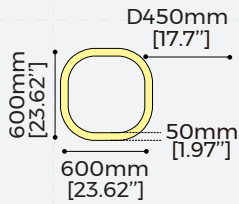
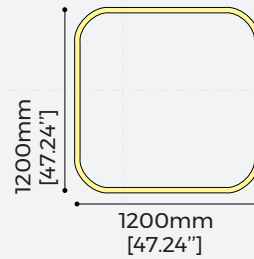
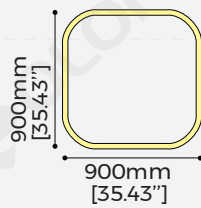
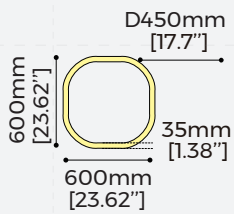
Side length

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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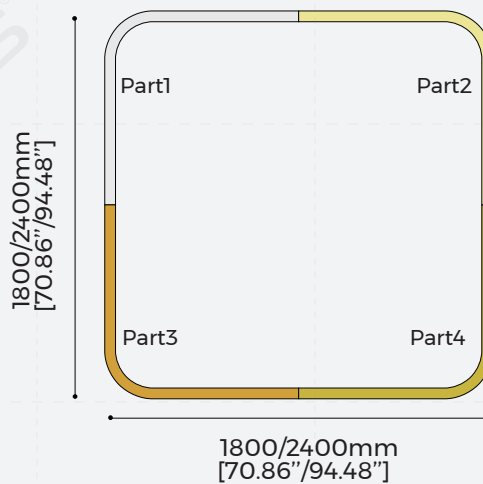
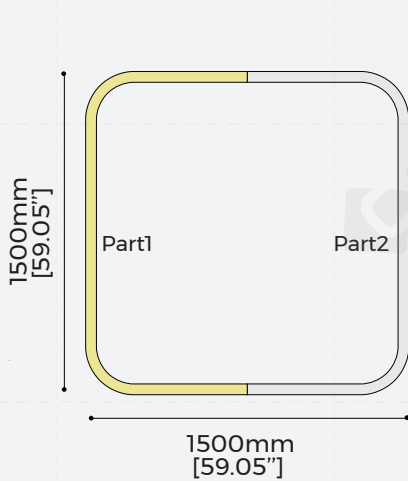
Common information

· 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%	

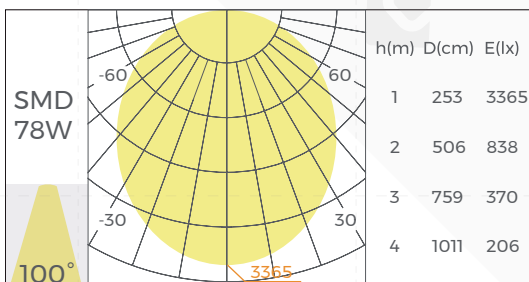
Note: All other lumens are to be based on white coated luminaire with 4000K, RA80(100%); and multiplied by the percentage in the table above.

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

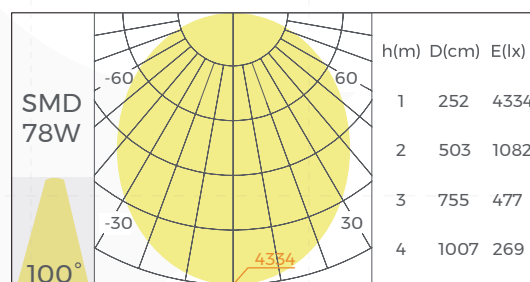
Example 1: If you need 4000K, RA90 lumens (white coated luminaire)	$1000 * 86\% = 860\text{lm}$
Example 2: If you need 4000K, RA90 lumens (other coated colors of luminaire)	$1000 * 86\% * 90\% = 774\text{lm}$
Example 3: If you need 3000K, RA80 lumens (white coated luminaire)	$1000 * 93\% = 930\text{lm}$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

© Optical Parameter

[S-CS3570D]



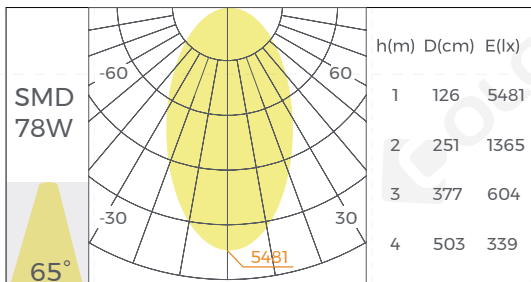
Regular version



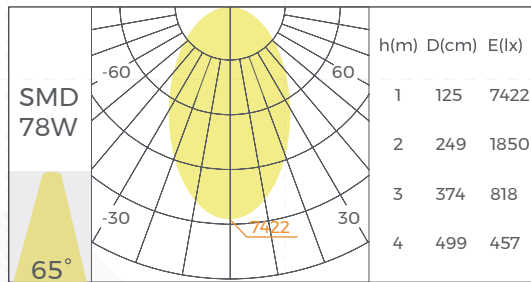
High-efficiency version

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

[S-CS3570P]



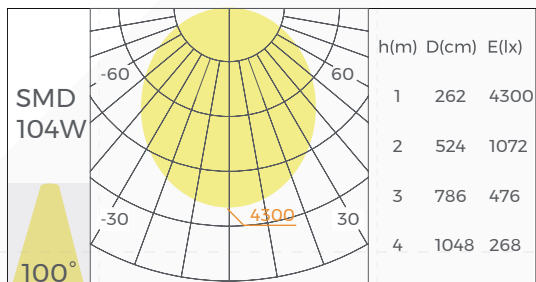
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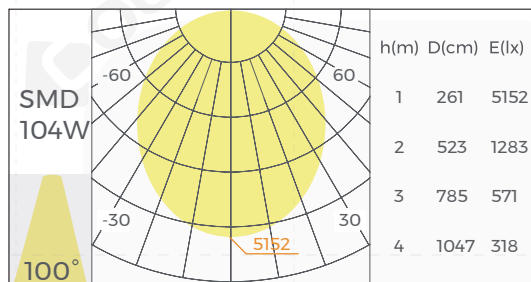
High-efficiency version

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

[S-CS5070D]



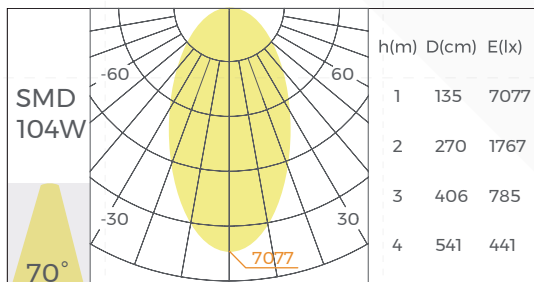
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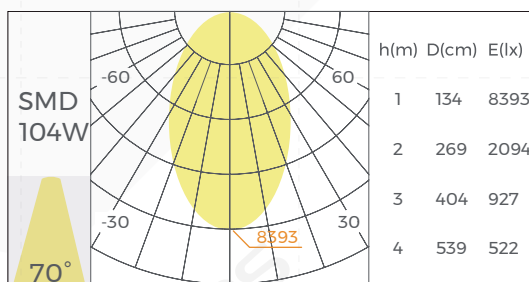
High-efficiency version

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

[S-CS5070P]



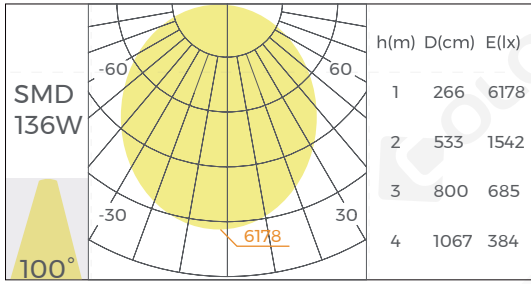
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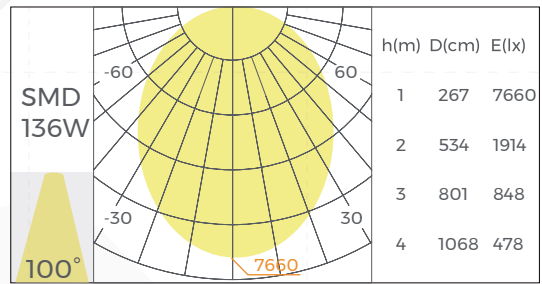
High-efficiency version

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

[S-CS7070D]



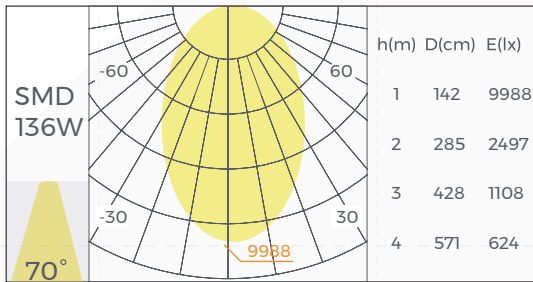
Regular version



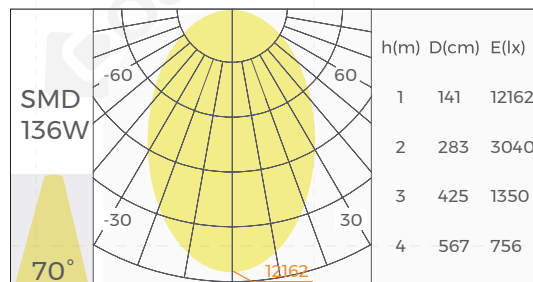
High-efficiency version

*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

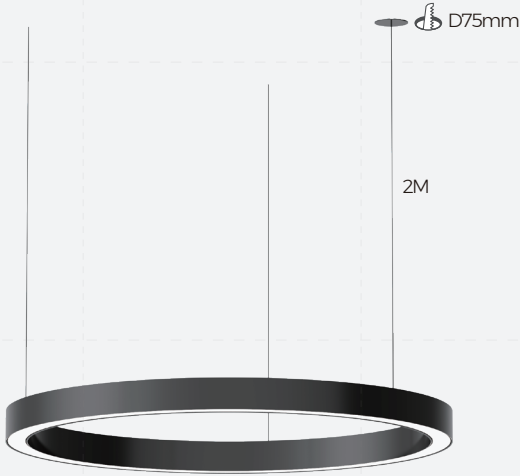
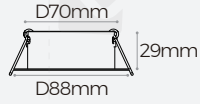
External power supply/Built-in power supply



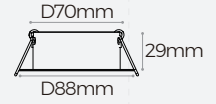
Ceiling

External power supply

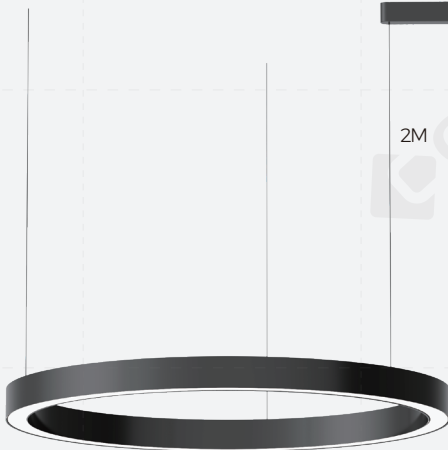
For Model:
S-CS3570D
S-CS3570P



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

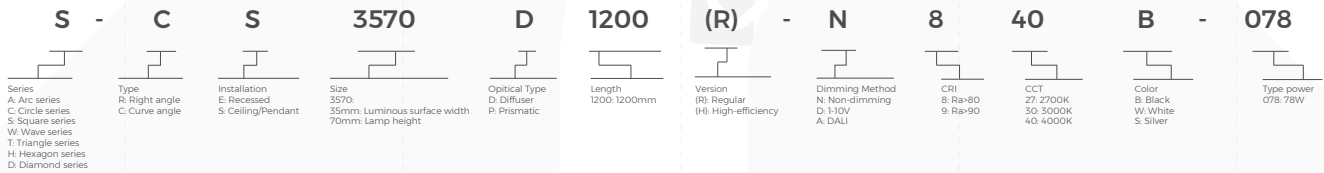
Model	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
S-CS3570D0600(R)-N840W036	4	10.56	12.96	670*670*520 [26.37**26.37**20.47"]
S-CS3570D0900(R)-N840W060	4	15.84	19.04	970*970*520 [38.18**38.18**20.47"]
S-CS3570D1200(R)-N840W078	4	21.12	25.12	1270*1270*520 [50**50**20.47"]
S-CS3570D1500(R)-N840W108	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:

- Lamps packaged without inner box, directly use the outer box.
- 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.
- 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

- Non-professionals are prohibited from installing, disassembling and repairing the product.
- Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
- Please use professional cutting tools when cutting
- Do not use any acid or alkaline adhesive to fix products
- The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.
- PC features: Each 10°C rise or drop will make diffuser extend or shrink 0.8mm/m, please confirm before processing and use