

# Infinite System Specification

## — Wave series



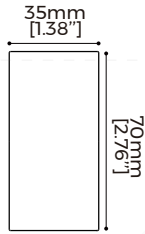
W-CS3570D  
W-CS5070D  
W-CS7070D  
W-CS3570P  
W-CS5070P  
W-CS7070P



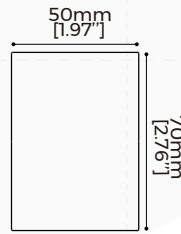
Optical: Diffuser



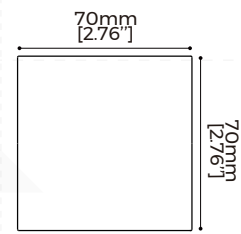
Optical: Prismatic



Model:  
W-CS3570D  
W-CS3570P



Model:  
W-CS5070D  
W-CS5070P



Model:  
W-CS7070D  
W-CS7070P

## Basic Information

### Light efficiency

<b>W-CS3570D</b> 100LM/W(Regular), 120LM/W(High-Efficiency)	<b>W-CS3570P</b> 85LM/W(Regular), 105LM/W(High-Efficiency)
<b>W-CS5070D</b> 100LM/W(Regular), 120LM/W(High-Efficiency)	<b>W-CS5070P</b> 90LM/W(Regular), 105LM/W(High-Efficiency)
<b>W-CS7070D</b> 110LM/W(Regular), 135LM/W(High-Efficiency)	<b>W-CS7070P</b> 100LM/W(Regular), 120LM/W(High-Efficiency)

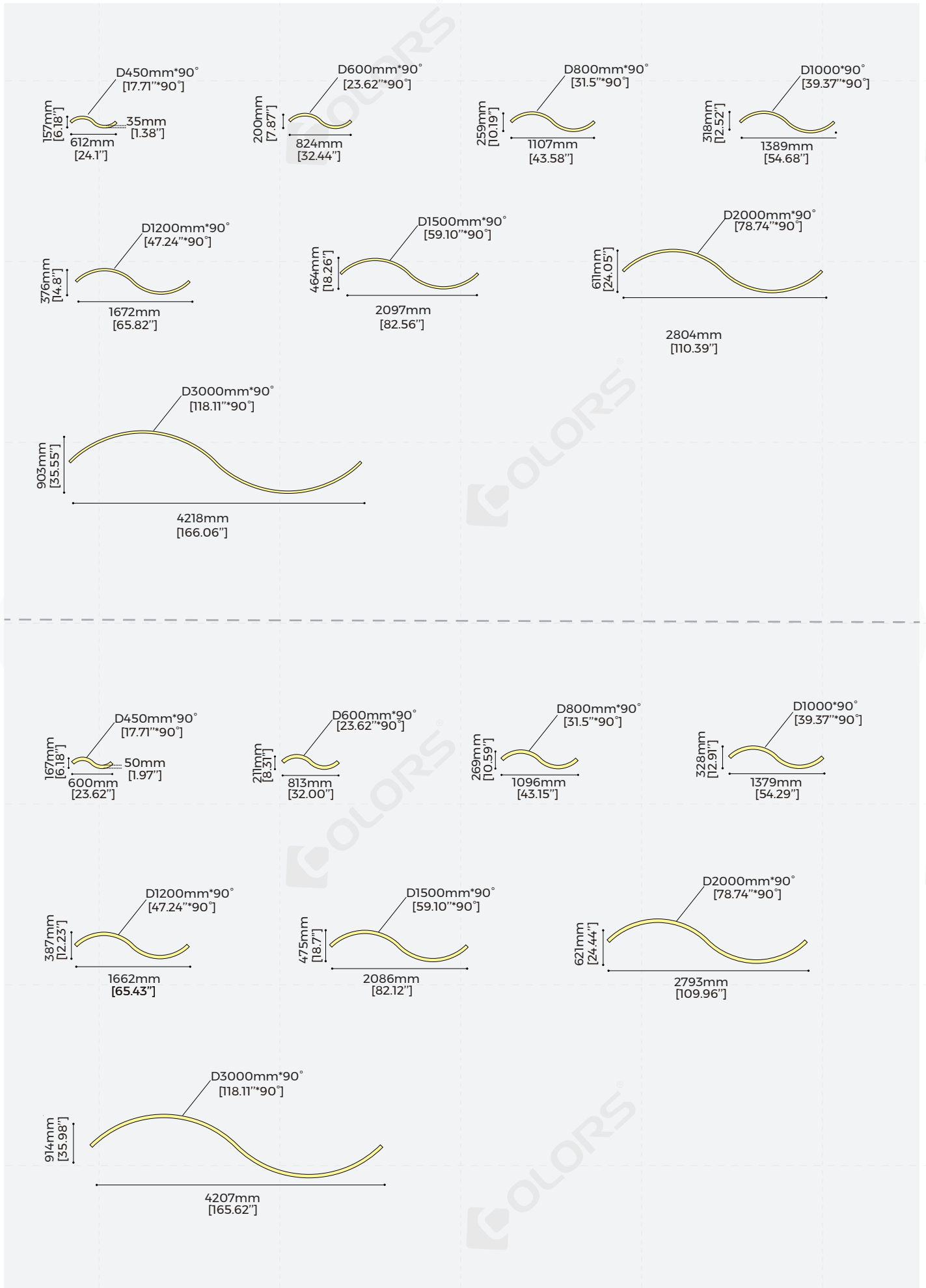
### Diameter

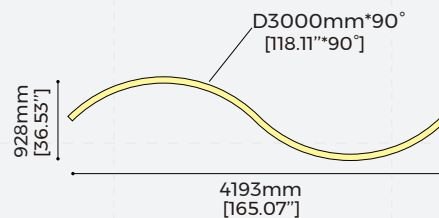
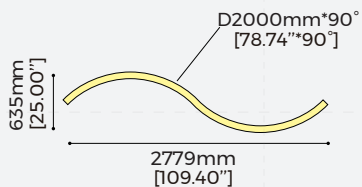
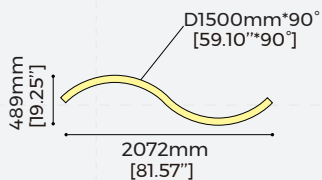
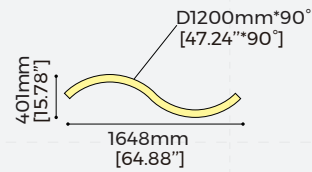
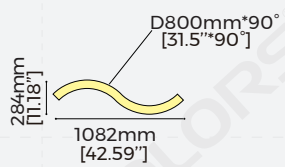
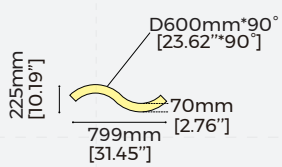
<b>W-CS3570D/W-CS3570P/W-CS5070D/W-CS5070P</b> D450/600/800/1000/1200/1500/2000/3000 mm	<b>W-CS7070D/W-CS7070P</b> D600/800/1000/1200/1500/2000/3000 mm
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## Common information

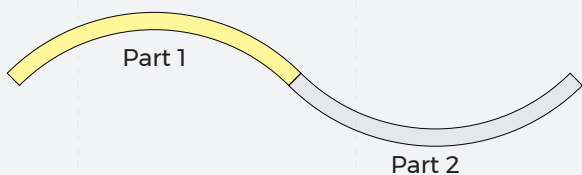
- Material: AL6063-T5, spraying surface
- Color: Black/White/Silver/Orange/Blue/Green /Rose gold/Champagne gold
- IP grade: IP20
- CCT: 2700/3000/3500/4000/5000/6500K
- CRI: >80/>90
- SDCM: ≤3 Step
- Dimming method: Non-dimming, 1-10V, DALI2+PUSH
- Application: Indoor
- Installation: Ceiling/Pendant
- Certification: CE, UKCA, ROHS, REACH, CB, ENEC, ETL, LM-80
- Warranty: 5 years

© Product Dimension Information





Case1: For diameters ≤ 1.2m, the lamp is to be produced as complete unit.



D1500/2000/3000mm\*90°  
[59.10°/78.74°/118.11°\*90°]

Case2: For diameter > 1.2m, the lamp is to be divided into parts.

© Luminaire Parameters

Model	Version	Diameter (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
W-CS3570D	Regular	D450 [1.48ft]	13	AC200-240V	70	>80	1300	2700K 3000K 3500K 4000K 5000K 6500K
						>90	1118	
		D600 [1.97ft]	17	AC200-240V	90	>80	1700	
						>90	1462	
		D800 [2.62ft]	23	AC200-240V	120	>80	2300	
						>90	1978	
		D1000 [3.28ft]	29	AC200-240V	150	>80	2900	
						>90	2494	
	D1200 [3.94ft]	35	AC200-240V	180	>80	3500		
					>90	3010		
	D1500 [4.92ft]	46	AC200-240V	230	>80	4600		
					>90	3956		
	D2000 [6.56ft]	62	AC200-240V	310	>80	6200		
					>90	5332		
	D3000 [9.84ft]	94	AC200-240V	470	>80	9400		
					>90	8084		
High-Efficiency	D450 [1.48ft]	13	AC200-240V	70	>80	1560		
					>90	1342		
	D600 [1.97ft]	17	AC200-240V	90	>80	2040		
					>90	1754		
	D800 [2.62ft]	23	AC200-240V	120	>80	2760		
					>90	2374		
	D1000 [3.28ft]	29	AC200-240V	150	>80	3480		
					>90	2993		
D1200 [3.94ft]	35	AC200-240V	180	>80	4200			
				>90	3612			
D1500 [4.92ft]	46	AC200-240V	230	>80	5520			
				>90	4747			
D2000 [6.56ft]	62	AC200-240V	310	>80	7440			
				>90	6398			
D3000 [9.84ft]	94	AC200-240V	470	>80	11280			
				>90	9701			

Model	Version	Diameter (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
W-CS3570P	Regular	D450 [1.48ft]	13	AC200-240V	70	>80	1105	2700K 3000K 3500K 4000K 5000K 6500K
						>90	950	
		D600 [1.97ft]	17	AC200-240V	90	>80	1445	
						>90	1243	
		D800 [2.62ft]	23	AC200-240V	120	>80	1955	
						>90	1681	
		D1000 [3.28ft]	29	AC200-240V	150	>80	2465	
						>90	2120	
		D1200 [3.94ft]	35	AC200-240V	180	>80	2975	
						>90	2559	
		D1500 [4.92ft]	46	AC200-240V	230	>80	3910	
						>90	3363	
	D2000 [6.56ft]	62	AC200-240V	310	>80	5270		
					>90	4532		
	D3000 [9.84ft]	94	AC200-240V	470	>80	7990		
					>90	6871		
	High-Efficiency	D450 [1.48ft]	13	AC200-240V	70	>80	1365	
						>90	1174	
		D600 [1.97ft]	17	AC200-240V	90	>80	1785	
						>90	1535	
		D800 [2.62ft]	23	AC200-240V	120	>80	2415	
						>90	2077	
		D1000 [3.28ft]	29	AC200-240V	150	>80	3045	
						>90	2619	
D1200 [3.94ft]		35	AC200-240V	180	>80	3675		
					>90	3161		
D1500 [4.92ft]		46	AC200-240V	230	>80	4830		
					>90	4154		
D2000 [6.56ft]	62	AC200-240V	310	>80	6510			
				>90	5599			
D3000 [9.84ft]	94	AC200-240V	470	>80	9870			
				>90	8488			

Model	Version	Diameter (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
W-CS5070D	Regular	D450 [1.48ft]	15	AC200-240V	80	>80	1500	2700K 3000K 3500K <b>4000K</b> 5000K 6500K
						>90	1290	
		D600 [1.97ft]	20	AC200-240V	100	>80	2000	
						>90	1720	
		D800 [2.62ft]	27	AC200-240V	140	>80	2700	
						>90	2322	
		D1000 [3.28ft]	35	AC200-240V	180	>80	3500	
						>90	3010	
		D1200 [3.94ft]	40	AC200-240V	200	>80	4000	
						>90	3440	
		D1500 [4.92ft]	54	AC200-240V	270	>80	5400	
						>90	4644	
	D2000 [6.56ft]	70	AC200-240V	350	>80	7000		
					>90	6020		
	D3000 [9.84ft]	105	AC200-240V	530	>80	10500		
					>90	9030		
	High-Efficiency	D450 [1.48ft]	15	AC200-240V	80	>80	1800	
						>90	1548	
		D600 [1.97ft]	20	AC200-240V	100	>80	2400	
						>90	2064	
		D800 [2.62ft]	27	AC200-240V	140	>80	3240	
						>90	2786	
		D1000 [3.28ft]	35	AC200-240V	180	>80	4200	
						>90	3612	
D1200 [3.94ft]		40	AC200-240V	200	>80	4800		
					>90	4128		
D1500 [4.92ft]		54	AC200-240V	270	>80	6480		
					>90	5573		
D2000 [6.56ft]	70	AC200-240V	350	>80	8400			
				>90	7224			
D3000 [9.84ft]	105	AC200-240V	530	>80	12600			
				>90	10836			

Model	Version	Diameter (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
W-CS5070P	Regular	D450 [1.48ft]	15	AC200-240V	80	>80	1350	2700K 3000K 3500K 4000K 5000K 6500K
						>90	1161	
		D600 [1.97ft]	20	AC200-240V	100	>80	1800	
						>90	1548	
		D800 [2.62ft]	27	AC200-240V	140	>80	2430	
						>90	2090	
		D1000 [3.28ft]	35	AC200-240V	180	>80	3150	
						>90	2709	
		D1200 [3.94ft]	40	AC200-240V	200	>80	3600	
						>90	3096	
		D1500 [4.92ft]	54	AC200-240V	270	>80	4860	
						>90	4180	
	D2000 [6.56ft]	70	AC200-240V	350	>80	6300		
					>90	5418		
	D3000 [9.84ft]	105	AC200-240V	530	>80	9450		
					>90	8127		
	High-Efficiency	D450 [1.48ft]	15	AC200-240V	80	>80	1650	
						>90	1419	
		D600 [1.97ft]	20	AC200-240V	100	>80	2200	
						>90	1892	
		D800 [2.62ft]	27	AC200-240V	140	>80	2970	
						>90	2554	
		D1000 [3.28ft]	35	AC200-240V	180	>80	3850	
						>90	3311	
D1200 [3.94ft]		40	AC200-240V	200	>80	4200		
					>90	3612		
D1500 [4.92ft]		54	AC200-240V	270	>80	5940		
					>90	5108		
D2000 [6.56ft]	70	AC200-240V	350	>80	7700			
				>90	6622			
D3000 [9.84ft]	105	AC200-240V	530	>80	11550			
				>90	9933			

Model	Version	Diameter (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
W-CS7070D	Regular	D600 [1.97ft]	27	AC200-240V	140	>80	2970	2700K 3000K 3500K 4000K 5000K 6500K
						>90	2554	
		D800 [2.62ft]	38	AC200-240V	190	>80	4180	
						>90	3595	
		D1000 [3.28ft]	46	AC200-240V	230	>80	5060	
						>90	4352	
		D1200 [3.94ft]	58	AC200-240V	290	>80	6380	
						>90	5487	
		D1500 [4.92ft]	74	AC200-240V	370	>80	8140	
						>90	7000	
		D2000 [6.56ft]	100	AC200-240V	510	>80	11000	
						>90	9460	
		D3000 [9.84ft]	148	AC200-240V	750	>80	16280	
						>90	14001	
	High-Efficiency	D600 [1.97ft]	27	AC200-240V	140	>80	3645	
						>90	3135	
		D800 [2.62ft]	38	AC200-240V	190	>80	5130	
						>90	4412	
		D1000 [3.28ft]	46	AC200-240V	230	>80	6210	
						>90	5341	
		D1200 [3.94ft]	58	AC200-240V	290	>80	7830	
						>90	6734	
		D1500 [4.92ft]	74	AC200-240V	370	>80	9990	
						>90	8591	
D2000 [6.56ft]		100	AC200-240V	510	>80	13500		
					>90	11610		
D3000 [9.84ft]		148	AC200-240V	750	>80	19980		
					>90	17183		

Model	Version	Diameter (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
W-CS7070P	Regular	D600 [1.97ft]	27	AC200-240V	140	>80	2700	2700K 3000K 3500K 4000K 5000K 6500K
						>90	2322	
		D800 [2.62ft]	38	AC200-240V	190	>80	3800	
						>90	3268	
		D1000 [3.28ft]	46	AC200-240V	230	>80	4600	
						>90	3956	
		D1200 [3.94ft]	58	AC200-240V	290	>80	5800	
	>90					4988		
	D1500 [4.92ft]	74	AC200-240V	370	>80	7400		
					>90	6364		
	D2000 [6.56ft]	100	AC200-240V	510	>80	10000		
					>90	8600		
	High-Efficiency	D600 [1.97ft]	27	AC200-240V	140	>80	3240	
						>90	2786	
D800 [2.62ft]		38	AC200-240V	190	>80	4560		
					>90	3922		
D1000 [3.28ft]		46	AC200-240V	230	>80	5520		
					>90	4747		
D1200 [3.94ft]		58	AC200-240V	290	>80	6960		
	>90				5986			
D1500 [4.92ft]	74	AC200-240V	370	>80	8880			
				>90	7637			
D2000 [6.56ft]	100	AC200-240V	510	>80	12000			
				>90	10320			
D3000 [9.84ft]	148	AC200-240V	750	>80	17760			
				>90	15274			

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%	

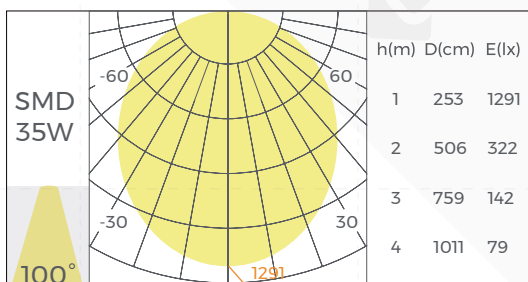
Note: All other lumens are to be based on white coated luminaire with 4000K, RA80(100%); and multiplied by the percentage in the table above.

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

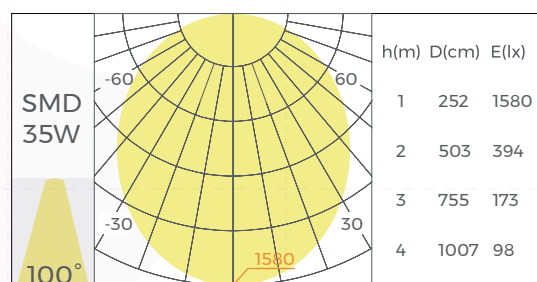
Example 1: If you need 4000K, RA90 lumens (white coated luminaire)	$1000 \times 86\% = 860\text{lm}$
Example 2: If you need 4000K, RA90 lumens (other coated colors of luminaire)	$1000 \times 86\% \times 90\% = 774\text{lm}$
Example 3: If you need 3000K, RA80 lumens (white coated luminaire)	$1000 \times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

### [W-CS3570D]



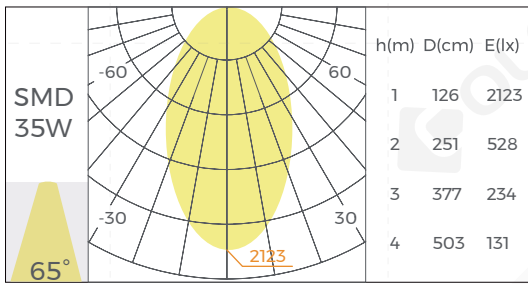
Regular version



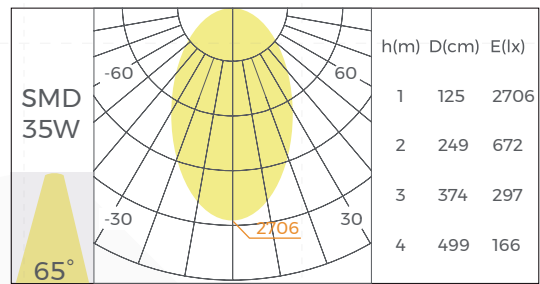
High-efficiency version

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

**[W-CS3570P]**



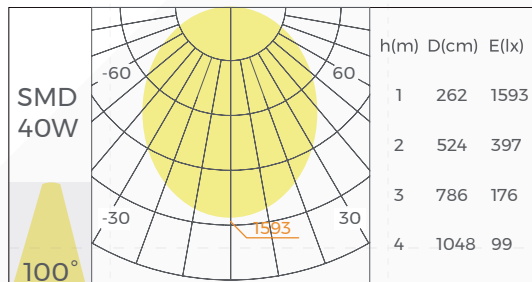
Regular version



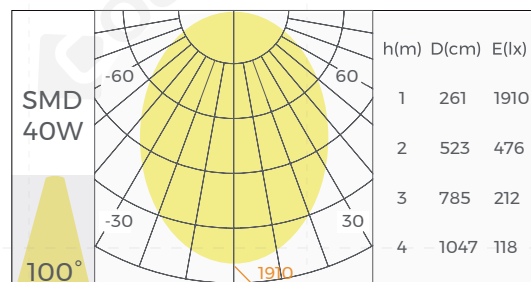
High-efficiency version

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

**[W-CS5070D]**



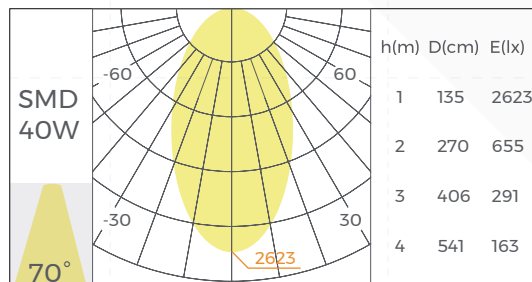
Regular version



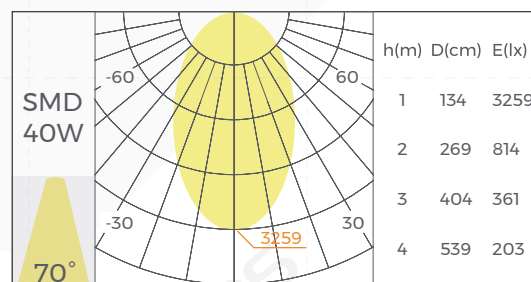
High-efficiency version

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

**[W-CS5070P]**



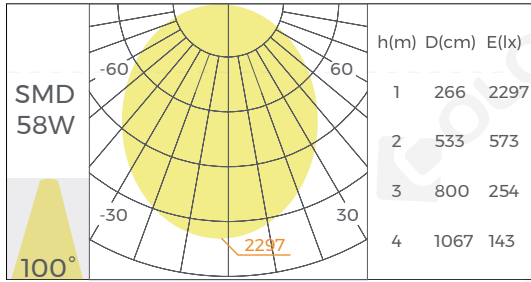
Regular version



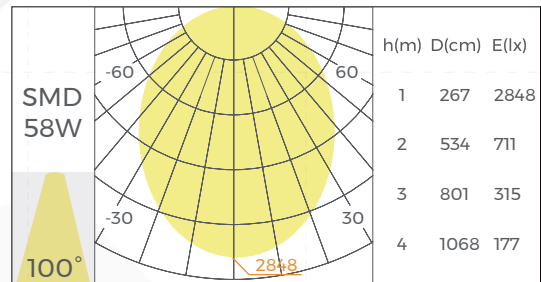
High-efficiency version

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

## 【W-CS7070D】



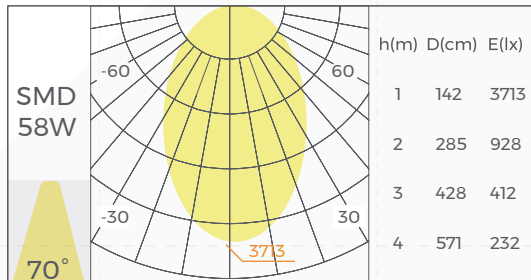
Regular version



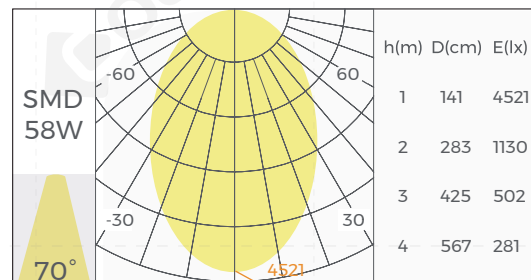
High-efficiency version

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

## 【W-CS7070P】



Regular version



High-efficiency version

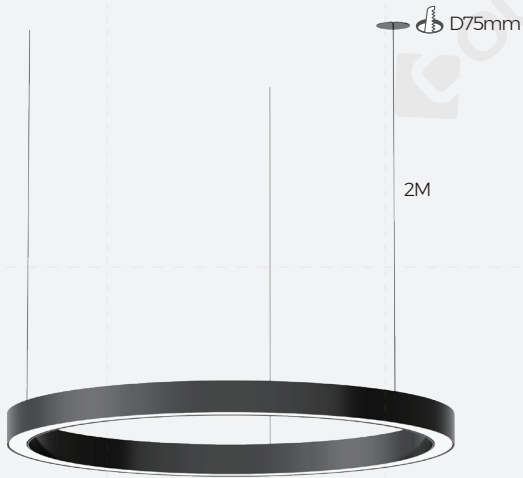
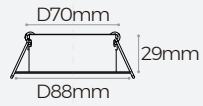
\*The above data is based on a 1200mm diameter luminaire with Ra80,4000K.

## © Installation

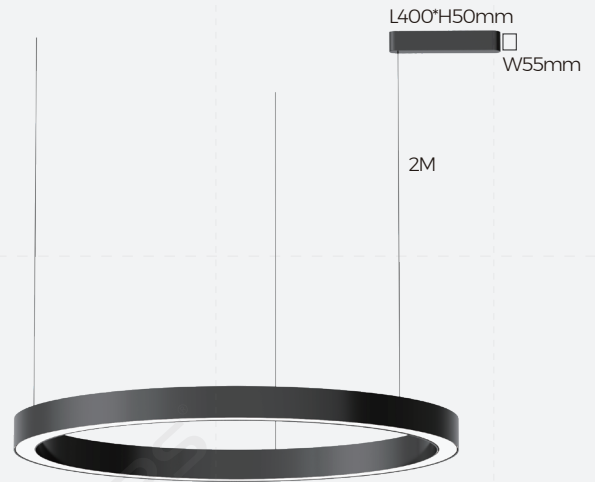
### External power supply



Ceiling



**Ceiling plate**  
(With Steel Wire Rope)



**Linear Power Box**  
(With Steel Wire Rope)

**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)
W-CS3570DD0450(R)-N840W013	4	2.87	5.27	670*170*520 [26.37**6.69**20.47"]
W-CS3570DD0600(R)-N840W017	4	3.90	7.10	880*200*520 [34.64**7.87**20.47"]
W-CS3570DD0800(R)-N840W023	4	5.28	8.88	1160*240*520 [45.66**9.44**20.47"]
W-CS3570DD1000(R)-N840W029	4	6.67	10.67	1430*270*520 [56.29**10.62**20.47"]
W-CS3570DD1200(R)-N840W035	4	8.05	12.85	1720*300*520 [67.71**11.81**20.47"]
W-CS3570DD1500(R)-N840W046	4	10.12	15.52	1070*360*520 [42.12**14.17**20.47"]
W-CS3570DD2000(R)-N840W062	4	13.57	19.57	1420*440*520 [55.90**17.32**20.47"]
W-CS3570DD3000(R)-N840W094	2	10.24	13.84	2120*560*270 [83.46**22.04**10.62"]
W-CS5070DD0450(R)-N840W015	4	3.52	5.92	670*170*520 [26.37**6.69**20.47"]
W-CS5070DD0600(R)-N840W020	4	4.84	8.04	880*200*520 [34.64**7.87**20.47"]
W-CS5070DD0800(R)-N840W027	4	6.59	10.19	1160*240*520 [45.66**9.44**20.47"]
W-CS5070DD1000(R)-N840W035	4	8.35	12.95	1430*270*520 [56.29**10.62**20.47"]
W-CS5070DD1200(R)-N840W040	4	10.11	14.91	1720*300*520 [67.71**11.81**20.47"]
W-CS5070DD1500(R)-N840W054	4	12.75	18.15	1070*360*520 [42.12**14.17**20.47"]
W-CS5070DD2000(R)-N840W070	4	17.14	23.14	1420*440*520 [55.90**17.32**20.47"]
W-CS5070DD3000(R)-N840W105	2	12.97	16.57	2120*560*270 [83.46**22.83**10.62"]

Model	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
W-CS7070DD0600(R)-N840W027	4	5.33	7.73	880*200*520 [34.64"*7.87"*20.47"]
W-CS7070DD0800(R)-N840W038	4	7.34	10.54	1160*240*520 [45.66"*9.44"*20.47"]
W-CS7070DD1000(R)-N840W046	4	9.34	13.14	1430*270*520 [56.29"*10.62"*20.47"]
W-CS7070DD1200(R)-N840W058	4	11.35	15.55	1720*300*520 [67.71"*11.81"*20.47"]
W-CS7070DD1500(R)-N840W074	4	14.37	19.17	1070*360*520 [42.12"*14.17"*20.47"]
W-CS7070DD2000(R)-N840W100	4	19.39	25.39	1420*440*520 [55.90"*17.32"*20.47"]
W-CS7070DD3000(R)-N840W148	2	14.72	18.32	2120*560*270 [83.46"*22.04"*10.62"]

- 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

<b>W</b>	-	<b>C</b>	<b>S</b>	<b>3570</b>	<b>D</b>	<b>D1200</b>	<b>(R)</b>	-	<b>N</b>	<b>8</b>	<b>40</b>	<b>B</b>	-	<b>035</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	Diameter D1200.1200mm	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 035. 35W

## 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