

Infinite System Specification

— Triangle series



T-CS3570D

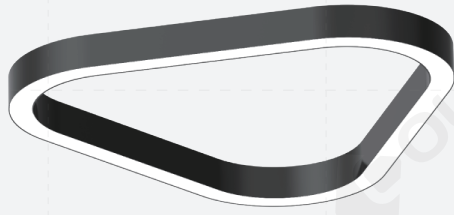
T-CS5070D

T-CS7070D

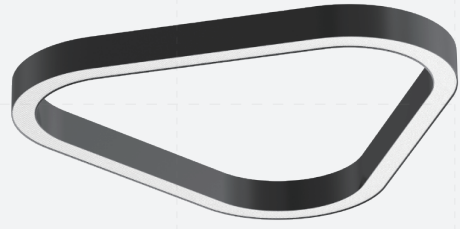
T-CS3570P

T-CS5070P

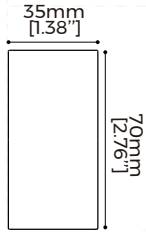
T-CS7070P



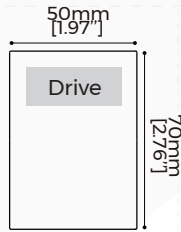
Optical: Diffuser



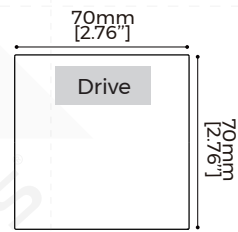
Optical: Prismatic



Model:
T-CS3570D
T-CS3570P



Model:
T-CS5070D
T-CS5070P



Model:
T-CS7070D
T-CS7070P

© Basic Information

Light efficiency

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

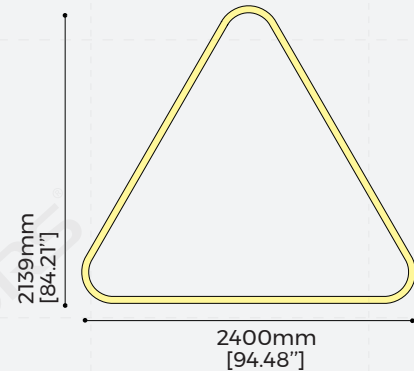
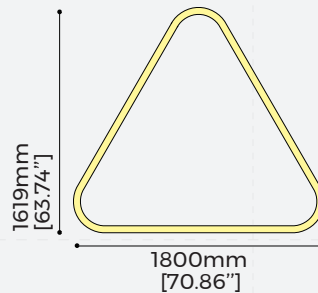
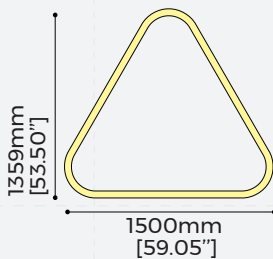
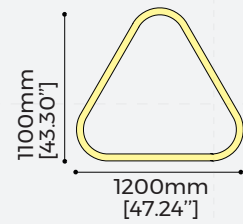
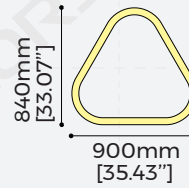
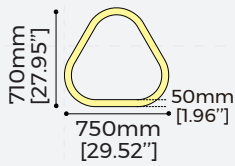
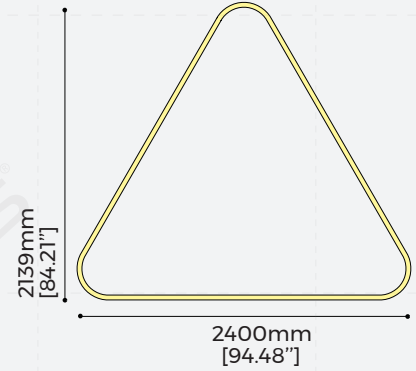
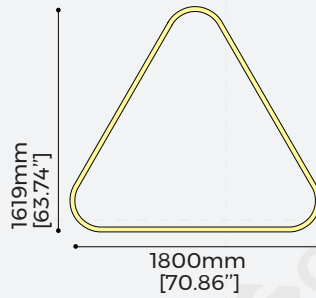
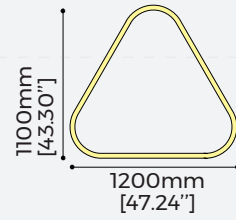
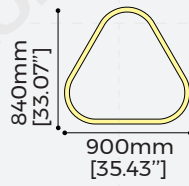
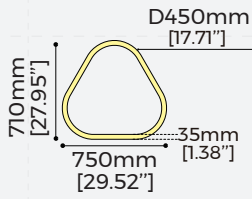
Side length

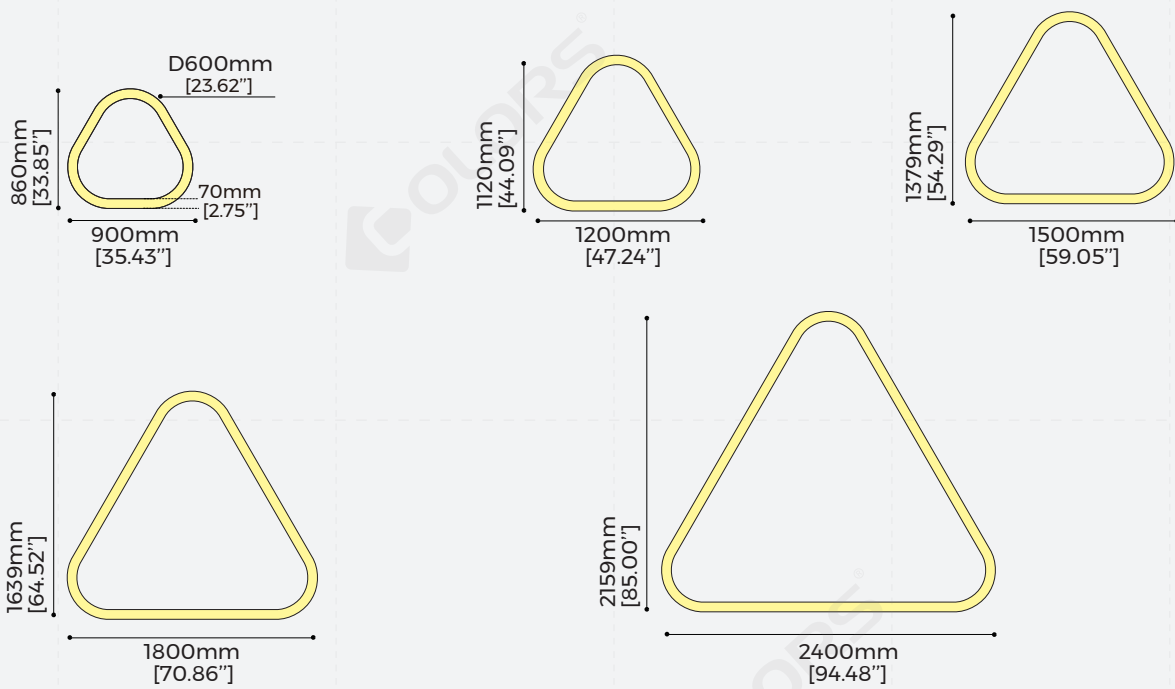
T-CS3570D/T-CS3570P/T-CS5070D/T-CS5070P 750/900/1200/1500/1800/2400mm	T-CS7070D/T-CS7070P 900/1200/1500/1800/2400mm
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Common information

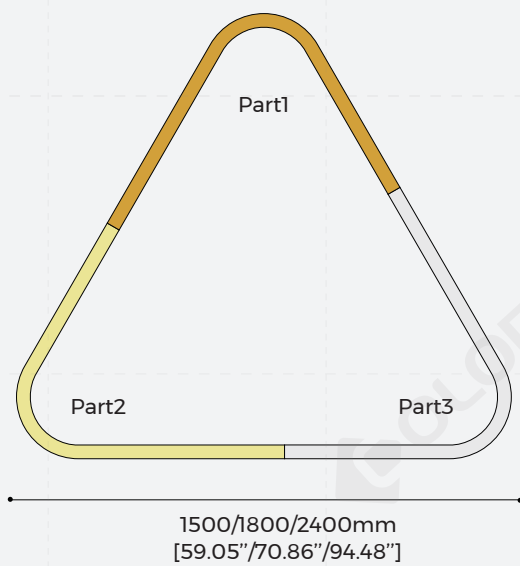
· Material:	AL6063-T5, spraying surface
· Color:	Black/White/Silver/Orange/Blue/Green /Rose gold/Champagne gold
· IP grade:	IP20
· CCT:	2700/3000/3500/4000/5000/6500K optional
· CRI:	>80/>90
· SDCM:	≤3 Step
· Dimming method:	Non-dimming, 1-10V, DALI2+PUSH
· Application:	Indoor
· Installation:	Ceiling/Pendant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

© Product Dimension Information





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



Case 2: For length of side $> 1.2\text{m}$, the lamp is to be divided into parts

© Luminaire Parameters

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
T-CS3570D	Regular	750 [2.46ft]	44	AC200-240V	220	>80	4400	2700K 3000K 3500K 4000K 5000K 6500K
						>90	3784	
		900 [2.95ft]	54	AC200-240V	270	>80	5400	
						>90	4644	
		1200 [3.94ft]	72	AC200-240V	360	>80	7200	
						>90	6192	
		1500 [4.92ft]	78	AC200-240V	390	>80	7800	
						>90	6708	
		1800 [5.91ft]	108	AC200-240V	550	>80	10800	
						>90	9288	
		2400 [7.87ft]	144	AC200-240V	730	>80	14400	
						>90	12384	
	High-Efficiency	750 [2.46ft]	44	AC200-240V	220	>80	5280	
						>90	4541	
		900 [2.95ft]	54	AC200-240V	270	>80	6480	
						>90	5573	
		1200 [3.94ft]	72	AC200-240V	360	>80	8640	
						>90	7430	
		1500 [4.92ft]	78	AC200-240V	390	>80	9360	
						>90	8050	
		1800 [5.91ft]	108	AC200-240V	550	>80	12960	
						>90	11146	
		2400 [7.87ft]	144	AC200-240V	730	>80	17280	
						>90	14861	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
T-CS3570P	Regular	750 [2.46ft]	44	AC200-240V	220	>80	3740	2700K 3000K 3500K 4000K 5000K 6500K
						>90	3216	
		900 [2.95ft]	54	AC200-240V	270	>80	4590	
						>90	3947	
		1200 [3.94ft]	72	AC200-240V	360	>80	6120	
						>90	5263	
		1500 [4.92ft]	78	AC200-240V	390	>80	6630	
						>90	5702	
		1800 [5.91ft]	108	AC200-240V	550	>80	9180	
						>90	7895	
		2400 [7.87ft]	144	AC200-240V	730	>80	12240	
						>90	10526	
	High-Efficiency	750 [2.46ft]	44	AC200-240V	220	>80	4620	
						>90	3973	
		900 [2.95ft]	54	AC200-240V	270	>80	5670	
						>90	4876	
		1200 [3.94ft]	72	AC200-240V	360	>80	7560	
						>90	6502	
		1500 [4.92ft]	78	AC200-240V	390	>80	8190	
						>90	7043	
		1800 [5.91ft]	108	AC200-240V	550	>80	11340	
						>90	9752	
		2400 [7.87ft]	144	AC200-240V	730	>80	15120	
						>90	13003	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
T-CS5070D	Regular	750 [2.46ft]	56	AC200-240V	280	>80	5600	2700K 3000K 3500K 4000K 5000K 6500K
						>90	4816	
		900 [2.95ft]	66	AC200-240V	330	>80	6600	
						>90	5676	
		1200 [3.94ft]	92	AC200-240V	460	>80	9200	
						>90	7912	
		1500 [4.92ft]	115	AC200-240V	580	>80	11500	
						>90	9890	
		1800 [5.91ft]	135	AC200-240V	680	>80	13500	
						>90	11610	
		2400 [7.87ft]	175	AC200-240V	880	>80	17500	
						>90	15050	
	High-Efficiency	750 [2.46ft]	56	AC200-240V	280	>80	6720	
						>90	5779	
		900 [2.95ft]	66	AC200-240V	330	>80	7920	
						>90	6811	
		1200 [3.94ft]	92	AC200-240V	460	>80	11040	
						>90	9494	
		1500 [4.92ft]	115	AC200-240V	580	>80	13800	
						>90	11868	
		1800 [5.91ft]	135	AC200-240V	680	>80	16200	
						>90	13932	
		2400 [7.87ft]	175	AC200-240V	880	>80	21000	
						>90	18060	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
T-CS5070P	Regular	750 [2.46ft]	56	AC200-240V	280	>80	5040	2700K 3000K 3500K 4000K 5000K 6500K
						>90	4334	
		900 [2.95ft]	66	AC200-240V	330	>80	5940	
						>90	5108	
		1200 [3.94ft]	92	AC200-240V	460	>80	8280	
						>90	7121	
		1500 [4.92ft]	115	AC200-240V	580	>80	10350	
						>90	8901	
		1800 [5.91ft]	135	AC200-240V	680	>80	12150	
						>90	10449	
		2400 [7.87ft]	175	AC200-240V	880	>80	15750	
						>90	13545	
	High-Efficiency	750 [2.46ft]	56	AC200-240V	280	>80	5880	
						>90	5057	
		900 [2.95ft]	66	AC200-240V	330	>80	6930	
						>90	5960	
		1200 [3.94ft]	92	AC200-240V	460	>80	9660	
						>90	8308	
		1500 [4.92ft]	115	AC200-240V	580	>80	12075	
						>90	10385	
		1800 [5.91ft]	135	AC200-240V	680	>80	14175	
						>90	12191	
		2400 [7.87ft]	175	AC200-240V	880	>80	18375	
						>90	15803	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
T-CS7070D	Regular	900 [2.95ft]	78	AC200-240V	390	>80	8580	2700K 3000K 3500K 4000K 5000K 6500K
						>90	7379	
		1200 [3.94ft]	116	AC200-240V	590	>80	12760	
						>90	10974	
		1500 [4.92ft]	148	AC200-240V	750	>80	16280	
						>90	14001	
		1800 [5.91ft]	176	AC200-240V	890	>80	19360	
						>90	16650	
		2400 [7.87ft]	235	AC200-240V	1190	>80	25850	
						>90	22231	
	High-Efficiency	900 [2.95ft]	78	AC200-240V	390	>80	10530	
						>90	9056	
		1200 [3.94ft]	116	AC200-240V	590	>80	15660	
						>90	13468	
1500 [4.92ft]		148	AC200-240V	750	>80	19980		
					>90	17183		
1800 [5.91ft]	176	AC200-240V	890	>80	23760			
				>90	20434			
2400 [7.87ft]	235	AC200-240V	1190	>80	31725			
				>90	27284			

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
T-CS7070P	Regular	900 [2.95ft]	78	AC200-240V	390	>80	7800	2700K 3000K 3500K 4000K 5000K 6500K
						>90	6708	
		1200 [3.94ft]	116	AC200-240V	590	>80	11600	
						>90	9976	
		1500 [4.92ft]	148	AC200-240V	750	>80	14800	
						>90	12728	
		1800 [5.91ft]	176	AC200-240V	890	>80	17600	
						>90	15136	
		2400 [7.87ft]	235	AC200-240V	1190	>80	23500	
						>90	20210	
	High-Efficiency	900 [2.95ft]	78	AC200-240V	390	>80	9360	
						>90	8050	
		1200 [3.94ft]	116	AC200-240V	590	>80	13920	
						>90	11971	
1500 [4.92ft]		148	AC200-240V	750	>80	17760		
					>90	15274		
1800 [5.91ft]	176	AC200-240V	890	>80	21120			
				>90	18163			
2400 [7.87ft]	235	AC200-240V	1190	>80	28200			
				>90	24252			

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%	

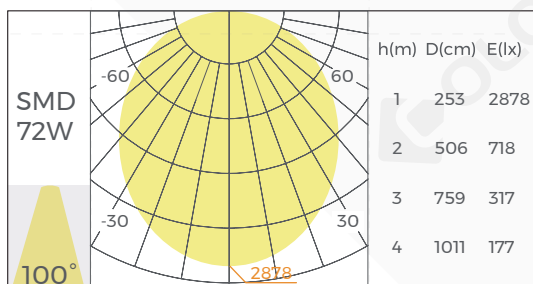
Note: All other lumens are to be based on white coated luminaire with 4000K, RA80(100%), and multiplied by the percentage in the table above.

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

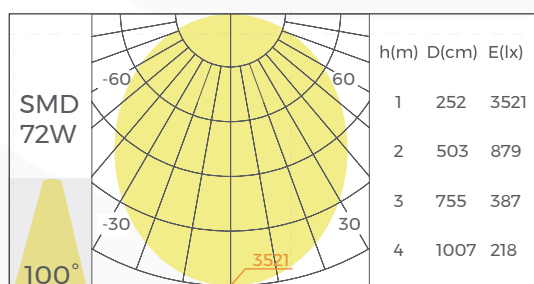
Example 1: If you need 4000K, RA90 lumens (white coated luminaire)	$1000 \times 86\% = 860\text{lm}$
Example 2: If you need 4000K, RA90 lumens (other coated colors of luminaire)	$1000 \times 86\% \times 90\% = 774\text{lm}$
Example 3: If you need 3000K, RA80 lumens (white coated luminaire)	$1000 \times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

【T-CS3570D】



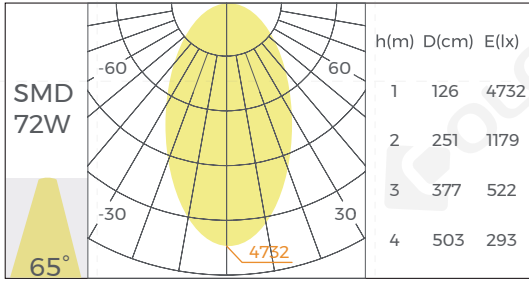
Regular version



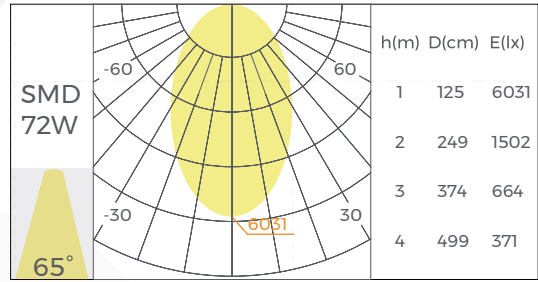
High-efficiency version

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

【T-CS3570P】



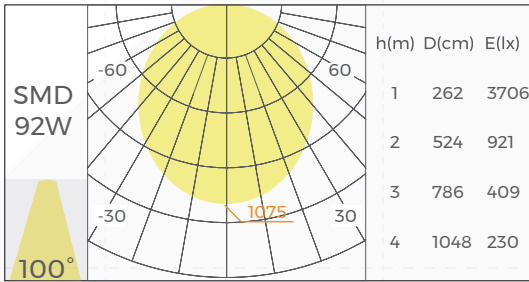
Regular version



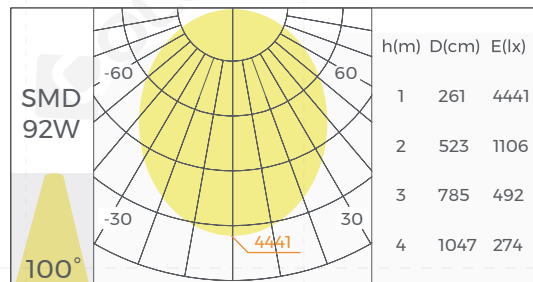
High-efficiency version

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

【T-CS5070D】



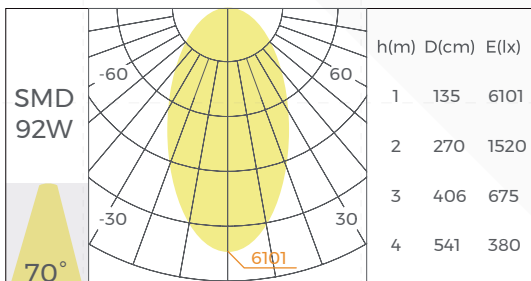
Regular version



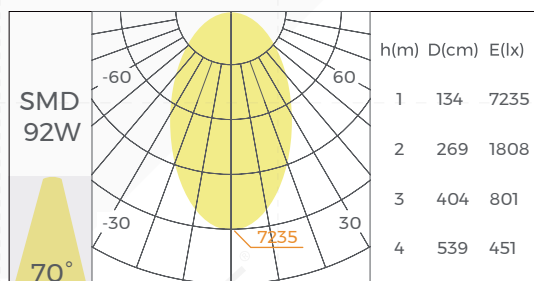
High-efficiency version

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

【T-CS5070P】



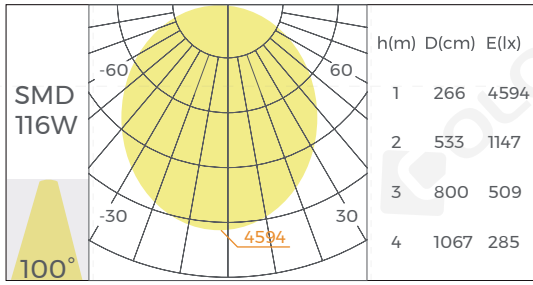
Regular version



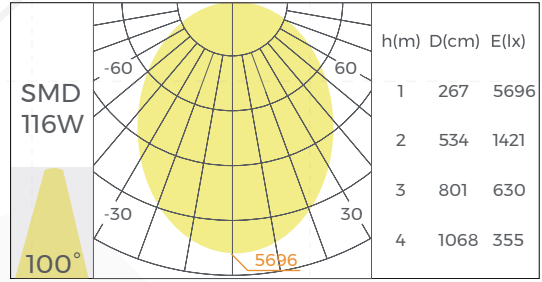
High-efficiency version

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

【T-CS7070D】



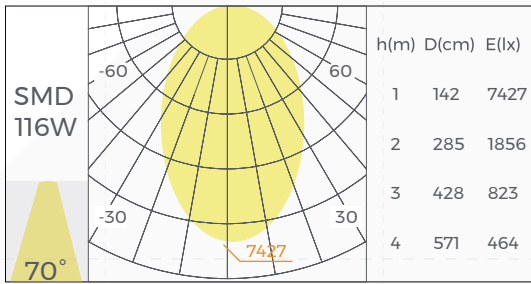
Regular version



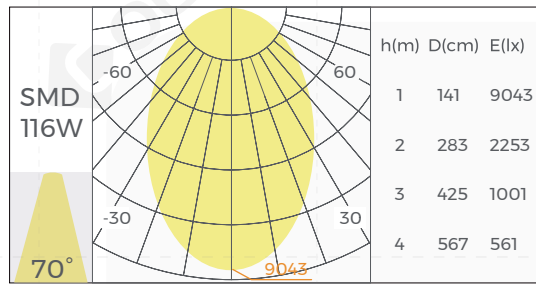
High-efficiency version

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

【T-CS7070P】



Regular version



High-efficiency version

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

◎ Installation

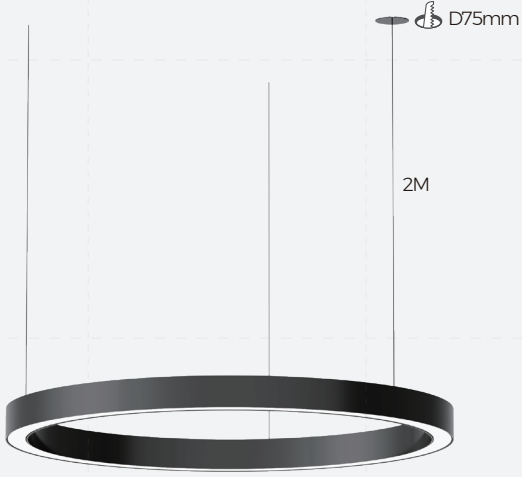
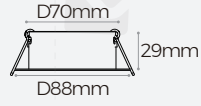
External power supply/Built-in power supply



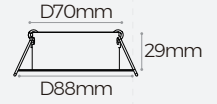
Ceiling

External power supply

For Model:
T-CS3570D
T-CS3570P



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:
T-CS5070D
T-CS5070P
T-CS7070D
T-CS7070P



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

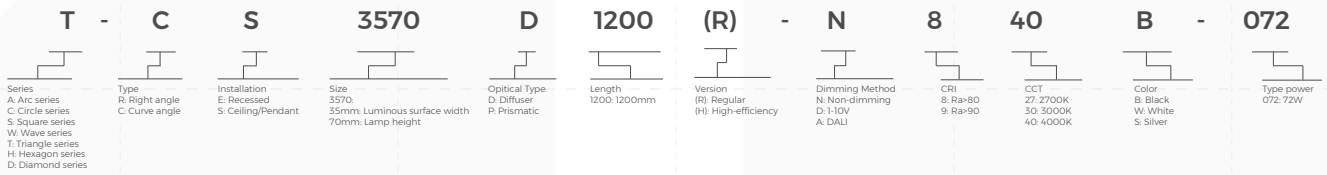
Model	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
T-CS3570D0750(R)-N840W044	4	10.05	12.45	820*770*520 [32.28**30.31**20.47"]
T-CS3570D0900(R)-N840W054	4	12.10	15.30	970*900*520 [38.18**35.43**20.47"]
T-CS3570D1200(R)-N840W072	4	16.20	20.20	1270*1170*520 [50**46.06**20.47"]
T-CS3570D1500(R)-N840W078	2	10.15	12.55	970*650*660 [38.18**25.59**25.98"]
T-CS3570D1800(R)-N840W108	2	12.21	15.01	1120*740*660 [44.09**29.13**25.98"]
T-CS3570D2400(R)-N840W144	2	16.31	19.51	1420*1000*660 [55.90**39.37**25.98"]
T-CS5070D0750(R)-N840W056	4	12.34	14.74	820*770*520 [32.28**30.31**20.47"]
T-CS5070D0900(R)-N840W066	4	14.86	18.06	970*900*520 [38.18**35.43**20.47"]
T-CS5070D1200(R)-N840W092	4	19.90	23.90	1270*1170*520 [50**46.06**20.47"]
T-CS5070D1500(R)-N840W115	2	12.47	14.87	970*650*660 [43.30**25.59**25.98"]
T-CS5070D1800(R)-N840W135	2	14.99	17.79	1120*740*660 [44.09**29.13**25.98"]
T-CS5070D2400(R)-N840W175	2	20.03	23.23	1420*1000*660 [55.90**39.37**25.98"]
T-CS7070D0900(R)-N840W078	4	16.98	19.38	970*900*520 [38.18**35.43**20.47"]
T-CS7070D1200(R)-N840W116	4	22.74	25.94	1270*1170*520 [50**46.06**20.47"]

Model	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
T-CS7070D1500(R)-N840W148	2	14.25	16.25	970*650*660 [43.30"*25.59"*25.98"]
T-CS7070D1800(R)-N840W176	2	17.13	19.93	1120*740*660 [44.09"*29.13"*25.98"]
T-CS7070D2400(R)-N840W235	2	22.89	26.09	1420*1000*660 [55.90"*39.37"*25.98"]

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



©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