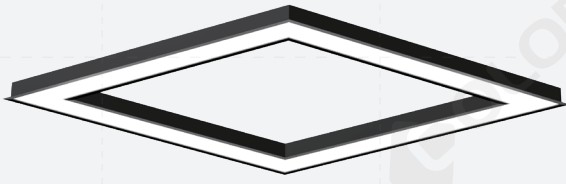


# Infinite System Specification

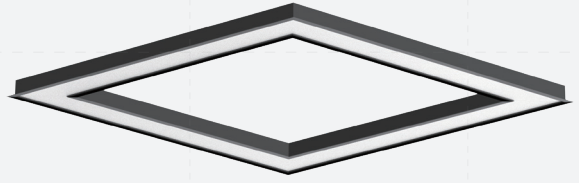
## — Diamond series



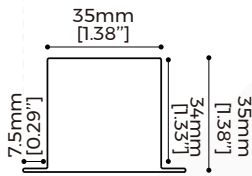
D-RE3535D  
D-RE5035D  
D-RE7035D  
D-RE3535P  
D-RE5035P  
D-RE7035P



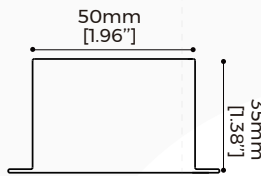
Optical: Diffuser



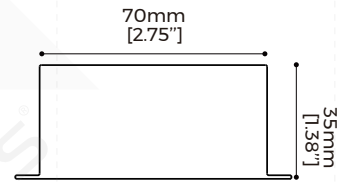
Optical: Prismatic



Model:  
D-RE3535D  
D-RE3535P



Model:  
D-RE5035D  
D-RE5035P



Model:  
D-RE7035D  
D-RE7035P

## © Basic Information

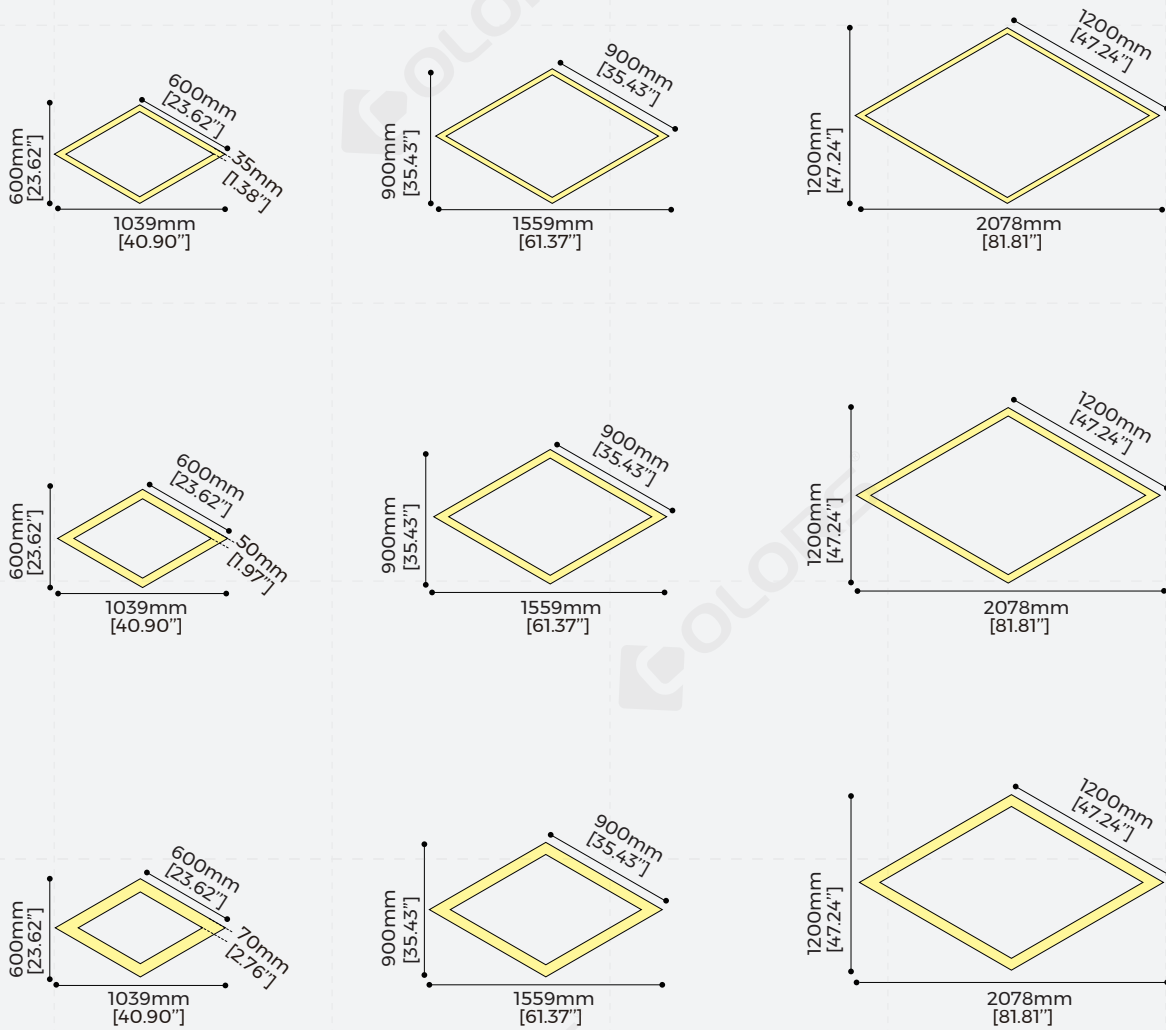
### Light efficiency

<b>D-RE3535D</b> 100LM/W(Regular), 120LM/W(High-Efficiency)	<b>D-RE3535P</b> 85LM/W(Regular), 105LM/W(High-Efficiency)
<b>D-RE5035D</b> 100LM/W(Regular), 120LM/W(High-Efficiency)	<b>D-RE5035P</b> 90LM/W(Regular), 105LM/W(High-Efficiency)
<b>D-RE7035D</b> 110LM/W(Regular), 135LM/W(High-Efficiency)	<b>D-RE7035P</b> 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: 600/900/1200mm optional
- 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

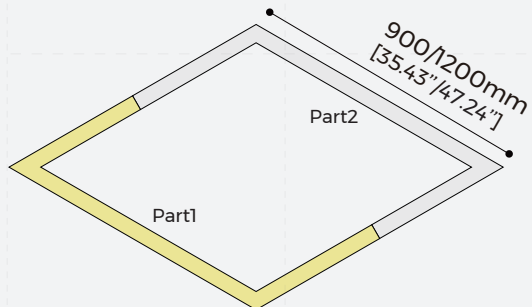
© Product Dimension Information



\*The yellow fill means luminous surface.

\*For side length < 900mm, the lamp is to be produced as complete unit.

\*For side length ≥ 900mm, the lamp is to be divided into parts as following:



© Luminaire Parameters

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
D-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]	94	AC200-240V	470	>80	9400	
						>90	8084	
	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]	94	AC200-240V	470	>80	11280	
						>90	9701	
D-RE3535P	Regular	600 [1.97ft]	48	AC200-240V	240	>80	4080	
						>90	3509	
		900 [2.95ft]	70	AC200-240V	350	>80	5950	
						>90	5117	
		1200 [3.94ft]	94	AC200-240V	470	>80	7990	
						>90	6871	
	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]	94	AC200-240V	470	>80	9870	
						>90	8488	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
D-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	
	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	
D-RE5035P	Regular	600 [1.97ft]	58	AC200-240V	290	>80	5220	
						>90	4489	
		900 [2.95ft]	90	AC200-240V	450	>80	8100	
						>90	6966	
		1200 [3.94ft]	116	AC200-240V	590	>80	10440	
						>90	8978	
	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	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
D-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	
	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	
D-RE7035P	Regular	600 [1.97ft]	78	AC200-240V	390	>80	7800	
						>90	6708	
		900 [2.95ft]	116	AC200-240V	590	>80	11600	
						>90	9976	
		1200 [3.94ft]	156	AC200-240V	790	>80	15600	
						>90	13416	
	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	

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%	

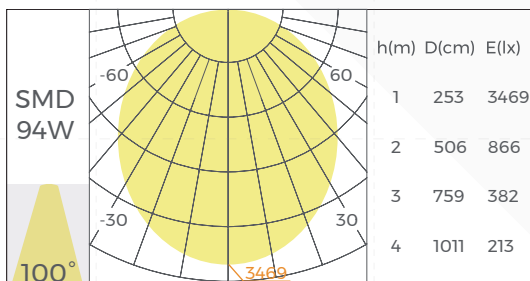
Note: All other lumens are to be based on white coated luminaire with 4000K, RA80(100%); and multiplied by the percentage in the table above.

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

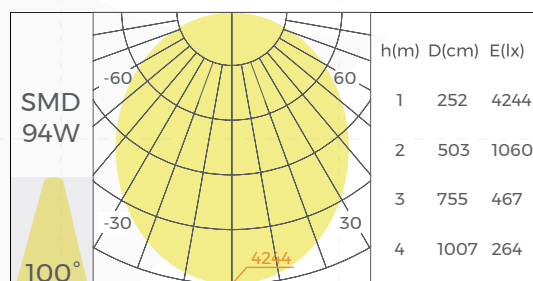
Example 1: If you need 4000K, RA90 lumens (white coated luminaire)	$1000 \times 86\% = 860\text{lm}$
Example 2: If you need 4000K, RA90 lumens (other coated colors of luminaire)	$1000 \times 86\% \times 90\% = 774\text{lm}$
Example 3: If you need 3000K, RA80 lumens (white coated luminaire)	$1000 \times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

### [D-RE3535D]



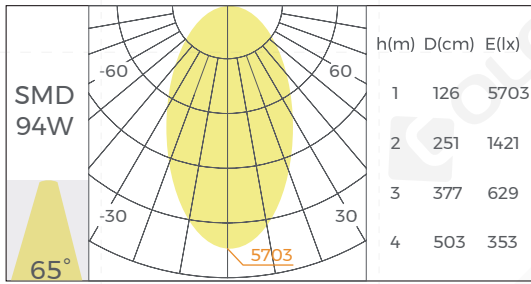
Regular version



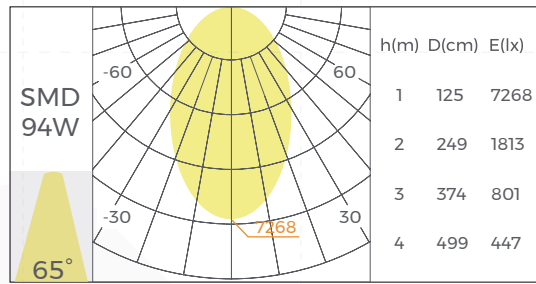
High-efficiency version

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

**【D-RE3535P】**



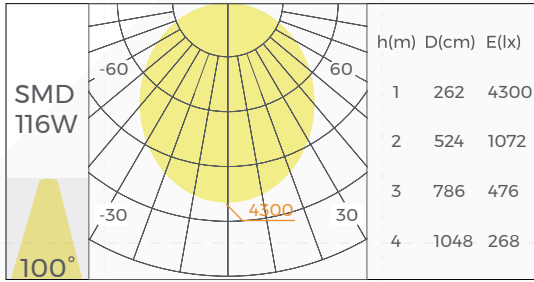
Regular version



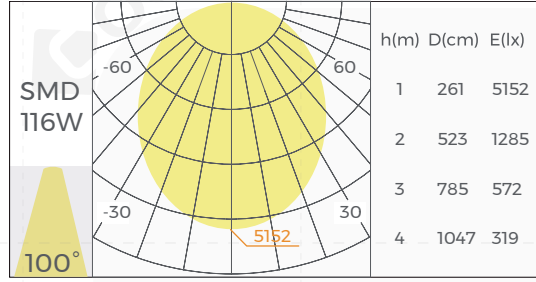
High-efficiency version

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

**【D-RE5035D】**



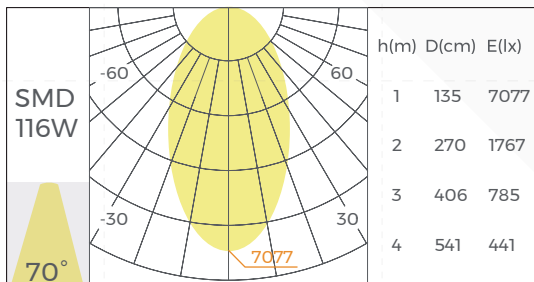
Regular version



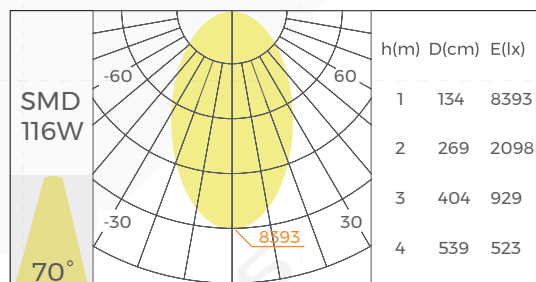
High-efficiency version

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

**【D-RE5035P】**



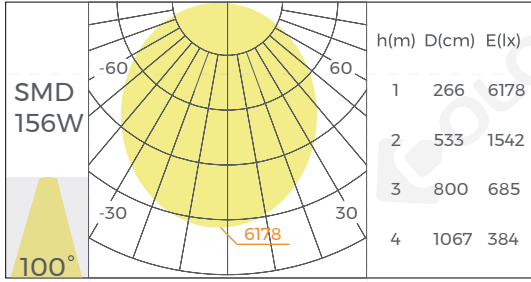
Regular version



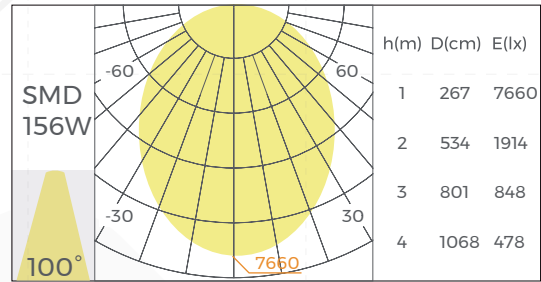
High-efficiency version

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

**【D-RE7035D】**



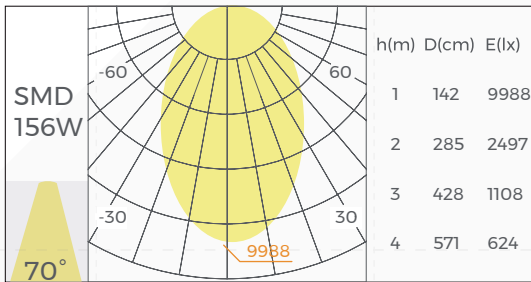
Regular version



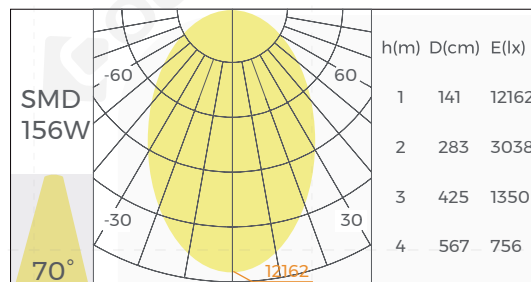
High-efficiency version

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

**【D-RE7035P】**



Regular version

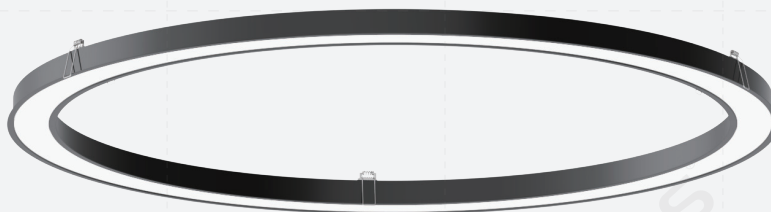


High-efficiency version

\*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)
D-RE3535D0600(R)-N840W048	4	7.68	10.08	1090*660*380 [42.91"*25.98"*14.96"]
D-RE3535D0900(R)-N840W070	4	11.52	14.72	1180*480*380 [46.45"*18.89"*14.96"]
D-RE3535D1200(R)-N840W094	4	15.36	19.36	1560*580*380 [61.41"*22.83"*14.96"]
D-RE5035D0600(R)-N840W058	4	9.60	12.00	1090*660*380 [42.91"*25.98"*14.96"]
D-RE5035D0900(R)-N840W090	4	14.40	17.60	1180*480*380 [46.45"*18.89"*14.96"]
D-RE5035D1200(R)-N840W116	4	19.20	23.20	1560*580*380 [61.41"*22.83"*14.96"]
D-RE7035D0600(R)-N840W078	4	11.52	13.92	1090*660*380 [42.91"*25.98"*14.96"]
D-RE7035D0900(R)-N840W116	4	17.28	20.48	1180*480*380 [46.45"*18.89"*14.96"]
D-RE7035D1200(R)-N840W156	4	23.04	27.04	1560*580*380 [61.41"*22.83"*14.96"]

### Note:

1. Lamps packaged without inner box, directly use the outer box.
2. The above weight data is for reference, the exact data should be based on the weight of the physical weighing shall prevail.

## ◎Model Code

D	R	E	3535	D	1200	(R)	N	8	40	B	094
											
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 3535: 35mm: Luminous surface width 35mm: 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 094: 94W

## © **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