

Infinite System Specification

— Triangle series



T-RS3570D

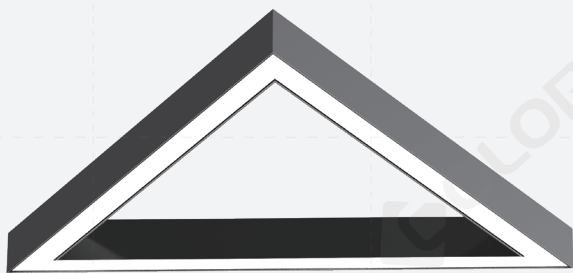
T-RS5070D

T-RS7070D

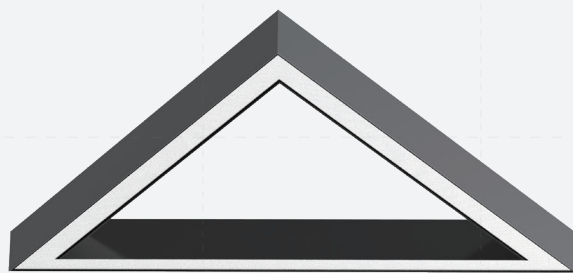
T-RS3570P

T-RS5070P

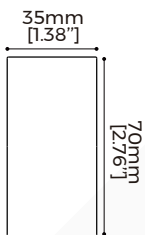
T-RS7070P



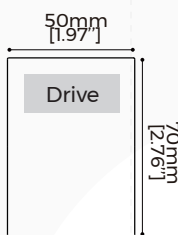
Optical: Diffuser



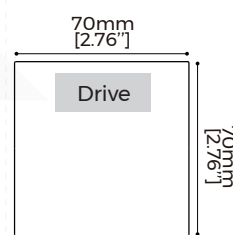
Optical: Prismatic



Model:
T-RS3570D
T-RS3570P



Model:
T-RS5070D
T-RS5070P



Model:
T-RS7070D
T-RS7070P

© Basic Information

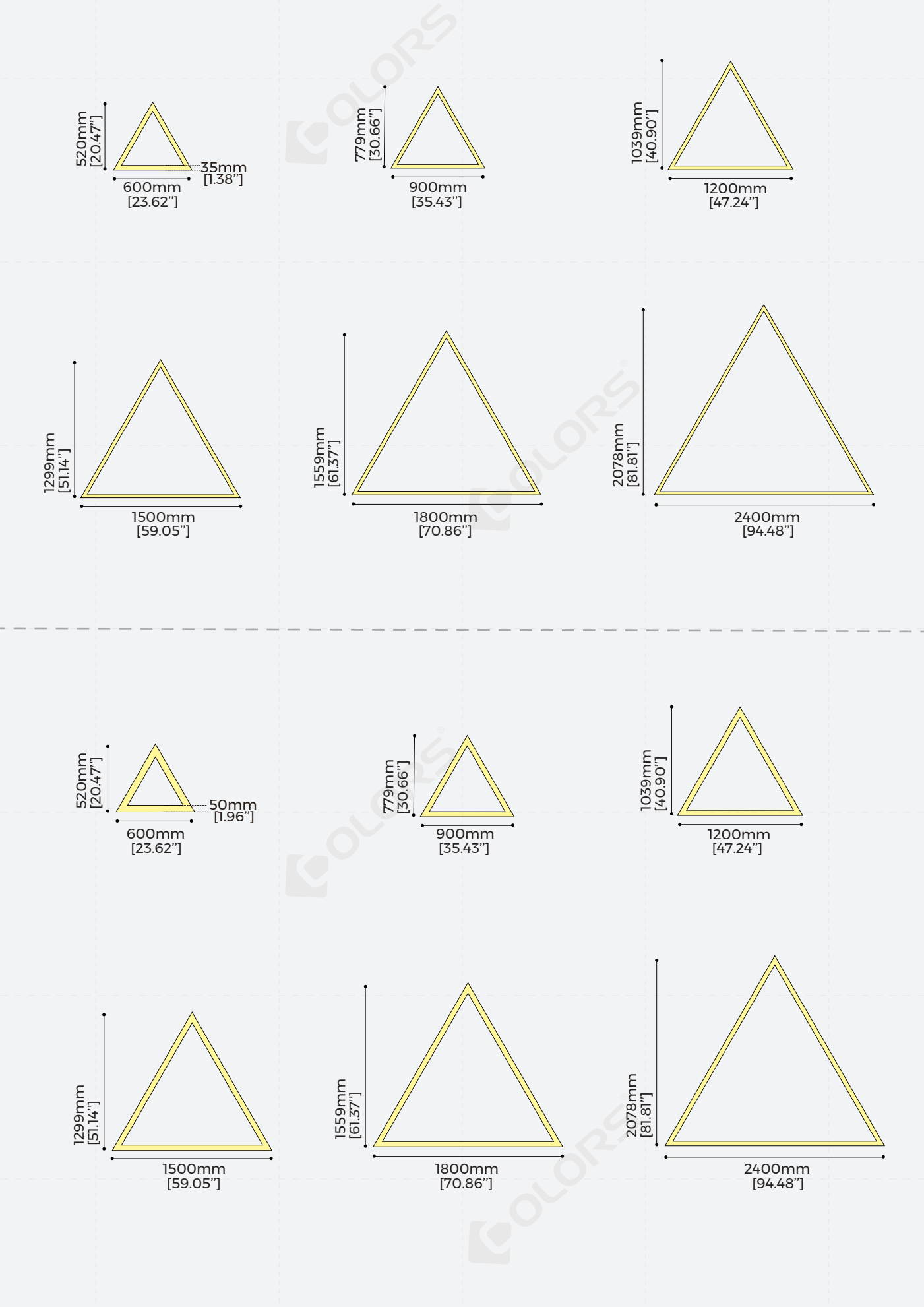
Light efficiency

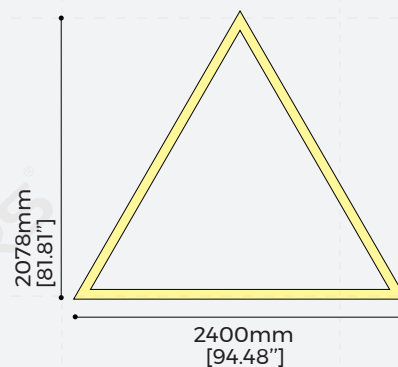
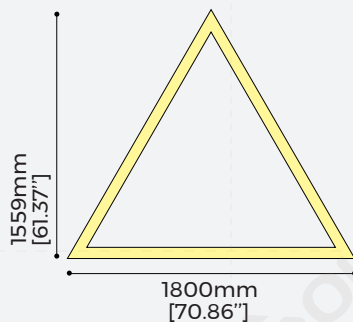
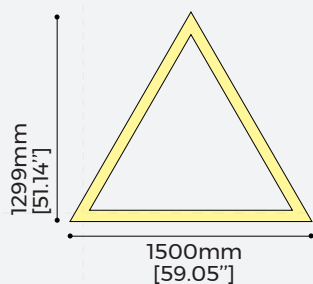
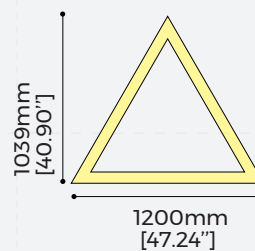
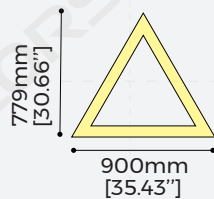
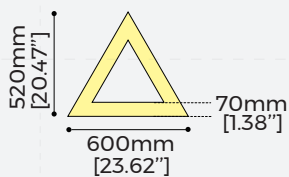
T-RS3570D 100LM/W(Regular), 120LM/W(High-Efficiency)	T-RS3570P 85LM/W(Regular), 105LM/W(High-Efficiency)
T-RS5070D 100LM/W(Regular), 120LM/W(High-Efficiency)	T-RS5070P 90LM/W(Regular), 105LM/W(High-Efficiency)
T-RS7070D 110LM/W(Regular), 135LM/W(High-Efficiency)	T-RS7070P 100LM/W(Regular), 120LM/W(High-Efficiency)

Common information

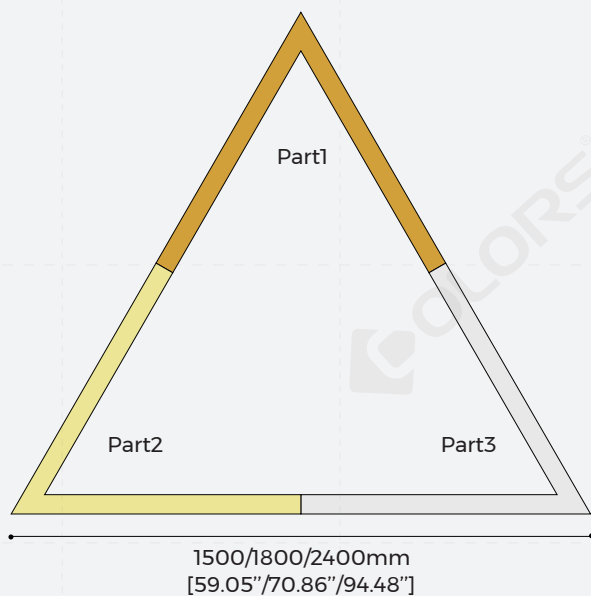
· Material:	AL6063-T5, spraying surface
· Color:	Black/White/Silver/Orange/Blue/Green /Rose gold/Champagne gold
· Side length:	600/900/1200/1500/1800/2400mm
· IP grade:	IP20
· CCT:	2700/3000/3500/4000/5000/6500K
· CRI:	>80/>90
· SDCM:	≤3 Step
· Dimming method:	Non-dimming, 1-10V, DALI2+PUSH
· Application:	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 side $\leq 1200\text{mm}$, the lamp is to be produced as complete unit.



Case 2: For length of side $> 1200\text{mm}$, 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%	

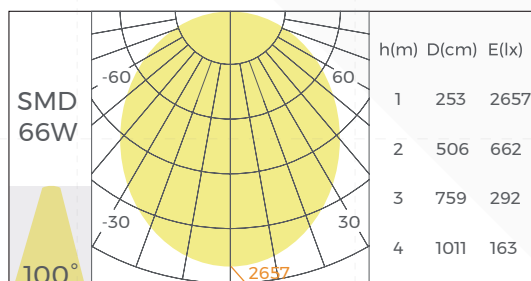
Note: All other lumens are to be based on white coated luminaire with 4000K, RA80(100%); and multiplied by the percentage in the table above.

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

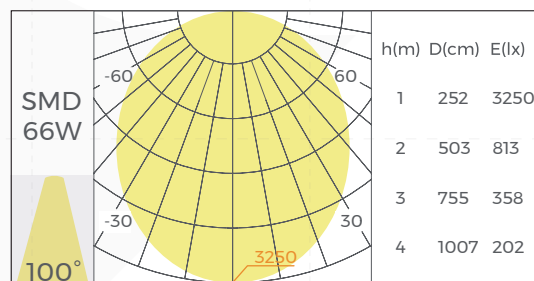
Example 1: If you need 4000K, RA90 lumens (white coated luminaire)	$1000 \times 86\% = 860\text{lm}$
Example 2: If you need 4000K, RA90 lumens (other coated colors of luminaire)	$1000 \times 86\% \times 90\% = 774\text{lm}$
Example 3: If you need 3000K, RA80 lumens (white coated luminaire)	$1000 \times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



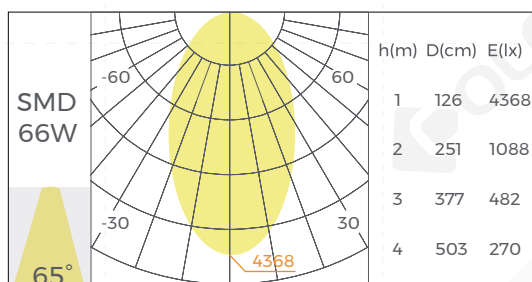
Regular version



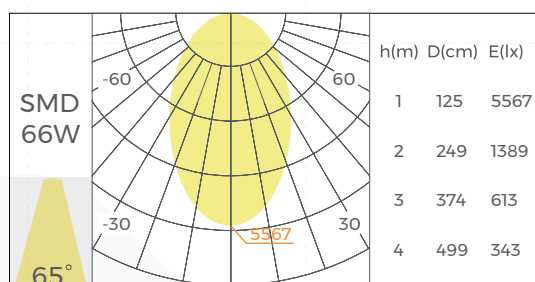
High-efficiency version

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

【T-RS3570P】



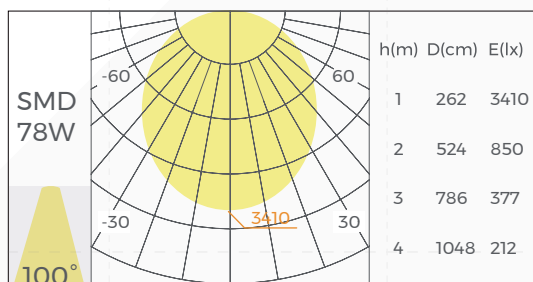
Regular version



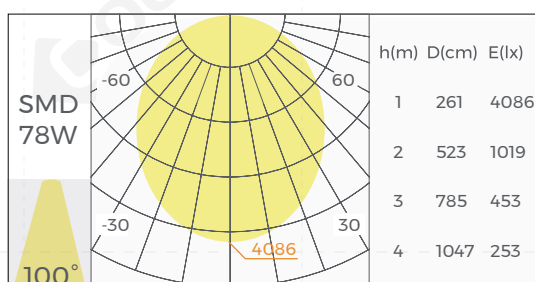
High-efficiency version

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

【T-RS5070D】



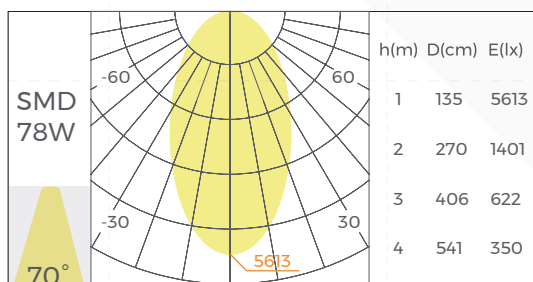
Regular version



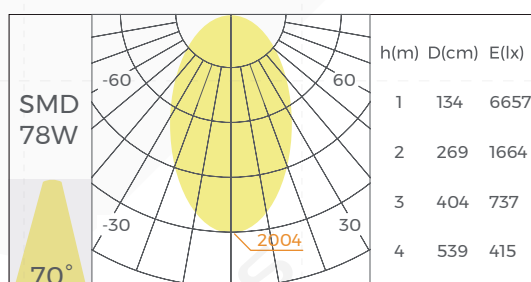
High-efficiency version

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

【T-RS5070P】



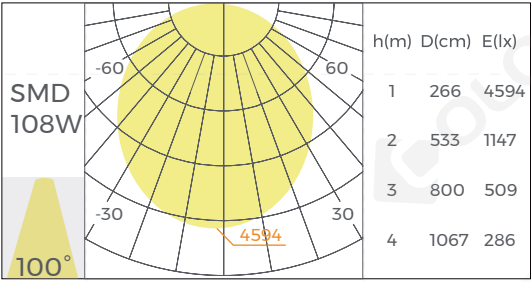
Regular version



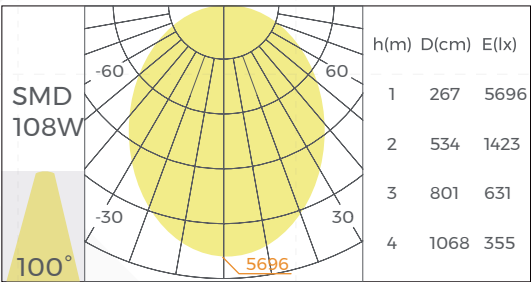
High-efficiency version

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

【T-RS7070D】



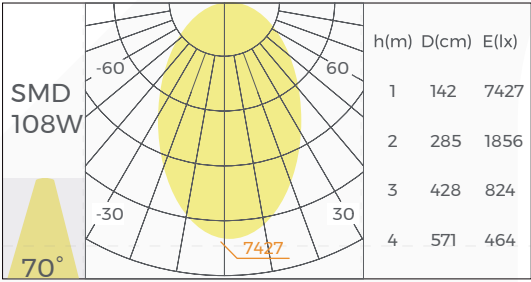
Regular version



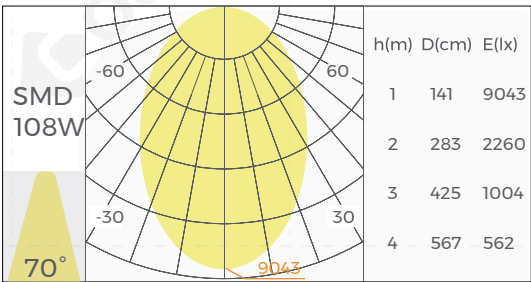
High-efficiency version

*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:

1. Lamps packaged without inner box, directly use the outer box.
2. 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.
3. The above weight data is for reference, the exact data should be based on the weight of the physical weighing shall prevail.

Model Code

T	-	R	S	3570	D	1200	(R)	-	N	8	40	B	-	066
														
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	Length 1200: 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 066: 66W

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