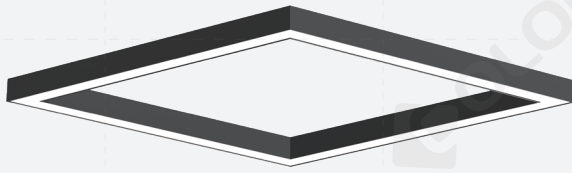


# Infinite System Specification

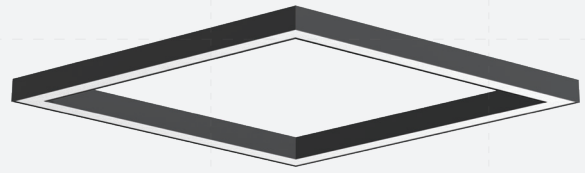
## — Diamond series



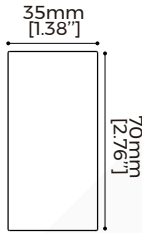
D-RS3570D  
D-RS5070D  
D-RS7070D  
D-RS3570P  
D-RS5070P  
D-RS7070P



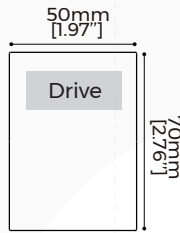
Optical: Diffuser



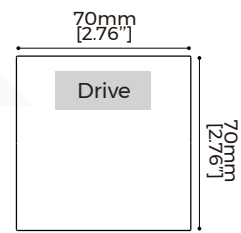
Optical: Prismatic



Model:  
D-RS3570D  
D-RS3570P



Model:  
D-RS5070D  
D-RS5070P



Model:  
D-RS7070D  
D-RS7070P

## © Basic Information

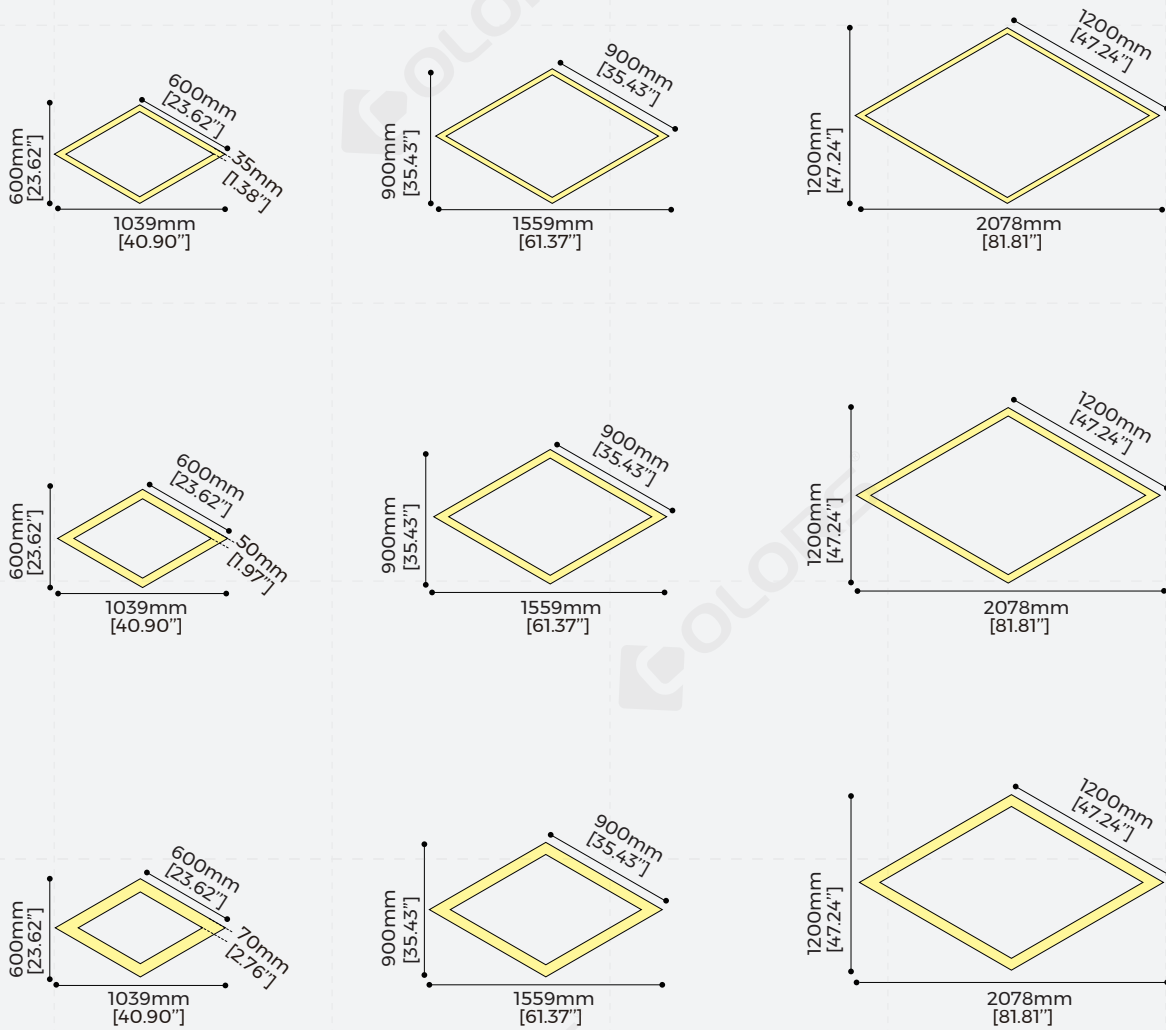
### Light efficiency

<b>D-RS3570D</b> 100LM/W(Regular), 120LM/W(High-Efficiency)	<b>D-RS3570P</b> 85LM/W(Regular), 105LM/W(High-Efficiency)
<b>D-RS5070D</b> 100LM/W(Regular), 120LM/W(High-Efficiency)	<b>D-RS5070P</b> 90LM/W(Regular), 105LM/W(High-Efficiency)
<b>D-RS7070D</b> 110LM/W(Regular), 135LM/W(High-Efficiency)	<b>D-RS7070P</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: Ceiling/Pendant
- Certification: CE, UKCA, ROHS, REACH, CB, ENEC, ETL, LM-80
- Warranty: 5 years

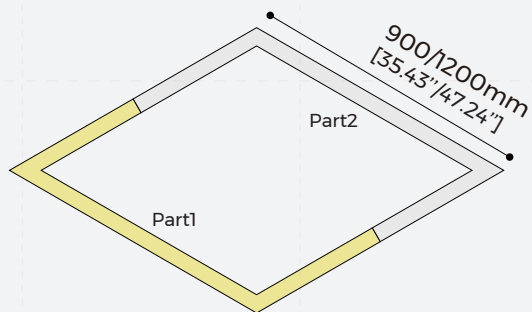
© Product Dimension Information



\*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-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]	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-RS3570P	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-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	
	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-RS5070P	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-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	
	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-RS7070P	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%	

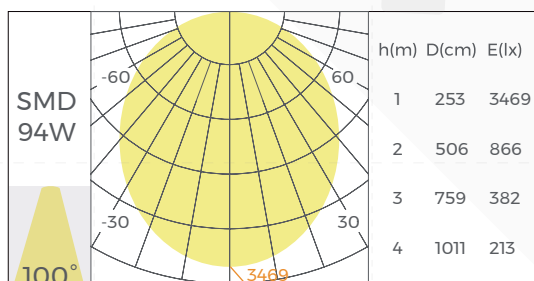
Note: All other lumens are to be based on white coated luminaire with 4000K, RA80(100%); and multiplied by the percentage in the table above.

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

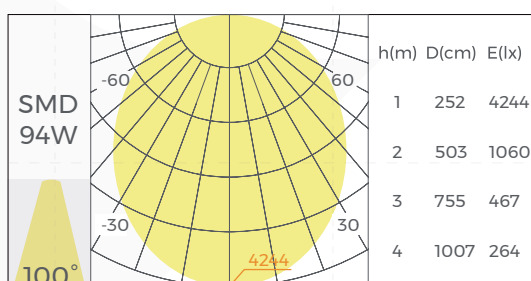
Example 1: If you need 4000K, RA90 lumens (white coated luminaire)	$1000 \times 86\% = 860\text{lm}$
Example 2: If you need 4000K, RA90 lumens (other coated colors of luminaire)	$1000 \times 86\% \times 90\% = 774\text{lm}$
Example 3: If you need 3000K, RA80 lumens (white coated luminaire)	$1000 \times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



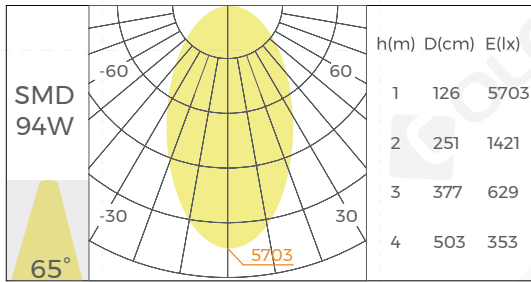
Regular version



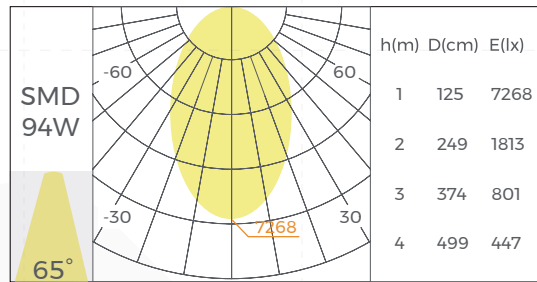
High-efficiency version

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

**【D-RS3570P】**



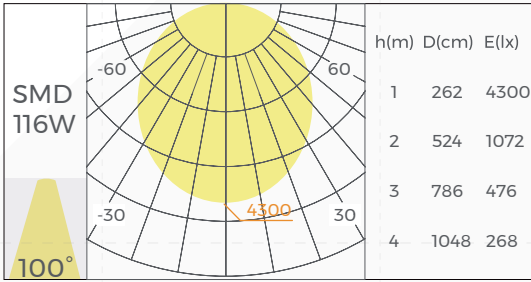
Regular version



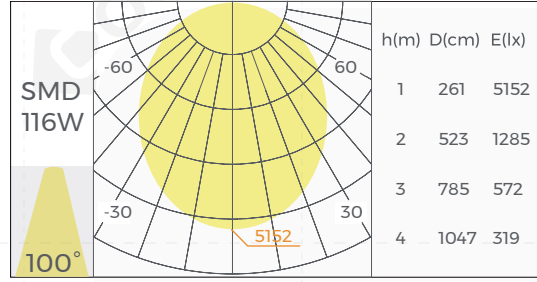
High-efficiency version

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

**【D-RS5070D】**



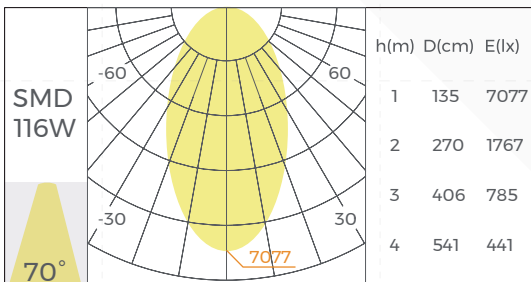
Regular version



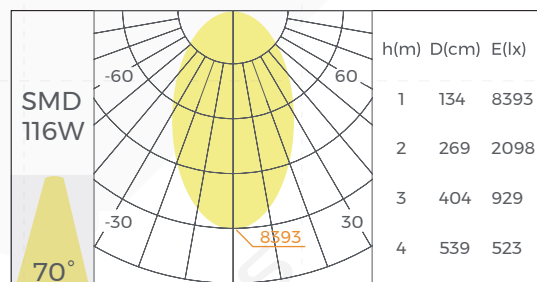
High-efficiency version

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

**【D-RS5070P】**



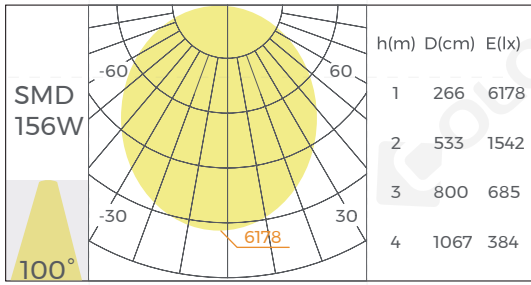
Regular version



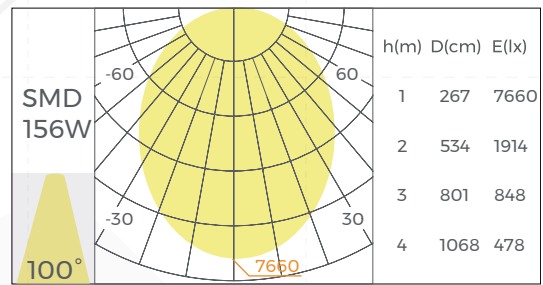
High-efficiency version

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

**【D-RS7070D】**



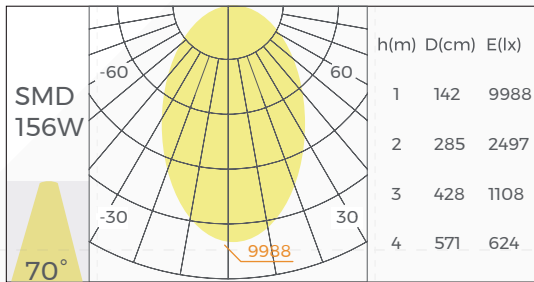
Regular version



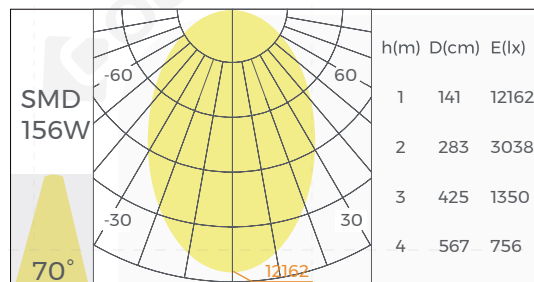
High-efficiency version

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

**【D-RS7070P】**



Regular version



High-efficiency version

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

**© Installation**

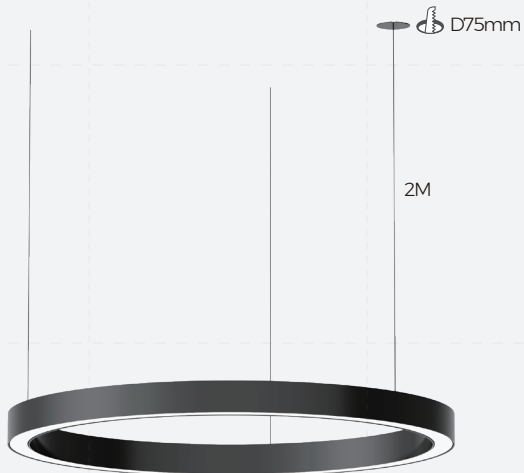
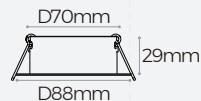
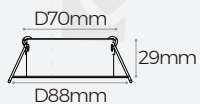
External power supply/Built-in power supply



Ceiling

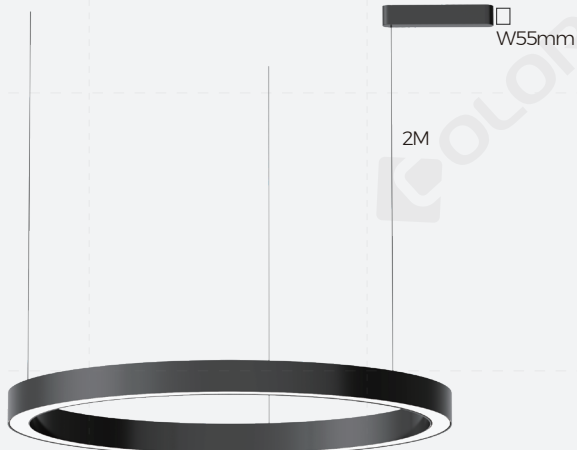
# External power supply

For Model:  
D-RS3570D  
D-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:  
D-RS5070D  
D-RS5070P  
D-RS7070D  
D-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)
D-RS3570D0600(R)-N840W048	4	10.94	13.34	1090*660*520 [42.91**25.98**20.47"]
D-RS3570D0900(R)-N840W070	4	16.42	19.62	1180*480*520 [46.45**18.89**20.47"]
D-RS3570D1200(R)-N840W094	4	21.89	25.89	1560*580*520 [61.41**22.83**20.47"]
D-RS5070D0600(R)-N840W058	4	13.44	15.84	1090*660*520 [42.91**25.98**20.47"]
D-RS5070D0900(R)-N840W090	4	20.16	23.36	1180*480*520 [46.45**18.89**20.47"]
D-RS5070D1200(R)-N840W116	2	13.44	15.44	1560*580*520 [61.41**22.83**20.47"]
D-RS7070D0600(R)-N840W078	4	15.36	17.76	1090*660*520 [42.91**25.98**20.47"]
D-RS7070D0900(R)-N840W116	2	11.52	13.12	1180*480*520 [46.45**18.89**20.47"]
D-RS7070D1200(R)-N840W156	2	15.36	17.36	1560*580*520 [61.41**22.83**20.47"]

### Note:

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

## ◎Model Code

<b>D</b>	-	<b>R</b>	<b>S</b>	<b>3570</b>	<b>D</b>	<b>1200</b>	<b>(R)</b>	-	<b>N</b>	<b>8</b>	<b>40</b>	<b>B</b>	-	<b>094</b>
														
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 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