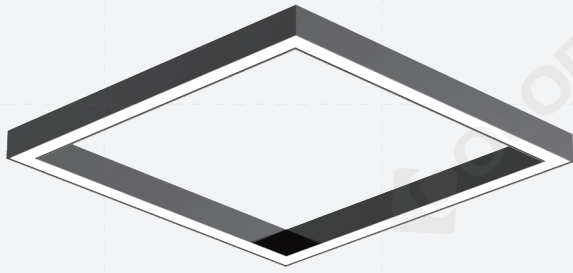


Infinite System Specification

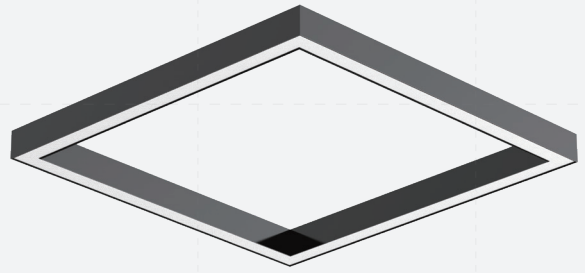
— Square series



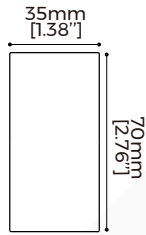
S-RS3570D
S-RS5070D
S-RS7070D
S-RS3570P
S-RS5070P
S-RS7070P



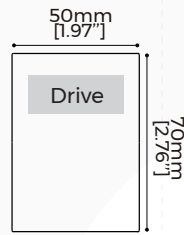
Optical: Diffuser



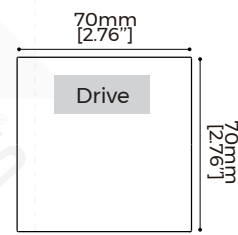
Optical: Prismatic



Model:
S-RS3570D
S-RS3570P



Model:
S-RS5070D
S-RS5070P



Model:
S-RS7070D
S-RS7070P

© Basic Information

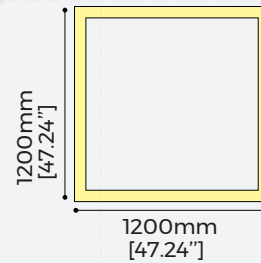
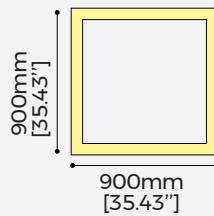
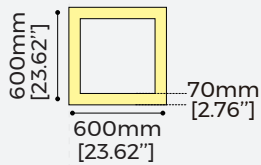
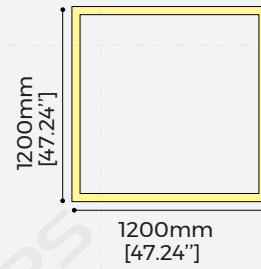
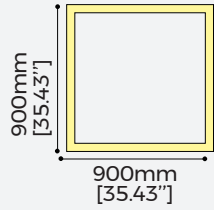
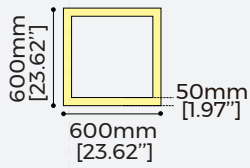
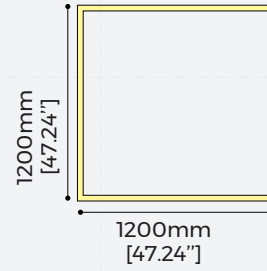
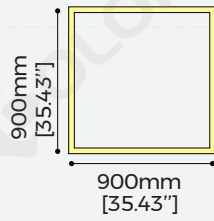
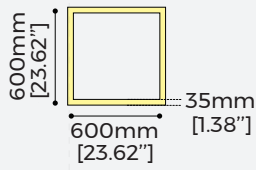
Light efficiency

S-RS3570D 100LM/W(Regular), 120LM/W(High-Efficiency)	S-RS3570P 85LM/W(Regular), 105LM/W(High-Efficiency)
S-RS5070D 100LM/W(Regular), 120LM/W(High-Efficiency)	S-RS5070P 90LM/W(Regular), 105LM/W(High-Efficiency)
S-RS7070D 110LM/W(Regular), 135LM/W(High-Efficiency)	S-RS7070P 100LM/W(Regular), 120LM/W(High-Efficiency)

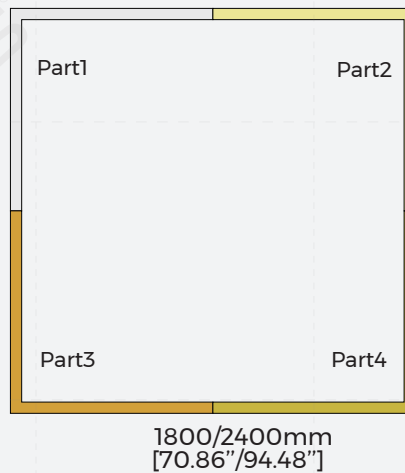
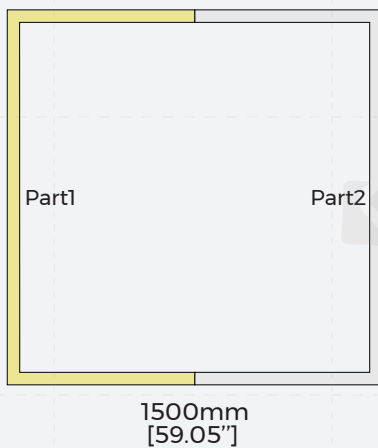
Common information

· Material:	AL6063-T5, spraying surface
· Color:	Black/White/Silver/Orange/Blue/Green /Rose gold/Champagne gold
· Side length:	600/900/1200/1500/1800/2400mm
· 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-RS3570D	Regular	600 [1.97ft]	48	AC200-240V	240	>80	4800	2700K 3000K 3500K 4000K 5000K 6500K
						>90	4128	
		900 [2.95ft]	70	AC200-240V	350	>80	7000	
						>90	6020	
		1200 [3.94ft]	96	AC200-240V	480	>80	9600	
						>90	8256	
		1500 [4.92ft]	118	AC200-240V	600	>80	11800	
						>90	10148	
		1800 [5.91ft]	140	AC200-240V	710	>80	14000	
						>90	12040	
		2400 [7.87ft]	188	AC200-240V	950	>80	18800	
						>90	16168	
	High-Efficiency	600 [1.97ft]	48	AC200-240V	240	>80	5760	
						>90	4954	
		900 [2.95ft]	70	AC200-240V	350	>80	8400	
						>90	7224	
		1200 [3.94ft]	96	AC200-240V	480	>80	11520	
						>90	9907	
		1500 [4.92ft]	118	AC200-240V	600	>80	14160	
						>90	12178	
		1800 [5.91ft]	140	AC200-240V	710	>80	16800	
						>90	14448	
		2400 [7.87ft]	188	AC200-240V	950	>80	22560	
						>90	19402	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
S-RS3570P	Regular	600 [1.97ft]	48	AC200-240V	240	>80	4080	2700K 3000K 3500K 4000K 5000K 6500K
						>90	3509	
		900 [2.95ft]	70	AC200-240V	350	>80	5950	
						>90	5117	
		1200 [3.94ft]	96	AC200-240V	480	>80	8160	
						>90	7018	
		1500 [4.92ft]	118	AC200-240V	600	>80	10030	
						>90	8626	
		1800 [5.91ft]	140	AC200-240V	710	>80	11900	
						>90	10234	
		2400 [7.87ft]	188	AC200-240V	950	>80	15980	
						>90	13743	
	High-Efficiency	600 [1.97ft]	48	AC200-240V	240	>80	5040	
						>90	4334	
		900 [2.95ft]	70	AC200-240V	350	>80	7350	
						>90	6321	
		1200 [3.94ft]	96	AC200-240V	480	>80	10080	
						>90	8669	
		1500 [4.92ft]	118	AC200-240V	600	>80	12390	
						>90	10655	
		1800 [5.91ft]	140	AC200-240V	710	>80	14700	
						>90	12642	
		2400 [7.87ft]	188	AC200-240V	950	>80	19740	
						>90	16976	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
S-RS5070D	Regular	600 [1.97ft]	58	AC200-240V	290	>80	5800	2700K 3000K 3500K 4000K 5000K 6500K
						>90	4988	
		900 [2.95ft]	90	AC200-240V	450	>80	9000	
						>90	7740	
		1200 [3.94ft]	116	AC200-240V	590	>80	11600	
						>90	9976	
		1500 [4.92ft]	148	AC200-240V	750	>80	14800	
						>90	12728	
		1800 [5.91ft]	180	AC200-240V	910	>80	18000	
						>90	15480	
		2400 [7.87ft]	235	AC200-240V	1190	>80	23500	
						>90	20210	
	High-Efficiency	600 [1.97ft]	58	AC200-240V	290	>80	6960	
						>90	5986	
		900 [2.95ft]	90	AC200-240V	450	>80	10800	
						>90	9288	
		1200 [3.94ft]	116	AC200-240V	590	>80	13920	
						>90	11971	
		1500 [4.92ft]	148	AC200-240V	750	>80	17760	
						>90	15274	
		1800 [5.91ft]	180	AC200-240V	910	>80	21600	
						>90	18576	
		2400 [7.87ft]	235	AC200-240V	1190	>80	28200	
						>90	24252	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
S-RS5070P	Regular	600 [1.97ft]	58	AC200-240V	290	>80	5220	2700K 3000K 3500K 4000K 5000K 6500K
						>90	4489	
		900 [2.95ft]	90	AC200-240V	450	>80	8100	
						>90	6966	
		1200 [3.94ft]	116	AC200-240V	590	>80	10440	
						>90	8978	
		1500 [4.92ft]	148	AC200-240V	750	>80	13320	
						>90	11455	
		1800 [5.91ft]	180	AC200-240V	910	>80	16200	
						>90	13932	
		2400 [7.87ft]	235	AC200-240V	1190	>80	21150	
						>90	18189	
	High-Efficiency	600 [1.97ft]	58	AC200-240V	290	>80	6090	
						>90	5237	
		900 [2.95ft]	90	AC200-240V	450	>80	9450	
						>90	8127	
		1200 [3.94ft]	116	AC200-240V	590	>80	12180	
						>90	10475	
		1500 [4.92ft]	148	AC200-240V	750	>80	15540	
						>90	13364	
		1800 [5.91ft]	180	AC200-240V	910	>80	18900	
						>90	16254	
		2400 [7.87ft]	235	AC200-240V	1190	>80	24675	
						>90	21221	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
S-RS7070D	Regular	600 [1.97ft]	78	AC200-240V	390	>80	8580	2700K 3000K 3500K 4000K 5000K 6500K
						>90	7379	
		900 [2.95ft]	116	AC200-240V	590	>80	12760	
						>90	10974	
		1200 [3.94ft]	156	AC200-240V	790	>80	17160	
						>90	14758	
		1500 [4.92ft]	200	AC200-240V	1010	>80	22000	
						>90	18920	
		1800 [5.91ft]	235	AC200-240V	1190	>80	25850	
						>90	22231	
		2400 [7.87ft]	310	AC200-240V	1570	>80	34100	
						>90	29326	
	High-Efficiency	600 [1.97ft]	78	AC200-240V	390	>80	10530	
						>90	9056	
		900 [2.95ft]	116	AC200-240V	590	>80	15660	
						>90	13468	
		1200 [3.94ft]	156	AC200-240V	790	>80	21060	
						>90	18112	
		1500 [4.92ft]	200	AC200-240V	1010	>80	27000	
						>90	23220	
		1800 [5.91ft]	235	AC200-240V	1190	>80	31725	
						>90	27284	
		2400 [7.87ft]	310	AC200-240V	1570	>80	41850	
						>90	35991	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
S-RS7070P	Regular	600 [1.97ft]	78	AC200-240V	390	>80	7800	2700K 3000K 3500K 4000K 5000K 6500K
						>90	6708	
		900 [2.95ft]	116	AC200-240V	590	>80	11600	
						>90	9976	
		1200 [3.94ft]	156	AC200-240V	790	>80	15600	
						>90	13416	
		1500 [4.92ft]	200	AC200-240V	1010	>80	20000	
						>90	17200	
		1800 [5.91ft]	235	AC200-240V	1190	>80	23500	
						>90	20210	
		2400 [7.87ft]	310	AC200-240V	1570	>80	31000	
						>90	26660	
	High-Efficiency	600 [1.97ft]	78	AC200-240V	390	>80	9360	
						>90	8050	
		900 [2.95ft]	116	AC200-240V	590	>80	13920	
						>90	11971	
		1200 [3.94ft]	156	AC200-240V	790	>80	18720	
						>90	16099	
		1500 [4.92ft]	200	AC200-240V	1010	>80	24000	
						>90	20640	
		1800 [5.91ft]	235	AC200-240V	1190	>80	28200	
						>90	24252	
		2400 [7.87ft]	310	AC200-240V	1570	>80	37200	
						>90	31992	

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%	

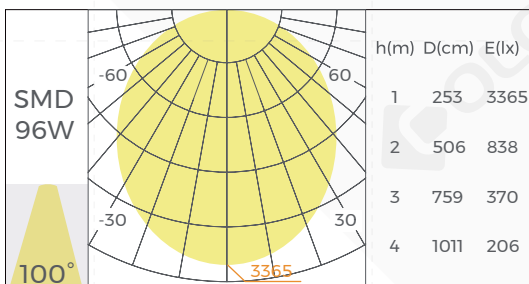
Note: All other lumens are to be based on white coated luminaire with 4000K,RA80(100%),and multiplied by the percentage in the table above.

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

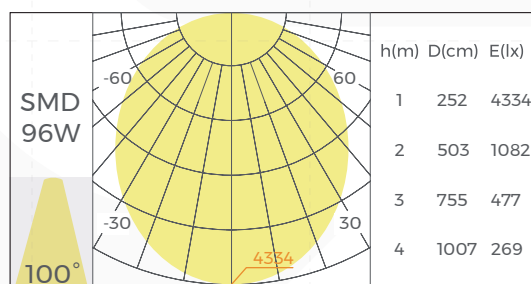
Example 1: If you need 4000K,RA90 lumens (white coated luminaire)	$1000 \times 86\% = 860\text{lm}$
Example 2: If you need 4000K,RA90 lumens (other coated colors of luminaire)	$1000 \times 86\% \times 90\% = 774\text{lm}$
Example 3: If you need 3000K,RA80 lumens (white coated luminaire)	$1000 \times 93\% = 930\text{lm}$
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-RS3570D]



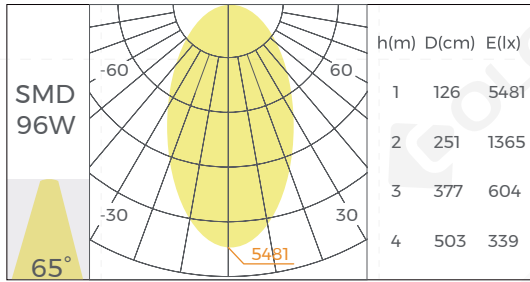
Regular version



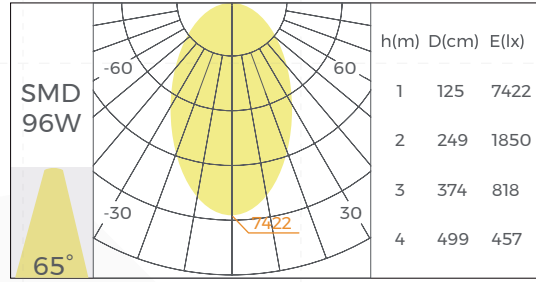
High-efficiency version

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

[S-RS3570P]



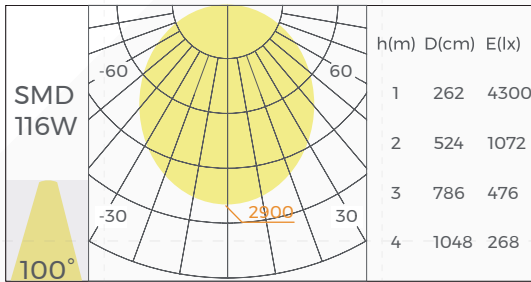
Regular version



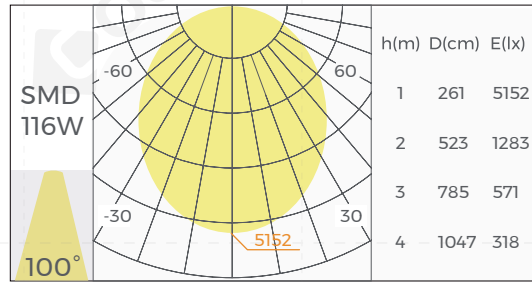
High-efficiency version

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

[S-RS5070D]



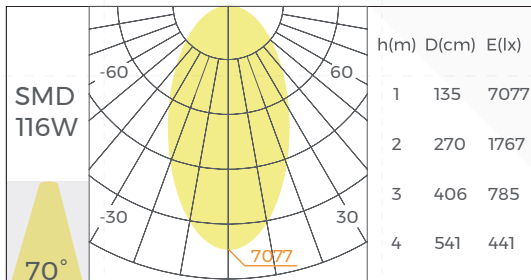
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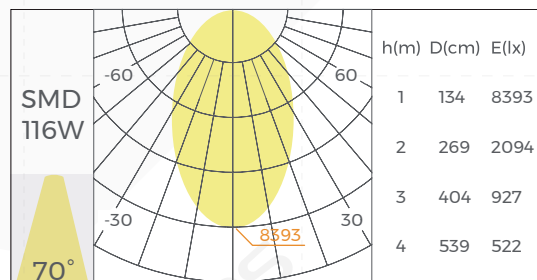
High-efficiency version

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

[S-RS5070P]



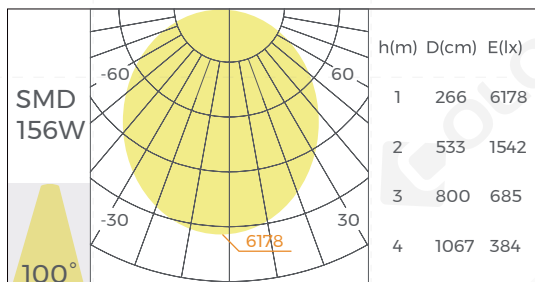
Regular version



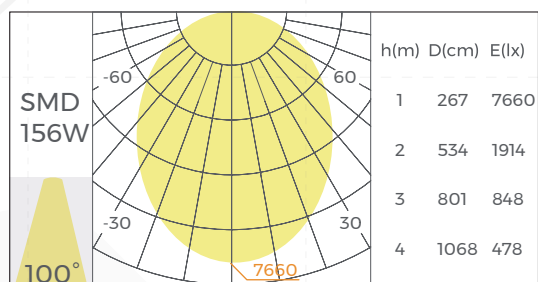
High-efficiency version

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

【S-RS7070D】



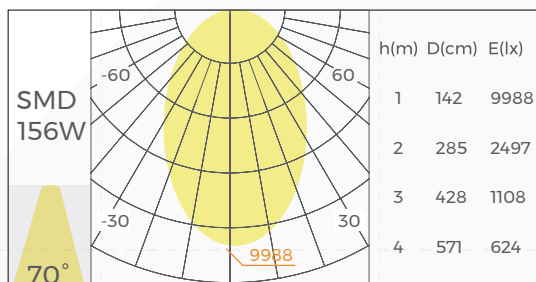
Regular version



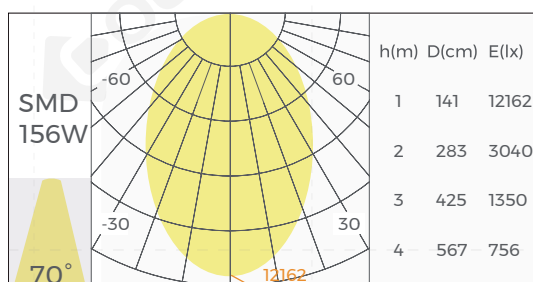
High-efficiency version

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

【S-RS7070P】



Regular version



High-efficiency version

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

◎ Installation

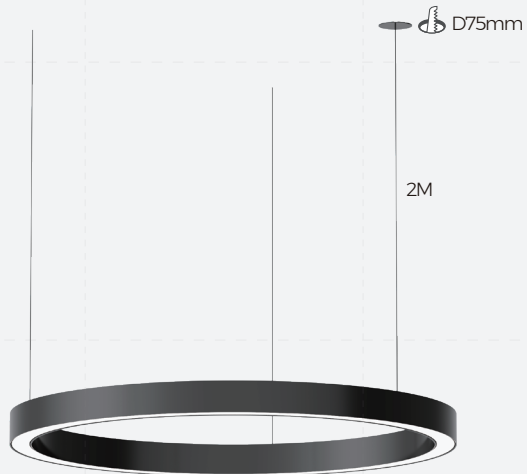
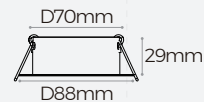
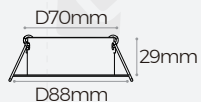
External power supply/Built-in power supply



Ceiling

External power supply

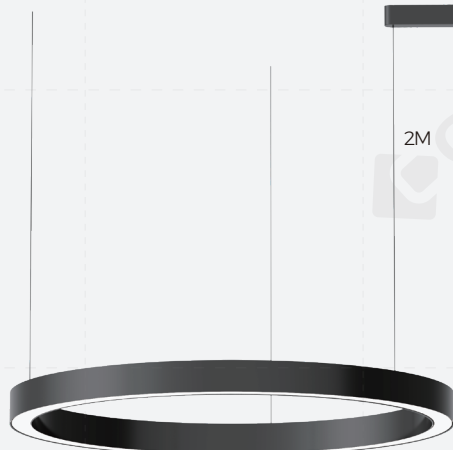
For Model:
S-RS3570D
S-RS3570P



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-RS5070D
S-RS5070P
S-RS7070D
S-RS7070P



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

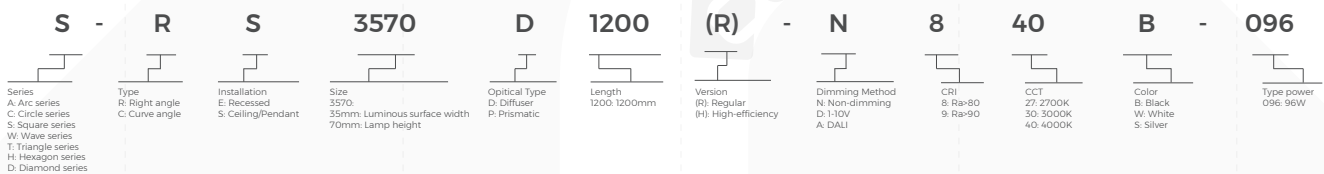
Model	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
S-RS3570D0600(R)-N840W048	4	10.56	12.96	670*670*520 [26.37"*26.37"*20.47"]
S-RS3570D0900(R)-N840W070	4	15.84	19.04	970*970*520 [38.18"*38.18"*20.47"]
S-RS3570D1200(R)-N840W096	4	21.12	25.12	1270*1270*520 [50"*50"*20.47"]
S-RS3570D1500(R)-N840W118	2	13.20	15.60	820*820*460 [32.28"*32.28"*18.11"]
S-RS3570D1800(R)-N840W140	2	15.84	18.64	970*970*460 [38.18"*38.18"*18.11"]
S-RS3570D2400(R)-N840W188	2	21.12	24.32	1270*1270*460 [50"*50"*18.11"]
S-RS5070D0600(R)-N840W058	4	13.44	15.84	670*670*520 [26.37"*26.37"*20.47"]
S-RS5070D0900(R)-N840W090	4	20.16	23.36	970*970*520 [38.18"*38.18"*20.47"]
S-RS5070D1200(R)-N840W116	4	26.88	30.88	1270*1270*520 [50"*50"*20.47"]
S-RS5070D1500(R)-N840W148	2	16.80	19.20	820*820*460 [32.28"*32.28"*18.11"]
S-RS5070D1800(R)-N840W180	2	20.16	22.96	970*970*460 [38.18"*38.18"*18.11"]
S-RS5070D2400(R)-N840W235	2	26.88	30.08	1270*1270*460 [50"*50"*18.11"]
S-RS7070D0600(R)-N840W078	4	15.36	17.76	670*670*520 [26.37"*26.37"*20.47"]
S-RS7070D0900(R)-N840W116	4	23.04	26.24	970*970*520 [38.18"*38.18"*20.47"]
S-RS7070D1200(R)-N840W156	4	30.72	34.72	1270*1270*520 [50"*50"*20.47"]

Model	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
S-RS7070D1500(R)-N840W200	2	19.20	21.60	820*820*460 [32.28"*32.28"*18.11"]
S-RS7070D1800(R)-N840W235	2	23.04	25.84	970*970*460 [38.18"*38.18"*18.11"]
S-RS7070D2400(R)-N840W310	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