

TTL SPEEDLITE SPECIFICATION & PRICE COMPARISON

TTL Speedlites

Manufacturer	Pixapro	Canon	Nikon	Nissin	Metz
Model	Li-Ion580 E TTL / ITTL	600EX-RT	SB910	Di-866 Mark II	Mecablitz 58 AF-2
Guide Number	58m (ISO 100, 105mm Zoom)	60m (ISO 100, 200mm Zoom)	34m (ISO 100, 35mm in FX Mode)	60m (ISO 100, 105mm Zoom)	58m (ISO100, 105mm Zoom)
Exposure Control System	TTL Auto Flash, Manual Flash	E-TTLII/E-TTL/TTL, Manual Flash	i-TTL	TTL Auto Flash, Manual Flash	TTL Auto Flash, Manual Flash
Recycling Time	Approx. 1.5 Seconds at Full Power	Approx. 3.3 sec	Approx. 2.3-4.5 sec	Approx. 0.1-5.5 sec	Not Specified
Flash Duration	1/300 to 1/20,000 second	Normal: 1.8ms or less Quick flash: 2.3ms or less	1/880 - 1/38,500	1/300-1/30000 sec	1/125 - 1/33000 sec
Power Range	8-Stops (1/1 to 1/128) in 1/3 Stop Increments	8-Stops (1/1 to 1/128) in 1/3 Stop Increments	8-Stops (1/1 to 1/128) in 1/3 Stop Increments	8-Stops (1/1 to 1/128)	9-Stops (1/1 - 1/256)
Flash Coverage	24mm-105mm (14mm with Wide Diffuser)	20mm-200mm (14mm with Wide Diffuser)	17mm-200mm	24-105mm (18mm with Wide Diffuser)	24 mm - 1 05 mm
Multi-Flash Mode	1 to 100Hz between 2 to 100 Flashes	1-500Hz (199Hz using optical slave function)	Not specified	Frequency 90Hz, 1-90 times, Power 1/8-1/128	Not Specified
High Speed Sync	Yes Up to 1/8000 Second	Yes Up to 1/8000 Second	Yes Up to 1/8000 Second	Yes Up to 1/8000 Second	Yes Up to 1/8000 Second
Battery Type	Lithium Ion Polymer	4x AA Batteries	4x AA Batteries	4x AA Batteries	4x AA Batteries
Slave Modes	Wireless TTL Master / Slave Slave. S1 S2 Off	Wireless TTL Master / Slave	Wireless TTL Master / Slave	Digital Slave, Wireless TTL Master	Wireless TTL Master / Slave
Controllable Slave Groups	3 (A, B, and C)	3 (A, B, and C)	3 (A, B, and C)	3 (A, B, and C)	3 Groups
Dimension	190mm x 76mm x 64mm	79.7mm x 142.9mm x 125.4mm	79 x 145 x 113 mm	180 x 70 x 60 mm	71.0 x 148.0 x 99.0 mm
Weight	420g Without Battery 540g With Battery	425g	420g	380g	355 g
Price	£159.99	Around £449.00	Around £339.00	Around £199.00	Around £249.99