

Specifications

Speedlite 580EX



Flash

Compatible Cameras	E-TTL operation with all EOS digital SLRs; PowerShot G2, G3, G5, G6, and Pro1; and the following EOS film cameras -- EOS-1v, EOS-3, Elan 7N series, Elan 7 series, Elan II series, Rebel T2, Ti, K2, GII, G. TTL operation with all other 35mm EOS SLRs, and Canon T90
Guide Number	190 (at ISO 100, feet) / 58 (meters); flash head at 105mm zoom setting
Flash Coverage	Flash head zooms automatically to cover 24mm to 105mm lenses (with a full-frame 35mm camera); Automatic adjustment for lens conversion factor with EOS-1D Mark II and EOS 20D (camera requires firmware upgrade) Wide-angle pull-down panel allows coverage with lenses as wide as 14mm (on a full-frame camera) -- full coverage not possible on EF15mm f/2.8 fisheye lens.
Number of Flashes	Approx. 100 to 700, with fresh AA-size alkaline batteries.
Recycling Time	Approx. 0.1 to 6 seconds, with fresh AA-size alkaline batteries
Flash Range	(At ISO 100, with 50mm f/1.4 lens at f/1.4) -- Approx. 1.6 to 98 feet / 0.5 to 30m
AF Assist Beam	Built-in; covers all focus points in EOS cameras with 1, 3, 5, 7, 9, or 45 AF points; Distance range -- 2 to 32.8 feet (0.6 to 10m) at center; 2 to 16.4 feet (0.6 to 5m) at periphery
Custom Functions	Fourteen speedlite Custom Functions built-in; set on speedlite's LCD panel

General

Power Source	Four AA-size batteries -- alkaline, lithium, or rechargeable Ni-MH usable
External Power Source	External power supply -- compatible with Canon battery pack CP-E3, CP-E2, and Transistor Pack E
Dimensions	3.0 x 5.3 x 4.5inches / 76 x 134 x 114mm
Weight	13.2 oz / 375g, without batteries (4 AA alkaline batteries add 3.5 oz. / 100g)