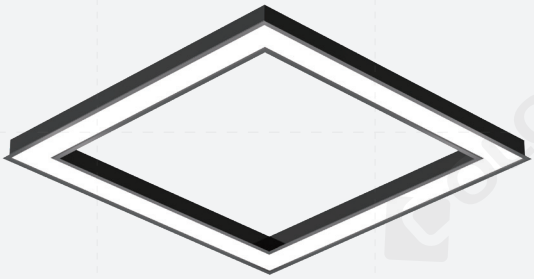
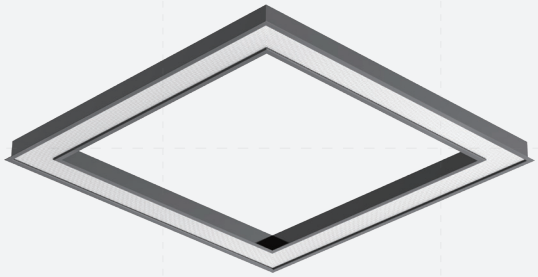
Infinite System Specification

— Square series

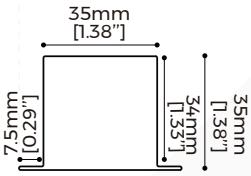
S-RE3535D
S-RE5035D
S-RE7035D
S-RE3535P
S-RE5035P
S-RE7035P



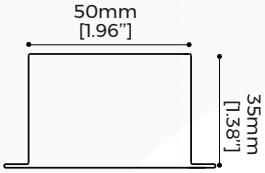
Optical: Diffuser



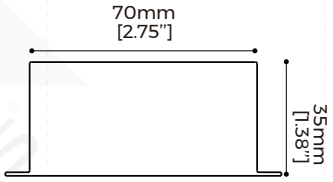
Optical: Prismatic



Model:
S-RE3535D
S-RE3535P



Model:
S-RE5035D
S-RE5035P



Model:
S-RE7035D
S-RE7035P

◎ Basic Information

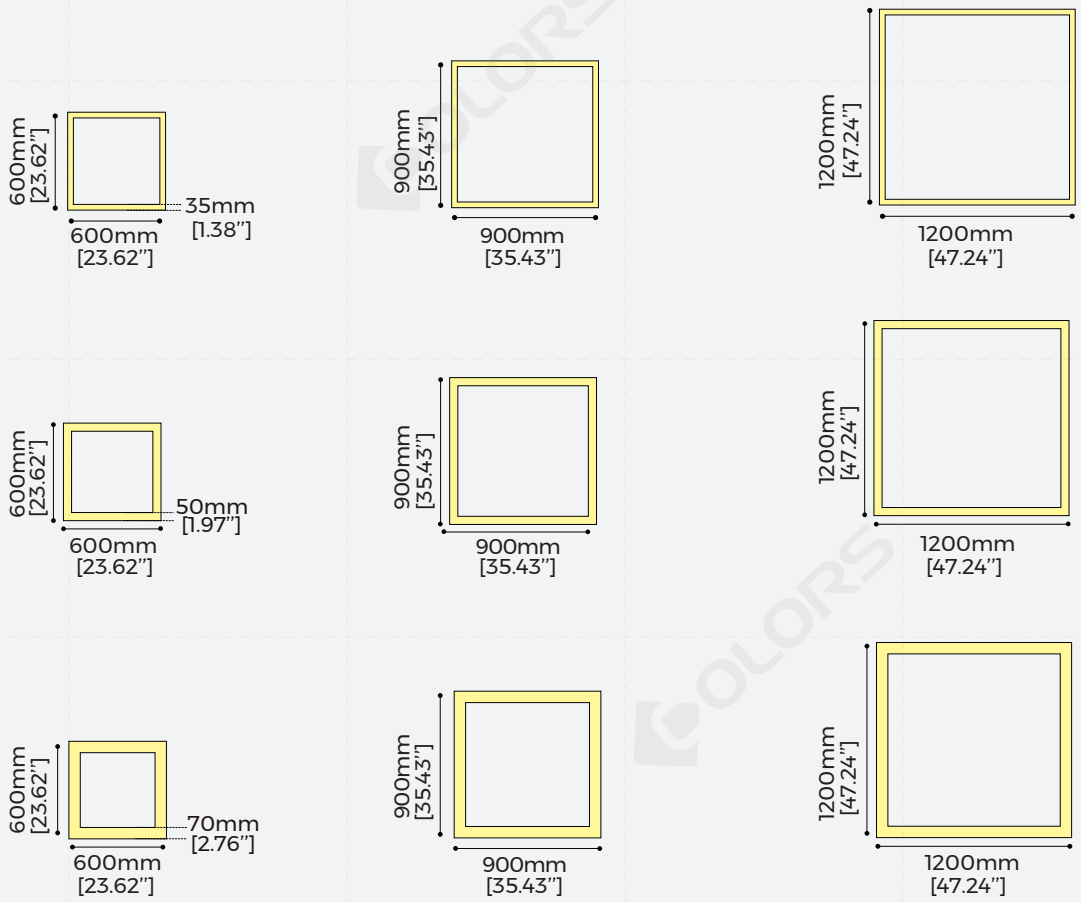
Light efficiency

S-RE3535D 100LM/W(Regular), 120LM/W(High-Efficiency)	**S-RE3535P** 85LM/W(Regular), 105LM/W(High-Efficiency)
S-RE5035D 100LM/W(Regular), 120LM/W(High-Efficiency)	**S-RE5035P** 90LM/W(Regular), 105LM/W(High-Efficiency)
S-RE7035D 110LM/W(Regular), 135LM/W(High-Efficiency)	**S-RE7035P** 100LM/W(Regular), 120LM/W(High-Efficiency)

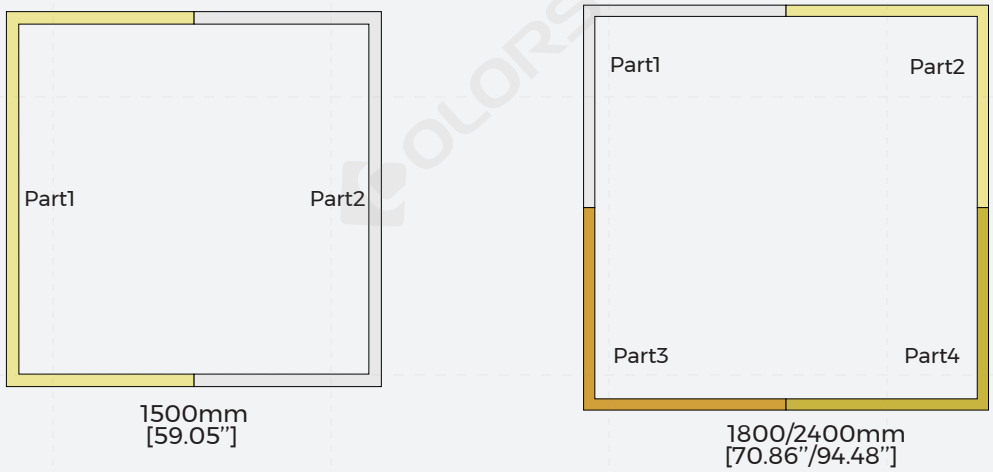
Common information

· Material:	AL6063-T5, spraying surface
· Color:	Black/White/Silver/0range/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:	Recessed
· Certification:	CE, UKCA, ROHS, REACH, CB, ENEC, ETL, LM-80
· Warranty:	5 years

◎ Product Dimension Information



Case 1: For length of side≤1.2m, the lamp is to be produced as complete unit.



Case 2: For length of side>1.2m, 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-RE3535D	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-RE3535P	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-RE5035D	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-RE5035P	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-RE7035D	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-RE7035P	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%	

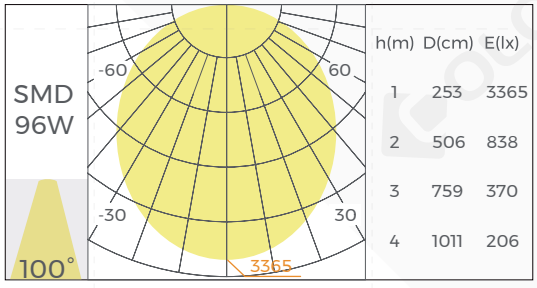
Note: All other lumens are to be based on white coated luminaire with 4000K,RA80(100%);and multiplied by the percentage in the table above.

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

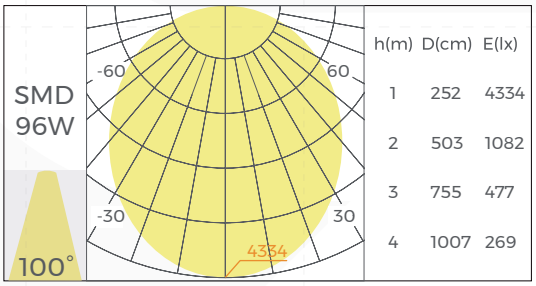
Example 1: If you need 4000K,RA90 lumens (white coated luminaire)	1000*86%=860lm
Example 2: If you need 4000K,RA90 lumens (other coated colors of luminaire)	1000*86%*90%=774lm
Example 3: If you need 3000K,RA80 lumens (white coated luminaire)	1000*93%=930lm
Example 4: If you need 3000K,RA90 lumens (white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

◎ Optical Parameter

【S-RE3535D】



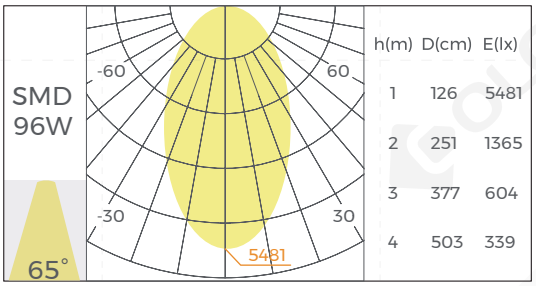
Regular version



High-efficiency version

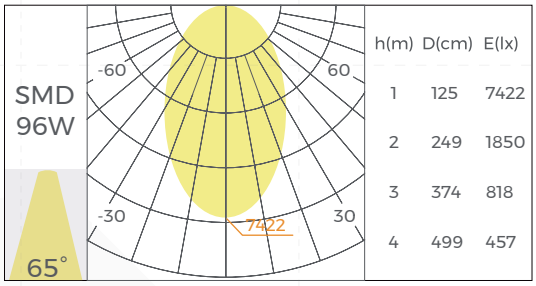
*The above data is based on a 1200mm length luminaire with Ra80,4000K.

【S-RE3535P】



h(m)	D(cm)	E(lx)
1	126	5481
2	251	1365
3	377	604
4	503	339

Regular version

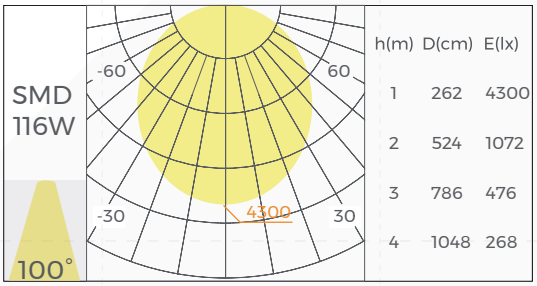


h(m)	D(cm)	E(lx)
1	125	7422
2	249	1850
3	374	818
4	499	457

High-efficiency version

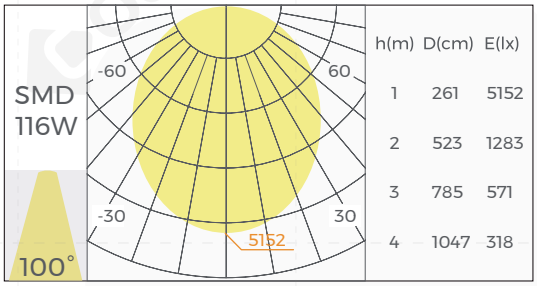
*The above data is based on a 1200mm length luminaire with Ra80,4000K.

【S-RE5035D】



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

Regular version

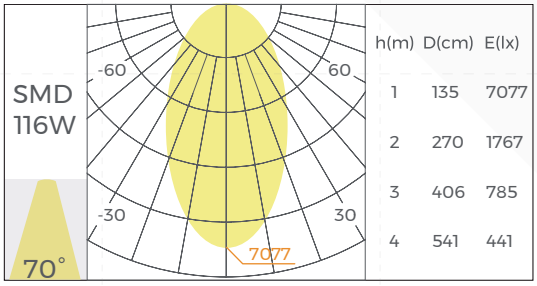


h(m)	D(cm)	E(lx)
1	261	5152
2	523	1283
3	785	571
4	1047	318

High-efficiency version

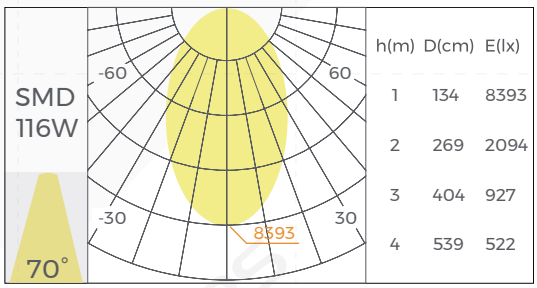
*The above data is based on a 1200mm length luminaire with Ra80,4000K.

【S-RE5035P】



h(m)	D(cm)	E(lx)
1	135	7077
2	270	1767
3	406	785
4	541	441

Regular version

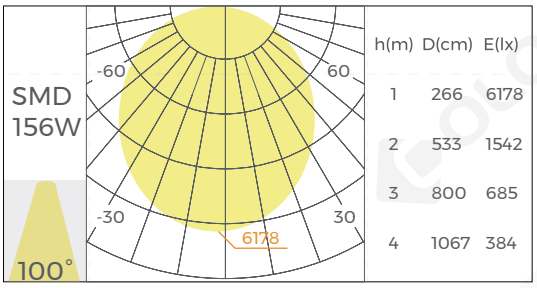


h(m)	D(cm)	E(lx)
1	134	8393
2	269	2094
3	404	927
4	539	522

High-efficiency version

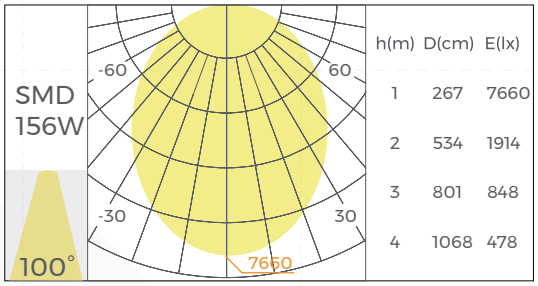
*The above data is based on a 1200mm length luminaire with Ra80,4000K.

【S-RE7035D】



h(m)	D(cm)	E(lx)
1	266	6178
2	533	1542
3	800	685
4	1067	384

Regular version

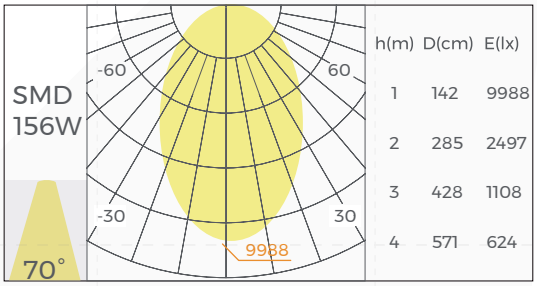


h(m)	D(cm)	E(lx)
1	267	7660
2	534	1914
3	801	848
4	1068	478

High-efficiency version

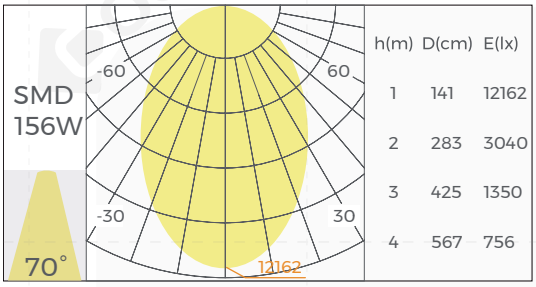
*The above data is based on a 1200mm length luminaire with Ra80,4000K.

【S-RE7035P】



h(m)	D(cm)	E(lx)
1	142	9988
2	285	2497
3	428	1108
4	571	624

Regular version



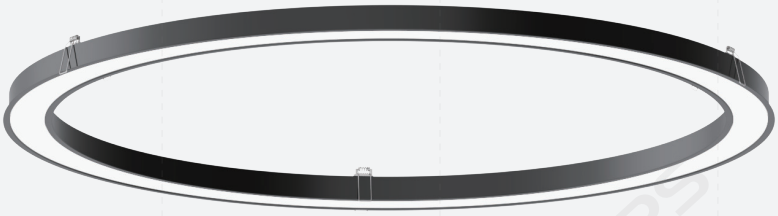
h(m)	D(cm)	E(lx)
1	141	12162
2	283	3040
3	425	1350
4	567	756

High-efficiency version

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

◎ Installation

External power supply



Recessed

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

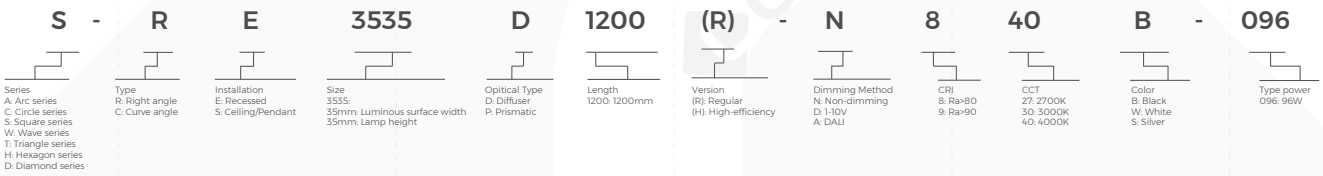
◎Packing

Model	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
S-RE3535D0600(R)-N840W048	4	7.68	10.08	670*670*380 [26.37"*26.37"*14.96"]
S-RE3535D0900(R)-N840W070	4	11.52	14.72	970*970*380 [38.18"*38.18"*14.96"]
S-RE3535D1200(R)-N840W096	4	15.36	19.36	1270*1270*380 [50"*50"*14.96"]
S-RE3535D1500(R)-N840W118	2	9.60	12.00	820*820*320 [32.28"*32.28"*12.59"]
S-RE3535D1800(R)-N840W140	2	11.52	14.32	970*970*320 [38.18"*38.18"*12.59"]
S-RE3535D2400(R)-N840W188	2	15.36	18.56	1270*1270*320 [50"*50"*12.59"]
S-RE5035D0600(R)-N840W058	4	9.60	12.00	670*670*380 [26.37"*26.37"*14.96"]
S-RE5035D0900(R)-N840W090	4	14.40	17.60	970*970*380 [38.18"*38.18"*14.96"]
S-RE5035D1200(R)-N840W116	4	19.20	23.20	1270*1270*380 [50"*50"*14.96"]
S-RE5035D1500(R)-N840W148	2	12.00	14.40	820*820*320 [32.28"*32.28"*12.59"]
S-RE5035D1800(R)-N840W180	2	14.40	17.20	970*970*320 [38.18"*38.18"*12.59"]
S-RE5035D2400(R)-N840W235	2	19.20	22.40	1270*1270*320 [50"*50"*12.59"]
S-RE7035D0600(R)-N840W078	4	11.04	13.44	670*670*380 [26.37"*26.37"*14.96"]
S-RE7035D0900(R)-N840W116	4	16.56	19.76	970*970*380 [38.18"*38.18"*14.96"]
S-RE7035D1200(R)-N840W156	4	22.08	26.08	1270*1270*380 [50"*50"*14.96"]

Model	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
S-RE7035D1500(R)-N840W200	2	13.80	16.20	820*820*320 [32.28''*32.28''*12.59'']
S-RE7035D1800(R)-N840W235	2	16.56	19.36	970*970*320 [38.18''*38.18''*12.59'']
S-RE7035D2400(R)-N840W310	2	22.08	25.28	1270*1270*320 [50''*50''*12.59'']

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



◎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