

# Infinite System Specification

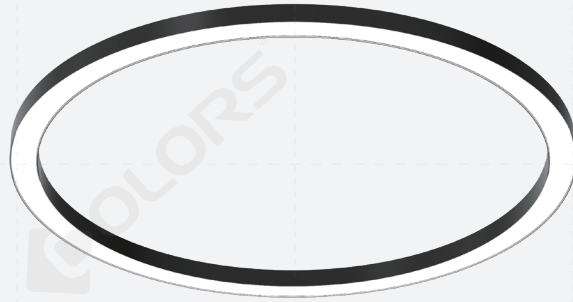
## — Circle series



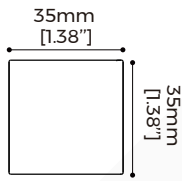
C-CS3535D

C-CS5035D

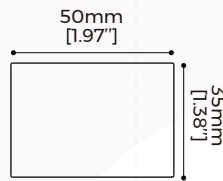
C-CS7035D



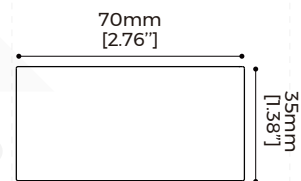
Optical: Diffuser



Model:  
C-CS3535D



Model:  
C-CS5035D



Model:  
C-CS7035D

## Basic Information

### Light efficiency

#### C-CS3535D

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

#### C-CS5035D

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

#### C-CS7035D

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

### Diameter

#### C-CS3535D/C-CS5035D

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

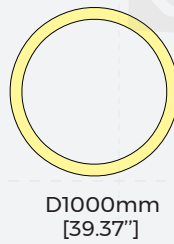
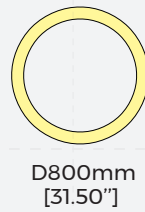
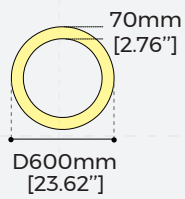
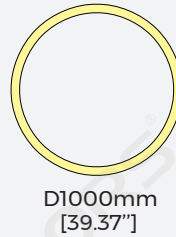
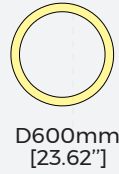
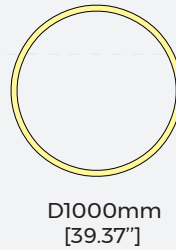
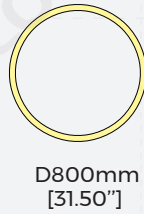
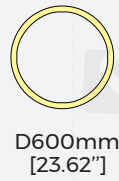
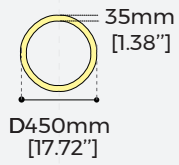
#### C-CS7035D

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

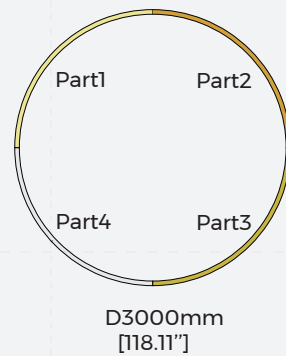
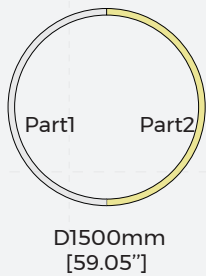
### Common information

- 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  $\leq 1.2m$ , the lamp is to be produced as complete unit.



Case 2: 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
C-CS3535D	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-CS5035D	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-CS7035D	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%	

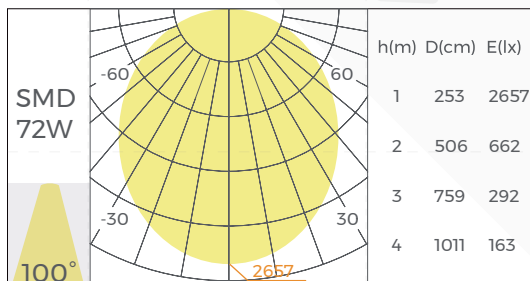
Note: All other lumens are to be based on white coated luminaire with 4000K, RA80(100%); and multiplied by the percentage in the table above.

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

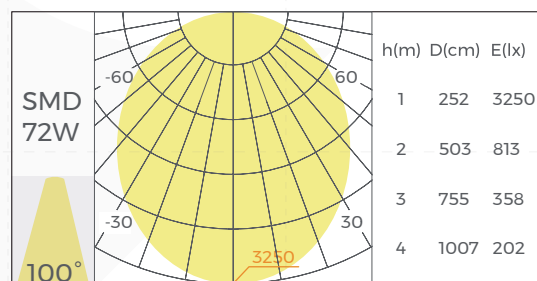
Example 1: If you need 4000K, RA90 lumens (white coated luminaire)	$1000 \times 86\% = 860\text{lm}$
Example 2: If you need 4000K, RA90 lumens (other coated colors of luminaire)	$1000 \times 86\% \times 90\% = 774\text{lm}$
Example 3: If you need 3000K, RA80 lumens (white coated luminaire)	$1000 \times 93\% = 930\text{lm}$
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-CS3535D]



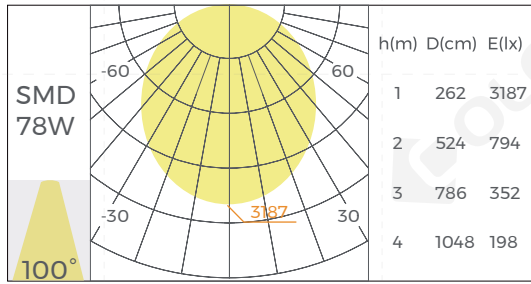
Regular version



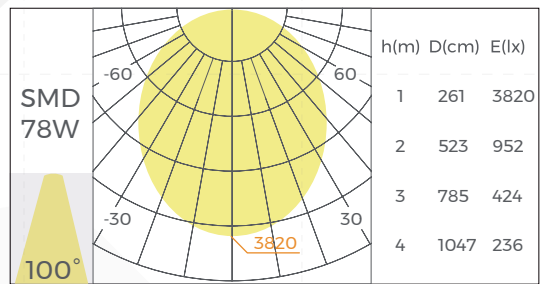
High-efficiency version

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

## 【C-CS5035D】



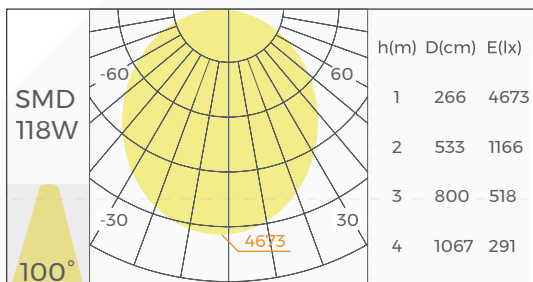
Regular version



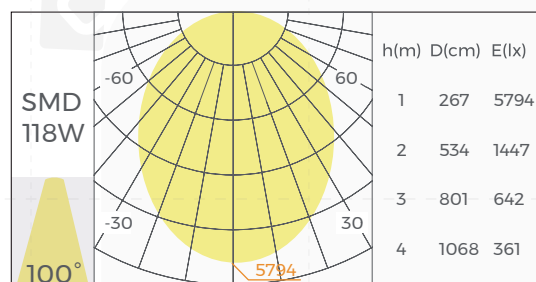
High-efficiency version

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

## 【C-CS7035D】



Regular version



High-efficiency version

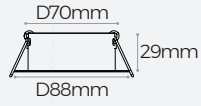
\*The above data is based on a 1200mm diameter luminaire with Ra80,4000K.

## © Installation

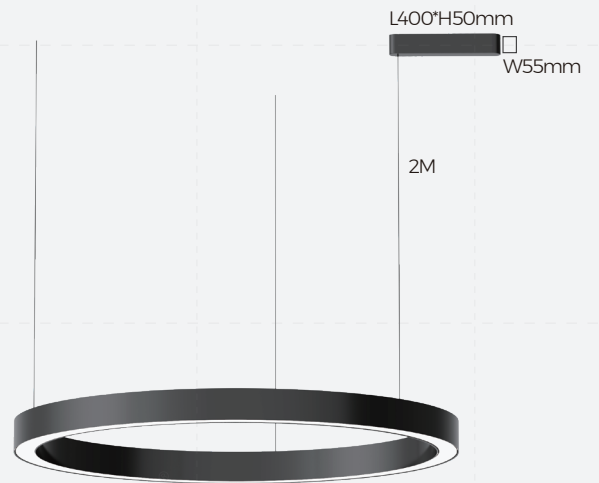
### External power supply



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-CS3535DD0450(R)-N840W025	4	3.65	6.05	520*520*380 [20.47**20.47**14.96"]
C-CS3535DD0600(R)-N840W035	4	4.97	8.17	670*670*380 [26.37**26.37**14.96"]
C-CS3535DD0800(R)-N840W048	4	6.73	6.05	870*870*380 [34.25**34.25**14.96"]
C-CS3535DD1000(R)-N840W060	4	8.48	12.28	1070*1070*380 [42.12**42.12**14.96"]
C-CS3535DD1200(R)-N840W072	4	10.24	14.84	1270*1270*380 [50**50**14.96"]
C-CS3535DD1500(R)-N840W092	4	12.88	18.08	1570*800*620 [61.81**31.49**24.4"]
C-CS3535DD2000(R)-N840W116	2	8.64	11.64	1820*580*460 [71.65**22.83**18.11"]
C-CS3535DD3000(R)-N840W186	2	13.03	16.63	2180*580*320 [85.82**22.83**12.59"]
C-CS5035DD0450(R)-N840W030	4	4.52	6.92	520*520*380 [20.47**20.47**14.96"]
C-CS5035DD0600(R)-N840W041	4	6.22	9.42	670*670*380 [26.37**26.37**14.96"]
C-CS5035DD0800(R)-N840W055	4	8.48	12.08	870*870*380 [34.25**34.25**14.96"]
C-CS5035DD1000(R)-N840W072	4	10.74	14.54	1070*1070*380 [42.12**42.12**14.96"]
C-CS5035DD1200(R)-N840W078	4	13.00	17.60	1270*1270*380 [50**50**14.96"]
C-CS5035DD1500(R)-N840W108	4	16.39	21.59	1570*800*620 [61.81**31.49**24.4"]
C-CS5035DD2000(R)-N840W142	2	11.02	14.02	1820*580*460 [71.65**22.83**18.11"]
C-CS5035DD3000(R)-N840W212	2	16.67	20.27	2180*580*320 [85.82**22.83**12.59"]

Model	Quantity (PCS/carton)	NW (kg/carton)	GW (kg)	Size (mm/carton)
C-CS7035DD0600(R)-N840W055	4	7.32	9.72	670*670*380 [26.37**26.37**14.96"]
C-CS7035DD0800(R)-N840W076	4	10.09	13.29	870*870*380 [34.25**34.25**14.96"]
C-CS7035DD1000(R)-N840W092	4	12.85	16.65	1070*1070*380 [42.12**42.12**14.96"]
C-CS7035DD1200(R)-N840W118	4	15.61	20.21	1270*1270*380 [50**50**14.96"]
C-CS7035DD1500(R)-N840W150	4	19.76	25.16	1570*800*620 [61.81**31.49**24.4"]
C-CS7035DD2000(R)-N840W200	2	13.33	16.33	1820*580*460 [71.65**22.83**18.11"]
C-CS7035DD3000(R)-N840W300	2	20.24	23.84	2180*580*320 [85.82**22.83**12.59"]

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

<b>C</b>	-	<b>C</b>		<b>S</b>		<b>3535</b>		<b>D</b>	<b>D1200</b>	<b>(R)</b>	-	<b>N</b>		<b>8</b>		<b>40</b>		<b>B</b>	-	<b>072</b>																																						
Series		A: Arc series		C: Circle series		S: Square series		W: Wave series		T: Triangle series		H: Hexagon series		D: Diamond series		Type		3535: Luminous surface width 35mm; Lamp height		Optical Type		Diameter		D1200: 1200mm		Version		(R): Regular		(H): High-efficiency		Dimming Method		N: Non-dimming		8: Ra>80		9: Ra>90		CCT		27: 2700K		30: 3000K		40: 4000K		Color		B: Black		W: White		S: Silver		Type power		072: 72W

### 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