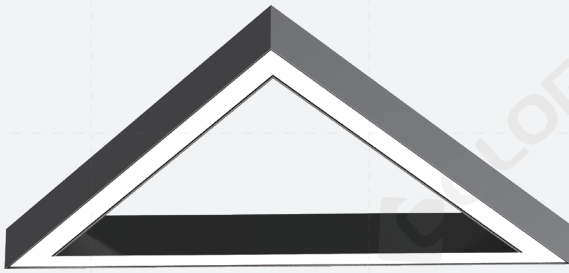


# Infinite System Specification

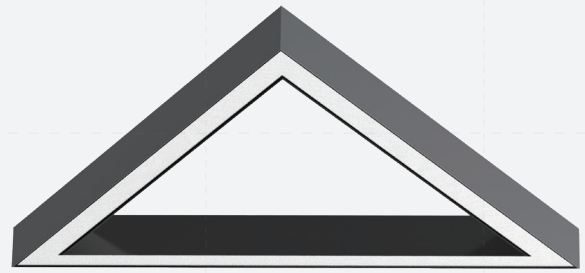
## — Triangle series



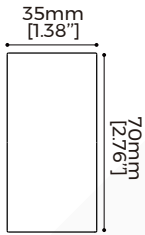
T-RS3570D  
T-RS5070D  
T-RS7070D  
T-RS3570P  
T-RS5070P  
T-RS7070P



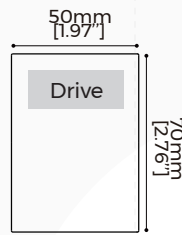
Optical: Diffuser



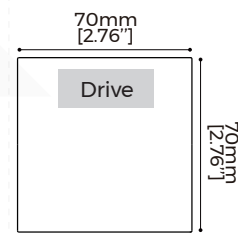
Optical: Prismatic



Model:  
T-RS3570D  
T-RS3570P



Model:  
T-RS5070D  
T-RS5070P



Model:  
T-RS7070D  
T-RS7070P

## © Basic Information

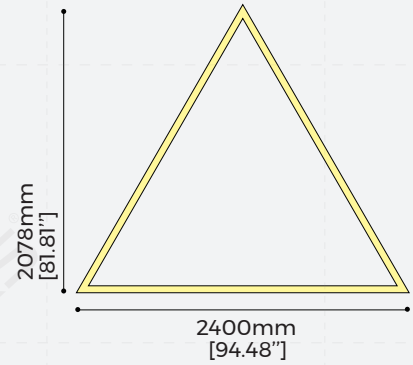
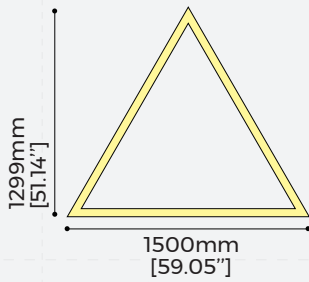
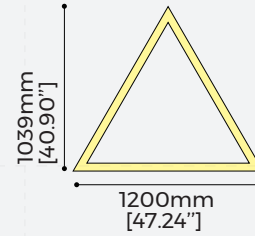
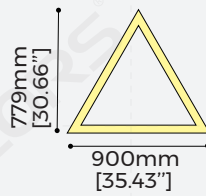
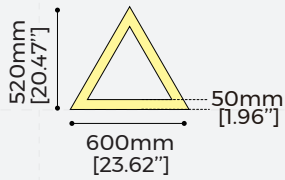
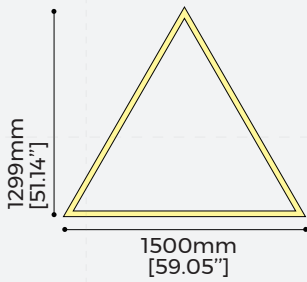
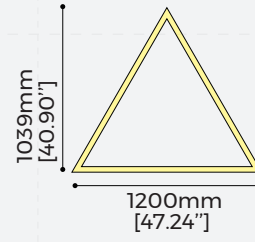
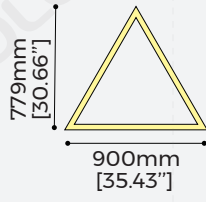
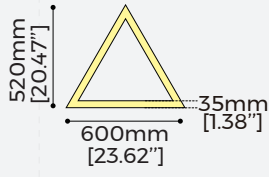
### Light efficiency

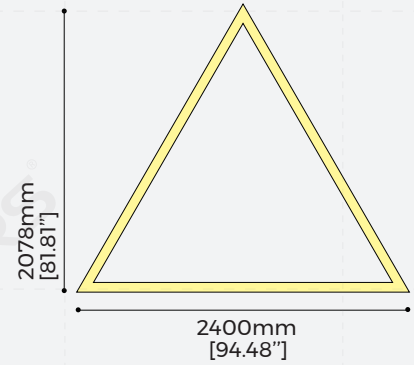
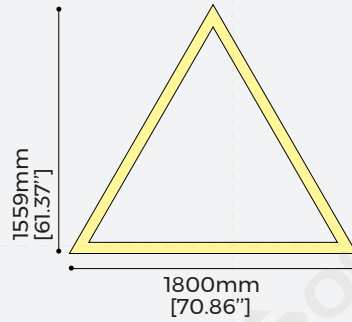
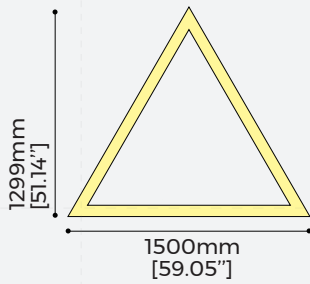
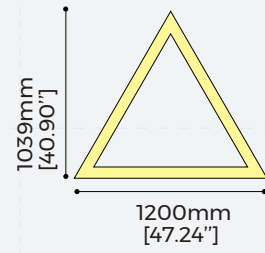
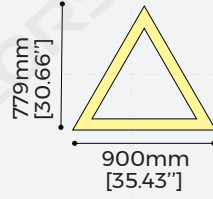
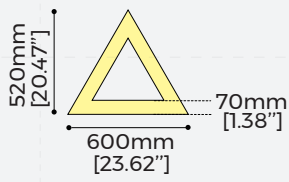
<b>T-RS3570D</b> 100LM/W(Regular), 120LM/W(High-Efficiency)	<b>T-RS3570P</b> 85LM/W(Regular), 105LM/W(High-Efficiency)
<b>T-RS5070D</b> 100LM/W(Regular), 120LM/W(High-Efficiency)	<b>T-RS5070P</b> 90LM/W(Regular), 105LM/W(High-Efficiency)
<b>T-RS7070D</b> 110LM/W(Regular), 135LM/W(High-Efficiency)	<b>T-RS7070P</b> 100LM/W(Regular), 120LM/W(High-Efficiency)

### Common information

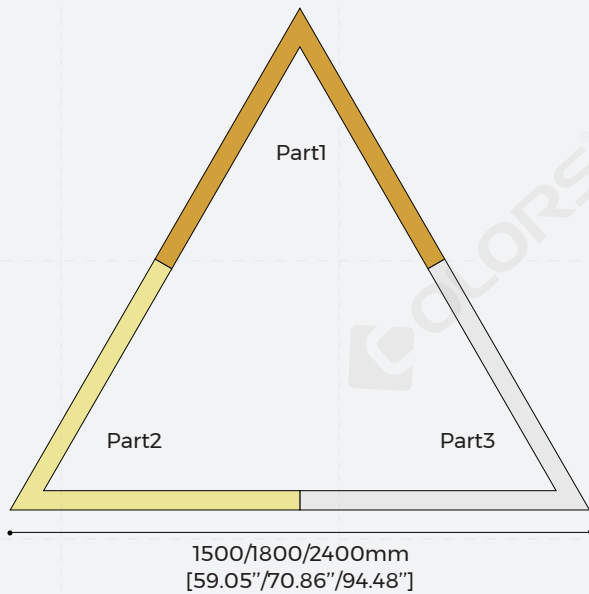
- Material: AL6063-T5, spraying surface
- Color: Black/White/Silver/Orange/Blue/Green /Rose gold/Champagne gold
- Side length: 600/900/1200/1500/1800/2400mm
- IP grade: IP20
- CCT: 2700/3000/3500/4000/5000/6500K
- CRI: >80/>90
- SDCM: ≤3 Step
- Dimming method: Non-dimming, 1-10V, DALI2+PUSH
- Application: Indoor
- Installation: Ceiling/Pendant
- Certification: CE, UKCA, ROHS, REACH, CB, ENEC, ETL, LM-80
- Warranty: 5 years

# © Product Dimension Information





Case 1: For length of sides  $\leq 1200$ mm, the lamp is to be produced as complete unit.



Case 2: For length of side  $> 1200$ mm, 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-RS3570D	Regular	600 [1.97ft]	32	AC200-240V	160	>80	3200	2700K 3000K 3500K 4000K 5000K 6500K
						>90	2752	
		900 [2.95ft]	48	AC200-240V	240	>80	4800	
						>90	4128	
		1200 [3.94ft]	66	AC200-240V	330	>80	6600	
						>90	5676	
		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]	138	AC200-240V	700	>80	13800	
						>90	11868	
	High-Efficiency	600 [1.97ft]	32	AC200-240V	160	>80	3840	
						>90	3302	
		900 [2.95ft]	48	AC200-240V	240	>80	5760	
						>90	4954	
		1200 [3.94ft]	66	AC200-240V	330	>80	7920	
						>90	6811	
		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]	138	AC200-240V	700	>80	16560	
						>90	14242	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
T-RS3570P	Regular	600 [1.97ft]	32	AC200-240V	160	>80	2720	2700K 3000K 3500K 4000K 5000K 6500K
						>90	2339	
		900 [2.95ft]	48	AC200-240V	240	>80	4080	
						>90	3509	
		1200 [3.94ft]	66	AC200-240V	330	>80	5610	
						>90	4825	
		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]	138	AC200-240V	700	>80	11730	
						>90	10088	
	High-Efficiency	600 [1.97ft]	32	AC200-240V	160	>80	3360	
						>90	2890	
		900 [2.95ft]	48	AC200-240V	240	>80	5040	
						>90	4334	
		1200 [3.94ft]	66	AC200-240V	330	>80	6930	
						>90	5960	
		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]	138	AC200-240V	700	>80	14490	
						>90	12461	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
T-RS5070D	Regular	600 [1.97ft]	40	AC200-240V	200	>80	4000	2700K 3000K 3500K 4000K 5000K 6500K
						>90	3440	
		900 [2.95ft]	60	AC200-240V	300	>80	6000	
						>90	5160	
		1200 [3.94ft]	78	AC200-240V	390	>80	7800	
						>90	6708	
	1500 [4.92ft]	108	AC200-240V	550	>80	10800		
					>90	9288		
	1800 [5.91ft]	120	AC200-240V	610	>80	12000		
					>90	10320		
	2400 [7.87ft]	168	AC200-240V	850	>80	16800		
					>90	14448		
	High-Efficiency	600 [1.97ft]	40	AC200-240V	200	>80	4800	
						>90	4128	
900 [2.95ft]		60	AC200-240V	300	>80	7200		
					>90	6192		
1200 [3.94ft]		78	AC200-240V	390	>80	9360		
					>90	8050		
1500 [4.92ft]	108	AC200-240V	550	>80	12960			
				>90	11146			
1800 [5.91ft]	120	AC200-240V	610	>80	14400			
				>90	12384			
2400 [7.87ft]	168	AC200-240V	850	>80	20160			
				>90	17338			

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
T-RS5070P	Regular	600 [1.97ft]	40	AC200-240V	200	>80	3600	2700K 3000K 3500K 4000K 5000K 6500K
						>90	3096	
		900 [2.95ft]	60	AC200-240V	300	>80	5400	
						>90	4644	
		1200 [3.94ft]	78	AC200-240V	390	>80	7020	
						>90	6037	
		1500 [4.92ft]	108	AC200-240V	550	>80	9720	
						>90	8359	
		1800 [5.91ft]	120	AC200-240V	610	>80	10800	
						>90	9288	
		2400 [7.87ft]	168	AC200-240V	850	>80	15120	
						>90	13003	
	High-Efficiency	600 [1.97ft]	40	AC200-240V	200	>80	4200	
						>90	3612	
		900 [2.95ft]	60	AC200-240V	300	>80	6300	
						>90	5418	
		1200 [3.94ft]	78	AC200-240V	390	>80	8190	
						>90	7043	
		1500 [4.92ft]	108	AC200-240V	550	>80	11340	
						>90	9752	
		1800 [5.91ft]	120	AC200-240V	610	>80	12600	
						>90	10836	
		2400 [7.87ft]	168	AC200-240V	850	>80	17640	
						>90	15170	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
T-RS7070D	Regular	600 [1.97ft]	44	AC200-240V	220	>80	4840	2700K 3000K 3500K 4000K 5000K 6500K
						>90	4162	
		900 [2.95ft]	72	AC200-240V	360	>80	7920	
						>90	6811	
		1200 [3.94ft]	108	AC200-240V	550	>80	11880	
						>90	10217	
		1500 [4.92ft]	132	AC200-240V	670	>80	14520	
						>90	12487	
		1800 [5.91ft]	168	AC200-240V	850	>80	18480	
						>90	15893	
		2400 [7.87ft]	216	AC200-240V	1090	>80	23760	
						>90	20434	
	High-Efficiency	600 [1.97ft]	44	AC200-240V	220	>80	5940	
						>90	5108	
		900 [2.95ft]	72	AC200-240V	360	>80	9720	
						>90	8359	
		1200 [3.94ft]	108	AC200-240V	550	>80	14580	
						>90	12539	
		1500 [4.92ft]	132	AC200-240V	670	>80	17820	
						>90	15325	
		1800 [5.91ft]	168	AC200-240V	850	>80	22680	
						>90	19505	
		2400 [7.87ft]	216	AC200-240V	1090	>80	29160	
						>90	25078	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
T-RS7070P	Regular	600 [1.97ft]	44	AC200-240V	220	>80	4400	2700K 3000K 3500K 4000K 5000K 6500K
						>90	3784	
		900 [2.95ft]	72	AC200-240V	360	>80	7200	
						>90	6192	
		1200 [3.94ft]	108	AC200-240V	550	>80	10800	
						>90	9288	
		1500 [4.92ft]	132	AC200-240V	670	>80	13200	
						>90	11352	
		1800 [5.91ft]	168	AC200-240V	850	>80	16800	
						>90	14448	
		2400 [7.87ft]	216	AC200-240V	1090	>80	21600	
						>90	18576	
	High-Efficiency	600 [1.97ft]	44	AC200-240V	220	>80	5280	
						>90	4541	
		900 [2.95ft]	72	AC200-240V	360	>80	8640	
						>90	7430	
		1200 [3.94ft]	108	AC200-240V	550	>80	12960	
						>90	11146	
		1500 [4.92ft]	132	AC200-240V	670	>80	15840	
						>90	13622	
		1800 [5.91ft]	168	AC200-240V	850	>80	20160	
						>90	17338	
		2400 [7.87ft]	216	AC200-240V	1090	>80	25920	
						>90	22291	

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%	

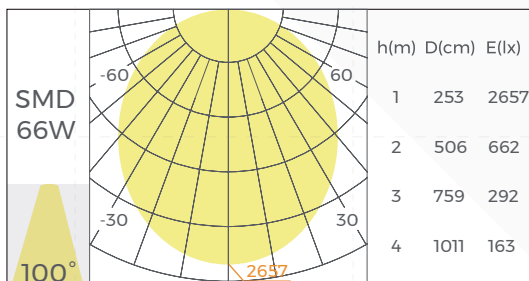
Note: All other lumens are to be based on white coated luminaire with 4000K, RA80(100%), and multiplied by the percentage in the table above.

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

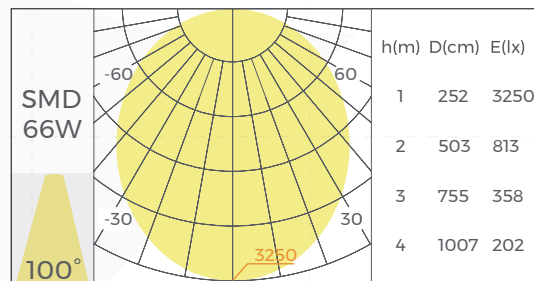
Example 1: If you need 4000K, RA90 lumens (white coated luminaire)	$1000 \times 86\% = 860\text{lm}$
Example 2: If you need 4000K, RA90 lumens (other coated colors of luminaire)	$1000 \times 86\% \times 90\% = 774\text{lm}$
Example 3: If you need 3000K, RA80 lumens (white coated luminaire)	$1000 \times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



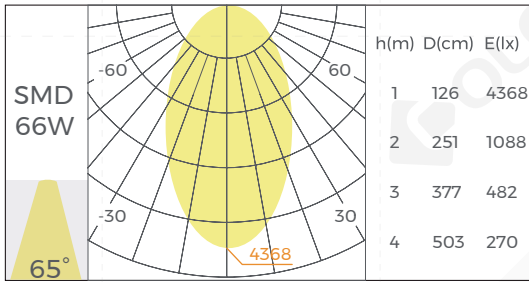
Regular version



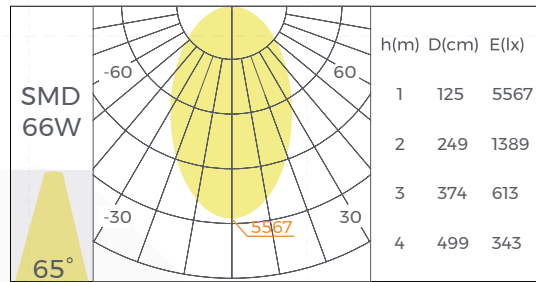
High-efficiency version

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

**【T-RS3570P】**



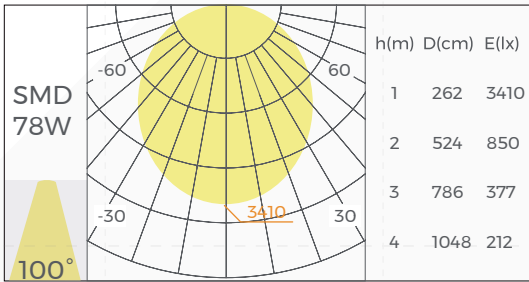
Regular version



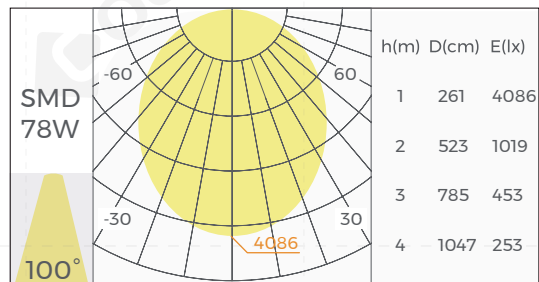
High-efficiency version

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

**【T-RS5070D】**



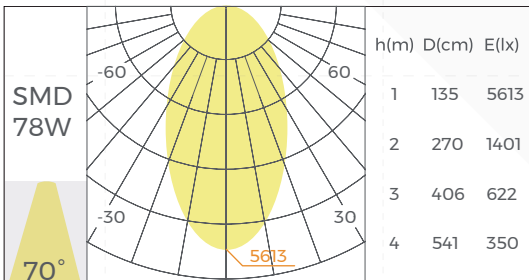
Regular version



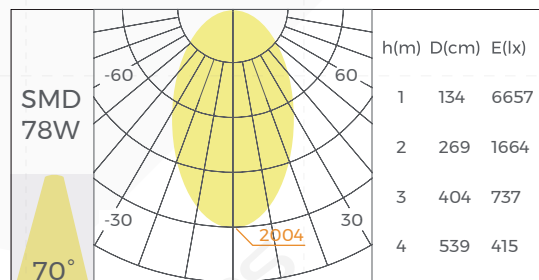
High-efficiency version

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

**【T-RS5070P】**



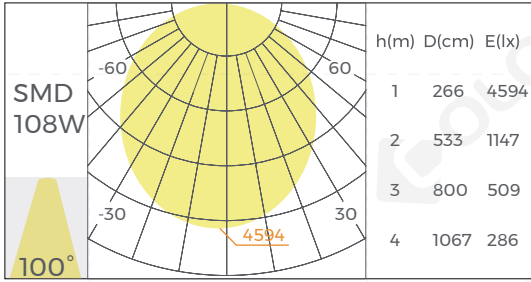
Regular version



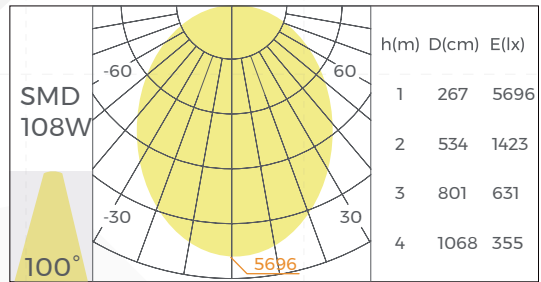
High-efficiency version

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

**【T-RS7070D】**



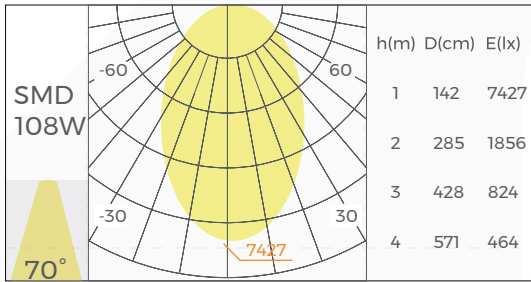
Regular version



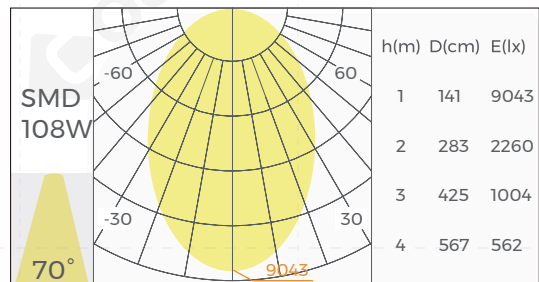
High-efficiency version

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

**【T-RS7070P】**



Regular version



High-efficiency version

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

**© Installation**

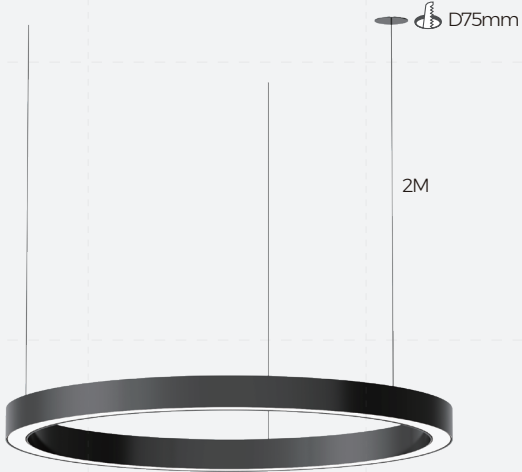
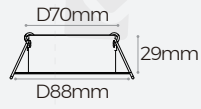
External power supply/Built-in power supply



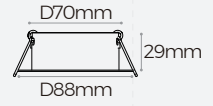
Ceiling

# External power supply

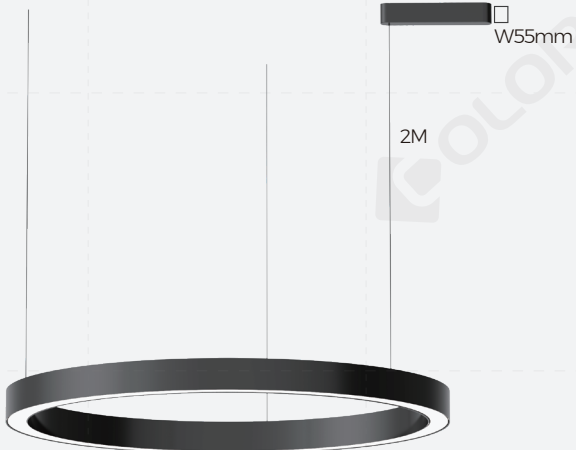
For Model:  
T-RS3570D  
T-RS3570P



**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:  
T-RS5070D  
T-RS5070P  
T-RS7070D  
T-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)
T-RS3570D0600(R)-N840W032	4	8.21	10.61	670*570*520 [26.37**22.44**20.47"]
T-RS3570D0900(R)-N840W048	4	12.31	15.51	970*850*520 [38.18**33.46**20.47"]
T-RS3570D1200(R)-N840W066	4	16.42	20.42	1270*1100*520 [50**43.30**20.47"]
T-RS3570D1500(R)-N840W078	2	10.26	12.66	970*650*660 [43.30**25.59**25.98"]
T-RS3570D1800(R)-N840W108	2	12.31	15.11	1120*740*660 [44.09**29.13**25.98"]
T-RS3570D2400(R)-N840W138	2	16.42	19.62	1420*1000*660 [55.90**39.37**25.98"]
T-RS5070D0600(R)-N840W040	4	10.08	12.48	670*570*520 [26.37**22.44**20.47"]
T-RS5070D0900(R)-N840W060	4	15.12	18.32	970*850*520 [38.18**33.46**20.47"]
T-RS5070D1200(R)-N840W078	4	20.16	24.16	1270*1100*520 [50**43.30**20.47"]
T-RS5070D1500(R)-N840W108	2	12.60	15.00	970*650*660 [43.30**25.59**25.98"]
T-RS5070D1800(R)-N840W120	2	15.12	17.92	1120*740*660 [44.09**29.13**25.98"]
T-RS5070D2400(R)-N840W168	2	20.16	23.36	1420*1000*660 [55.90**39.37**25.98"]
T-RS7070D0600(R)-N840W044	4	11.52	13.92	670*570*520 [26.37**22.44**20.47"]
T-RS7070D0900(R)-N840W072	4	17.28	20.48	970*850*520 [38.18**33.46**20.47"]
T-RS7070D1200(R)-N840W108	4	23.04	27.04	1270*1100*520 [50**43.30**20.47"]

Model	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
T-RS7070D1500(R)-N840W132	2	14.40	16.80	970*650*660 [43.30"*25.59"*25.98"]
T-RS7070D1800(R)-N840W168	2	17.28	20.08	1120*740*660 [44.09"*29.13"*25.98"]
T-RS7070D2400(R)-N840W216	2	23.04	26.24	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