

Infinite System Specification

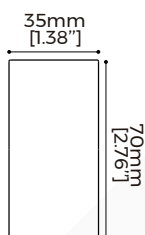
— Circle series



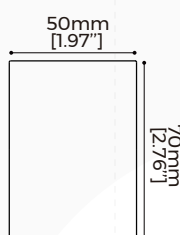
C-CS3570D
C-CS5070D
C-CS7070D



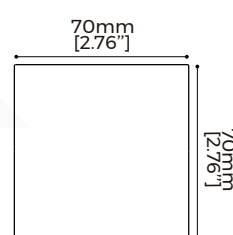
Optical: Diffuser



Model:
C-CS3570D



Model:
C-CS5070D



Model:
C-CS7070D

Basic Information

Light efficiency

C-CS3570D

100LM/W(Regular), 120LM/W(High-Efficiency)

C-CS5070D

100LM/W(Regular), 120LM/W(High-Efficiency)

C-CS7070D

110LM/W(Regular), 135LM/W(High-Efficiency)

Diameter

C-CS3570D/C-CS5070D

D450/600/800/1000/1200/1500/2000/3000 mm

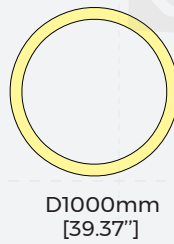
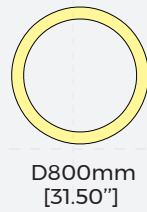
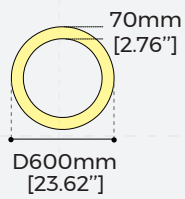
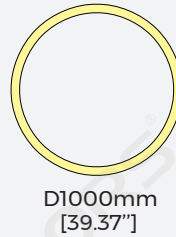
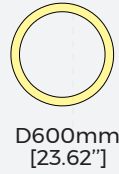
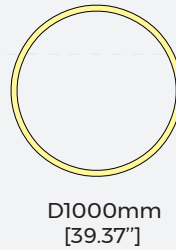
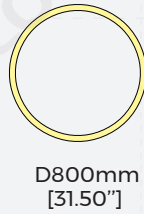
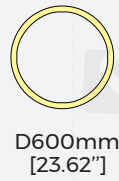
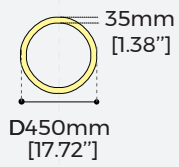
C-CS7070D

D600/800/1000/1200/1500/2000/3000 mm

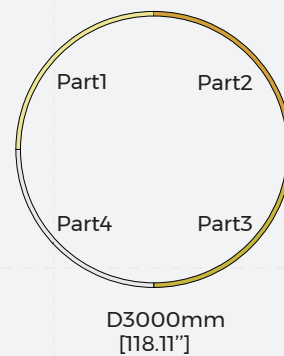
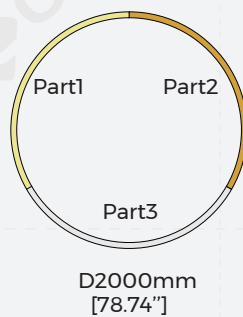
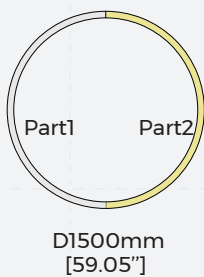
Common information

- 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



Case 1: For diameters $\leq 1.2\text{m}$, the lamp is to be produced as complete unit.



Case 2: For diameter $> 1.2\text{m}$, 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
C-CS3570D	Regular	D450 [1.48ft]	25	AC200-240V	130	>80	2500	2700K 3000K 3500K 4000K 5000K 6500K
						>90	2150	
		D600 [1.97ft]	35	AC200-240V	180	>80	3500	
						>90	3010	
		D800 [2.62ft]	48	AC200-240V	240	>80	4800	
						>90	4128	
		D1000 [3.28ft]	60	AC200-240V	300	>80	6000	
						>90	5160	
	D1200 [3.94ft]	72	AC200-240V	360	>80	7200		
					>90	6192		
	D1500 [4.92ft]	92	AC200-240V	460	>80	9200		
					>90	7912		
	D2000 [6.56ft]	116	AC200-240V	590	>80	11600		
					>90	9976		
	D3000 [9.84ft]	186	AC200-240V	940	>80	18600		
					>90	15996		
High-Efficiency	D450 [1.48ft]	25	AC200-240V	130	>80	3000		
					>90	2580		
	D600 [1.97ft]	35	AC200-240V	180	>80	4200		
					>90	3612		
	D800 [2.62ft]	48	AC200-240V	240	>80	5760		
					>90	4954		
	D1000 [3.28ft]	60	AC200-240V	300	>80	7200		
					>90	6192		
D1200 [3.94ft]	72	AC200-240V	360	>80	8640			
				>90	7430			
D1500 [4.92ft]	92	AC200-240V	460	>80	11040			
				>90	9494			
D2000 [6.56ft]	116	AC200-240V	590	>80	13920			
				>90	11971			
D3000 [9.84ft]	186	AC200-240V	940	>80	22320			
				>90	19195			

Model	Version	Diameter (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
C-CS5070D	Regular	D450 [1.48ft]	30	AC200-240V	150	>80	3000	2700K 3000K 3500K 4000K 5000K 6500K
						>90	2580	
		D600 [1.97ft]	41	AC200-240V	210	>80	4100	
						>90	3526	
		D800 [2.62ft]	55	AC200-240V	280	>80	5500	
						>90	4730	
		D1000 [3.28ft]	72	AC200-240V	360	>80	7200	
						>90	6192	
		D1200 [3.94ft]	78	AC200-240V	390	>80	7800	
						>90	6708	
		D1500 [4.92ft]	108	AC200-240V	550	>80	10800	
						>90	9288	
		D2000 [6.56ft]	142	AC200-240V	720	>80	14200	
						>90	12212	
		D3000 [9.84ft]	212	AC200-240V	1070	>80	21200	
						>90	18232	
	High-Efficiency	D450 [1.48ft]	30	AC200-240V	150	>80	3600	
						>90	3096	
		D600 [1.97ft]	41	AC200-240V	210	>80	4920	
						>90	4231	
		D800 [2.62ft]	55	AC200-240V	280	>80	6600	
						>90	5676	
		D1000 [3.28ft]	72	AC200-240V	360	>80	8640	
						>90	7430	
		D1200 [3.94ft]	78	AC200-240V	390	>80	9360	
						>90	8050	
		D1500 [4.92ft]	108	AC200-240V	550	>80	12960	
						>90	11146	
D2000 [6.56ft]	142	AC200-240V	720	>80	17040			
				>90	14654			
D3000 [9.84ft]	212	AC200-240V	1070	>80	25440			
				>90	21878			

Model	Version	Diameter (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
C-CS7070D	Regular	D600 [1.97ft]	55	AC200-240V	280	>80	6050	2700K 3000K 3500K 4000K 5000K 6500K
						>90	5203	
		D800 [2.62ft]	76	AC200-240V	380	>80	8360	
						>90	7190	
		D1000 [3.28ft]	92	AC200-240V	460	>80	10120	
						>90	8703	
		D1200 [3.94ft]	118	AC200-240V	600	>80	12980	
						>90	11163	
		D1500 [4.92ft]	150	AC200-240V	760	>80	16500	
						>90	14190	
		D2000 [6.56ft]	200	AC200-240V	1010	>80	22000	
						>90	18920	
		D3000 [9.84ft]	300	AC200-240V	1520	>80	33000	
						>90	28380	
	High-Efficiency	D600 [1.97ft]	55	AC200-240V	280	>80	7425	
						>90	6386	
		D800 [2.62ft]	76	AC200-240V	380	>80	10260	
						>90	8824	
		D1000 [3.28ft]	92	AC200-240V	460	>80	12420	
						>90	10681	
		D1200 [3.94ft]	118	AC200-240V	600	>80	15930	
						>90	13700	
		D1500 [4.92ft]	150	AC200-240V	760	>80	20250	
						>90	17415	
		D2000 [6.56ft]	200	AC200-240V	1010	>80	27000	
						>90	23220	
		D3000 [9.84ft]	300	AC200-240V	1520	>80	40500	
						>90	34830	

Note:

1. The output data is based on white coated luminaire with Ra80,4000K.
2. The output lumen figures are all for 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%	

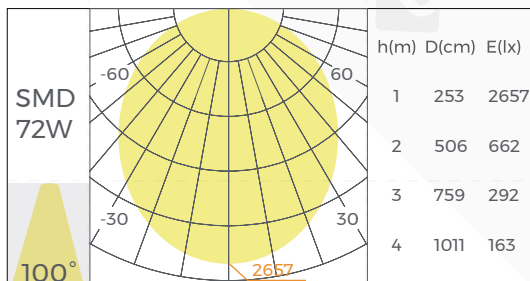
Note: All other lumens are to be based on white coated luminaire with 4000K, RA80(100%); and multiplied by the percentage in the table above.

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

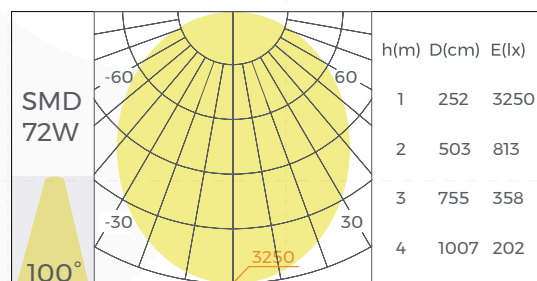
Example 1: If you need 4000K, RA90 lumens (white coated luminaire)	$1000 \times 86\% = 860\text{lm}$
Example 2: If you need 4000K, RA90 lumens (other coated colors of luminaire)	$1000 \times 86\% \times 90\% = 774\text{lm}$
Example 3: If you need 3000K, RA80 lumens (white coated luminaire)	$1000 \times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

[C-CS3570D]



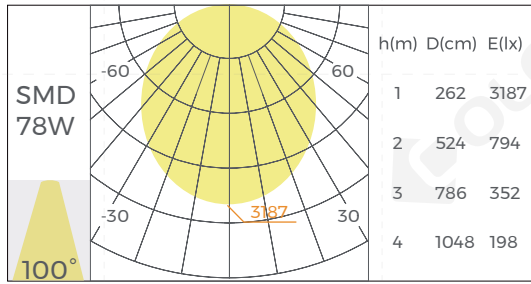
Regular version



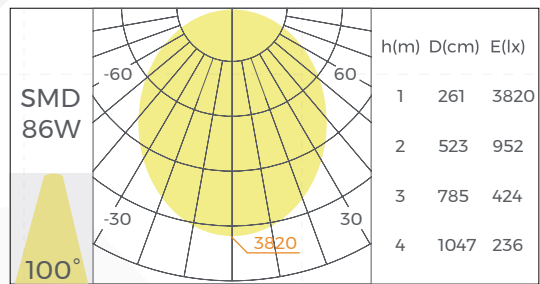
High-efficiency version

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

【C-CS5070D】



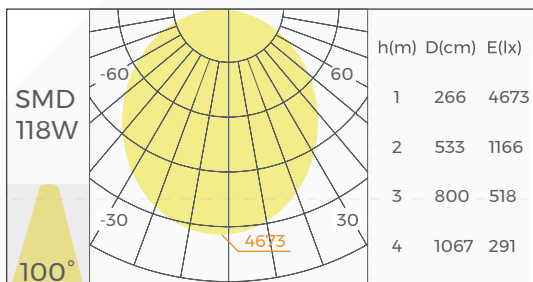
Regular version



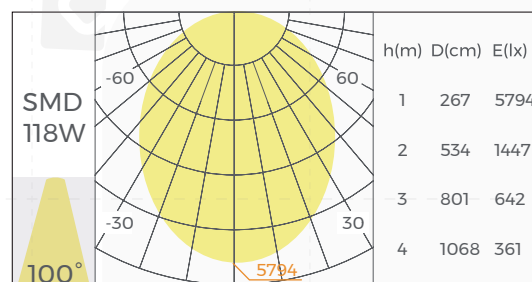
High-efficiency version

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

【C-CS7070D】



Regular version



High-efficiency version

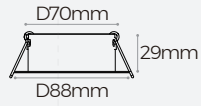
*The above data is based on a 1200mm diameter luminaire with Ra80,4000K.

© Installation

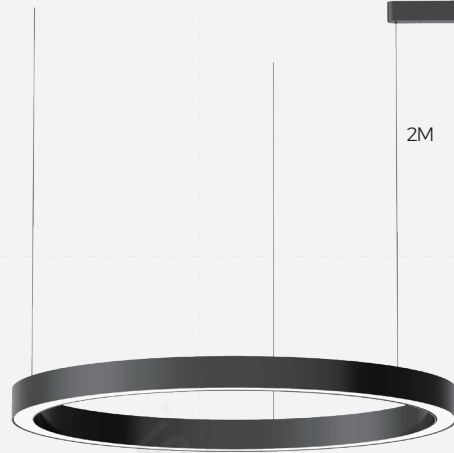
External power supply



Ceiling



Ceiling plate
(With Steel Wire Rope)



Linear Power Box
(With Steel Wire Rope)



Round Power Box

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)	Size (mm/carton)
C-CS3570DD0450(R)-N840W025	4	5.73	8.13	520*520*520 [20.47**20.47**20.47"]
C-CS3570DD0600(R)-N840W035	4	7.81	11.01	670*670*520 [26.37**26.37**20.47"]
C-CS3570DD0800(R)-N840W048	4	10.57	14.37	870*870*520 [34.25**34.25**20.47"]
C-CS3570DD1000(R)-N840W060	4	13.33	17.53	1070*1070*520 [42.12**42.12**20.47"]
C-CS3570DD1200(R)-N840W072	4	16.10	20.70	1270*1270*520 [50**50**20.47"]
C-CS3570DD1500(R)-N840W092	4	20.24	25.64	1570*800*900 [61.81**31.49**35.43"]
C-CS3570DD2000(R)-N840W116	2	13.57	16.57	1820*580*660 [71.65**22.83**25.98"]
C-CS3570DD3000(R)-N840W186	2	20.48	24.08	2180*580*460 [85.82**22.83**18.11"]
C-CS5070DD0450(R)-N840W030	4	7.03	9.43	520*520*520 [20.47**20.47**20.47"]
C-CS5070DD0600(R)-N840W041	4	9.67	12.87	670*670*520 [26.37**26.37**20.47"]
C-CS5070DD0800(R)-N840W055	4	13.19	16.79	870*870*520 [34.25**34.25**20.47"]
C-CS5070DD1000(R)-N840W072	4	16.70	20.90	1070*1070*520 [42.12**42.12**20.47"]
C-CS5070DD1200(R)-N840W078	4	20.22	24.82	1270*1270*520 [50**50**20.47"]
C-CS5070DD1500(R)-N840W108	4	25.50	30.90	1570*800*900 [61.81**31.49**35.43"]
C-CS5070DD2000(R)-N840W142	2	17.14	20.14	1820*580*660 [71.65**22.83**25.98"]
C-CS5070DD3000(R)-N840W212	2	25.94	29.54	2180*580*460 [85.82**22.83**18.11"]

