

# Comparison Chart

: Photo Dynamic Monolights



TR PLUS Monolight



MJ Monolight



VA Pro Monolight



VA Lite Monolight



ST Monolight



DMW Monolight

	TR PLUS Monolight					MJ Monolight					VA Pro Monolight					VA Lite Monolight		ST Monolight		DMW Monolight			
Performance																							
Safety																							
Convenience																							
Model	TR Plus400	TR Plus600	TR Plus800	TR Plus1000	TR Plus1200	MJ400	MJ600	MJ800	MJ1000	MJ1200	VA400	VA600	VA800	VA1000	VA1200	VA400	VA600	ST400	ST600	DMW200	DMW400	DMW600	
Energy (Ws/J)	400	600	800	1000	1200	400	600	800	1000	1200	400	600	800	1000	1200	400	600	400	600	200	400	600	
F-Stop (1m)	6.9-63.9	7.5-64.5	8-90	8.4-90.4	8.7-90.8	6.9-63.9	8.5-64.5	8-90	8.4-90.4	8.7-90.8	6.9-63.9	8.5-64.5	8-90	8.4-90.4	8.7-90.8	6.9-63.9	8.5-64.5	7.9-63.9	7.9-64.5	5.67-45.7	7.9-63.9	8.5-64.5	
Power Range	7 f-stops (63 steps)					7 f-stops (63 steps)					7 f-stops (63 steps)					7 f-stops (63 steps)		6 f-stops (61 steps)		5 f-stops (41 steps)			
Power Range Ws	2-400	5-600	11-800	15-1000	20-1200	2-400	5-600	11-800	15-1000	20-1200	2-400	5-600	11-800	15-1000	20-1200	2-400	5-600	20-400	25-600	16-200	20-400	25-600	
Power Increments in F-stop	by 0.1 step					by 0.1 step					by 0.1 step AND by 1 step					by 0.1 step		by 0.1 step		by 0.1 step			
Flash Duration	1/2632	1/2381	1/2273	1/1923	1/1724	1/2632	1/2381	1/2273	1/1923	1/1724	1/2632	1/2381	1/2273	1/1923	1/1724	1/2632	1/2381	1/2642	1/2381	1/2000	1/1900	1/1700	
Recycling Time 220V (sec)	0.08-0.9	0.09-1.0	0.1-1.1	0.1-1.2	0.1-1.3	0.08-0.9	0.09-1.0	0.1-1.1	0.1-1.2	0.1-1.3	0.08-0.9	0.09-1.0	0.1-1.1	0.1-1.2	0.1-1.3	0.2-1.2	0.2-1.4	0.25-2.82	0.26-2.85	0.25-2.6	0.25-2.7	0.25-2.9	
Recycling Time 110V (sec)	0.2-1.2	0.2-1.4	0.2-1.4	0.2-1.4	0.2-1.4	0.2-1.2	0.2-1.4	0.2-1.4	0.2-1.4	0.2-1.4	0.2-1.2	0.2-1.4	0.2-1.4	0.2-1.4	0.2-1.4	0.2-1.2	0.2-1.4	N/A	N/A	N/A	N/A	N/A	
Color Temp. in °K	5500(±200)					5500(±200)					5500(±200)					5500(±200)		5500(±200)		5500(±200)			
Output Tolerance	± 0.1%					± 0.1%					± 0.1%					± 0.1%		± 0.15%		± 0.17%			
Voltage	AC 220V 50/60Hz or AC 110V 50/60Hz					AC 220V 50/60Hz or AC 110V 50/60Hz					AC 220V 50/60Hz or AC 110V 50/60Hz					AC 220V 50/60Hz or AC 110V 50/60Hz		AC 220V 50/60Hz		AC 220V 50/60Hz			
Modeling Lamp Mode	On, Off, Prop, Free, Dimmer					On, Off, Prop, Free, Dimmer					On, Off, Prop, Free, Dimmer					On, Off, Prop, Free, Dimmer		On, Off, Free, Dimmer		On, Off, Free, Dimmer			
Modeling Lamp Mode(W/S)-220V	1,000W / (100-1,000)W					1,000W / (100-1,000)W					1,000W / (100-1,000)W					1,000W / (100-1,000)W		100W		100W			
Modeling Lamp Mode(W/S)-110V	300W / (100-300)W					300W / (100-300)W					300W / (100-300)W					300W / (100-300)W		N/A		N/A			
Ready Indication	Sound(Beep), Dimmer(modeling light), LED light(Display panel)					Sound(Beep), Dimmer(modeling light), LED light(Display panel)					Sound(Beep), Dimmer(modeling light)					Sound(Beep), Dimmer(modeling light)		Sound(Beep), Dimmer(modeling light)		Dimmer(modeling light)			
Triggering	1. Built in RF reception Antenna and Synccue2(Transmitter) 2. Test button 3. Photo Cell 4. Sync cord					1. Test button 2. Photo Cell 3. Sync cord					1. Test button 2. Photo Cell 3. Sync cord					1. Test button 2. Photo Cell 3. Sync cord		1. Test button 2. Photo Cell 3. Sync cord		1. Test button 2. Photo Cell 3. Sync cord			
Sync Voltage	5V (compatible with all cameras)					5V (compatible with all cameras)					5V (compatible with all cameras)					5V (compatible with all cameras)		5V (compatible with all cameras)		5V (compatible with all cameras)			
Fan Cooled	Yes (3min. Auto cooling & 4 step A.I. cooling system)					Yes (4 step A.I. cooling system)					Yes (4 step A.I. cooling system)					Yes		Yes		No (Optional)			
Dimensions	249x122x123	289x122x123	324x122x123			249x122x123	289x122x123	324x122x123			249x122x123	289x122x123	324x122x123			249x122x123		225x122x123		190x122x123	230x122x123		
Weight	2.8	3	3.3	3.75	4	2.8	3	3.3	3.75	4	2.8	3	3.3	3.75	4	2.8	3	2.2	2.43	1.5	2	2.3	
Supplied with	Protective cap, Spare fuse, Halogen Lamp, Power cord, Manual					Protective cap, Spare fuse, Halogen Lamp, Power cord, Manual					Protective cap, Spare fuse, Halogen Lamp, Power cord, Manual					Protective cap, Spare fuse, Halogen Lamp, Power cord, Manual		Protective cap, Spare fuse, Krypton Lamp, Power cord, Manual		Protective cap, Spare fuse, Krypton Lamp, Power cord, Manual			
Angel Light	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Boom Light	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○						
Wedding Light																○	○	○	○	○	○	○	○