

Light Source Comparison Table

*All shots taken with the Canon EOS 5D Mark II, 100mm Macro Lens unless otherwise mentioned

* Shot Information = ISO, Shutter Speed, (F metered) F set, image number, additional notes

| Light Source | Distance from End of Lens to Subject | | | | | | | | |
|---|--|---|---|---|---|--|---|--|--|
| | 6 in | 1 ft | 2 ft | 3 ft | 5 ft | 8 ft | 10 ft | 10 ft | 10 ft |
| Overhead Fluorescent Room Light | ISO 800, 1/125, f2.8, IMG_0066, IMG_0076, IMG_0066 | ISO 800, 1/125, f2.8, IMG_0068, IMG_0077 | ISO 800, 1/125, f2.8, IMG_0071, IMG_0078 | ISO 800, 1/125, f2.8, IMG_0072, IMG_0079 | ISO 800, 1/125, f2.8, IMG_0073, IMG_0080 | ISO 800, 1/125, f2.8, IMG_0074, IMG_0081 | ISO 800, 1/125, f2.8, IMG_0075, IMG_0082 | not done | not done |
| 3 Point Lighting | ISO 400, 1/125, f11, IMG_0085 | ISO 400, 1/125, f11, IMG_0087 | ISO 400, 1/125, f11, IMG_0088 | ISO 400, 1/125, f11, IMG_0089 | ISO 400, 1/125, f11, IMG_0090 | ISO 400, 1/125, f11, IMG_0091 | ISO 400, 1/125, f11, IMG_0092 | not done | not done |
| AlienBees ABR800, all shots at 1/32 power | ISO 100, 1/125, (f22)f22, IMG_0098 | ISO 100, 1/125,(f16.3) f16, IMG_0100 | ISO 100, 1/125,(f8.03) f8, IMG_0105 | ISO 100, 1/125, f(6.6)f6.3, IMG_0110 | ISO 100, 1/125, f(4.03)f4.0, IMG_0113 | ISO 100, 1/125, f(2.82)f2.8, IMG_0115 | ISO 100, 1/125, f(2.80)f2.8, IMG_0118 | ISO 100, 1/125, f(11.7)f11, IMG_0120, Flash full power | ISO 100, 1/125, f(11.7)f13, IMG_0121, Flash full power |
| Litepanels Ringlite Mini, dial to full power | ISO 800, 1/125, (f8.07)f8.0, IMG_0151 | ISO 800, 1/125, (f8.02)f8.0, IMG_0152 | ISO 800, 1/125, (f4.09)f4.0, IMG_0153 | ISO 800, 1/125, (f2.87)f2.8 IMG_0154 | ISO 800, 1/125, (f2.84)f2.8 IMG_0155 | ISO 800, 1/125, (f2.82)f2.8 IMG_0156 | ISO 800, 1/125, (f2.82)f2.8 IMG_0157 | not done | not done |
| Litepanels MicroPro | ISO 800, 1/125, (f8.0)f8.0, IMG_0242 | ISO 800, 1/125, (f5.63)f5.6, IMG_0244, light angle adjusted | ISO 800, 1/125, (f4.05)f4.0, IMG_0246, light angle adjusted | ISO 800, 1/125, (f2.89)f2.8, IMG_0247, light angle adjusted | ISO 800, 1/125, (f2.86)f2.8, IMG_0248, light angle adjusted | ISO 800, 1/125, (f2.83)f2.8, IMG_0249, light angle adjusted | ISO 800, 1/125, (f2.81)f2.8, IMG_0250, light angle adjusted | not done | not done |
| Litepanels MicroPro with Diffuser | ISO 800, 1/125, (f5.61)f5.6, IMG_0241 | ISO 800, 1/125, (f4.02)f4.0, IMG_0243, light angle adjusted | ISO 800, 1/125, (f2.88)f2.8, IMG_0245, light angle adjusted | not done | not done | not done | not done | not done | not done |
| Litepanels Micro | ISO 800, 1/125, (f5.63)f5.6, IMG_0234 | ISO 800, 1/125, (f4.06)f4.0, IMG_0235 | ISO 800, 1/125, (f2.89)f2.8, IMG_0236, light angle adjusted | ISO 800, 1/125, (f2.85)f2.8, IMG_0237, light angle adjusted | ISO 800, 1/125, (f2.83)f2.8, IMG_0238, light angle adjusted | ISO 800, 1/125, (f2.80)f2.8, IMG_0239, light angle adjusted | ISO 800, 1/125, (f2.80)f2.8, IMG_0240, light angle adjusted | not done | not done |
| Canon Macro Twin Lite MT-24EX Flash, power at 1/16, line of site crossed at subjects nose | ISO 100, 1/125, (f22.,8)f22, IMG_0127 | ISO 100, 1/125, (f11.9)f11, IMG_0130 | ISO 100, 1/125, (f5.67)f5.6, IMG_0132 | ISO 100, 1/125, (f4.06)f4.0, IMG_0134 | ISO 100, 1/125, (f2.85)f2.8, IMG_0136 | ISO 100, 1/125, (f2.04) unable to adjust aperture power increased to 1/8, shot at 1/8 power (f2.8)f2.8, IMG_0140 | ISO 100, 1/125, (f2.07),unable to adjust aperture power increased 1/4 power (f2.87), f2.8, IMG_0144 | ISO 100, 1/125, full power (f5.66)f5.6, IMG_0146 | not done |

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|--|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--|---------------------------------------|--|---------------------------------------|----------|
| | 6 in | 1 ft | 2 ft | 3 ft | 5 ft | 8 ft | 10 ft | 10 ft | 10 ft |
| Bower Large Digital LED Ring Light SFD-RL71 | ISO 800, 1/125, (f8.0)f8.0, IMG_0216 | ISO 800, 1/125, (f4.06)f4.0, IMG_0217 | ISO 800, 1/125, (f2.86)f2.8, IMG_0218 | ISO 800, 1/125, (f2.82)f2.8, IMG_0219 | ISO 800, 1/125, (f2.80)f2.80, IMG_0220 | ISO 800, 1/125, (f2.8)f2.80, IMG_0221 | ISO 800, 1/125, (f2.8)f2.80, IMG_0222 (shot at 8ft, no ring light) | ISO 800, 1/125, (f2.8)f2.80, IMG_0223 | not done |
| Bower SFD14C Macro Canon Ring Flash | ISO 800, 1/125, (f22)f22, IMG_0201 | ISO 800, 1/125, (f11.5)f11, IMG_0204 | ISO 800, 1/125, (f5.67)f5.6, IMG_0206 | ISO 800, 1/125, (f4.07)f4.0, IMG_0208 | ISO 800, 1/125, (f4.00)f4.0, IMG_0211 | ISO 800, 1/125, (f2.87)f2.8, IMG_0213 | ISO 800, 1/125, (f2.86)f2.8, IMG_0215 | not done | not done |
| Digi-Slave L Ring 3200 Without Diffuser | ISO 800, 1/125, (f11.6)f11, IMG_0322 | ISO 800, 1/125, (f11.5)f11, IMG_0324 | ISO 800, 1/125, (f8.02)f8.0, IMG_0326 | ISO 800, 1/125, (f5.6)f5.6, IMG_0327 | ISO 800, 1/125, (f4.02)f4.0, IMG_0328 | ISO 800, 1/125, (f2.87)f2.8, IMG_0329 | ISO 800, 1/125, (f2.84)f2.8, IMG_0331 | not done | not done |
| Digi-Slave L Ring 3200 with Diffuser | ISO 800, 1/125, (f11.3)f11, IMG_0321 | ISO 800, 1/125, (f8.0)f8.0, IMG_0323 | ISO 800, 1/125, (f4.07)f4.0, IMG_0325 | not done | not done | not done | not done | not done | not done |
| Digi-Slave Mini L-Ring Ultra, mounted on Canon EOS 7D with 60mm macro lens | ISO 800, 1/125, (f11.5)f11, IMG_9029 | ISO 800, 1/125, (f5.66)f5.6, IMG_9030 | ISO 800, 1/125, (f4.05)f4.0, IMG_9031 | ISO 800, 1/125, (f2.87)f2.8, IMG_9032 | ISO 800, 1/125, (f2.82)f2.8, IMG_9033 | ISO 800, 1/125, (f2.81)f2.8, IMG_9034 | ISO 800, 1/125, (f2.80)f2.8, IMG_9035 | not done | not done |
| 60 LED DSLR/VIDEO Light Kit - DV60 | ISO 800, 1/125, (f2.88)f2.8, IMG_0251 | ISO 800, 1/125, (f4.05)f4.0, IMG_0252 | ISO 800, 1/125, (f4.04)f4.0, IMG_0253 | ISO 800, 1/125, (f2.86)f2.8, IMG_0254 | ISO 800, 1/125, (f2.82)f2.8, IMG_0255 | ISO 800, 1/125, (f2.81)f2.8, IMG_0256 | ISO 800, 1/125, (f2.81)f2.8, IMG_0257 | not done | not done |
| Canon Speedlite 430EX II, shot at 1/16 power, 90 degrees | ISO 800, 1/125, (f22)f22, IMG_0261 | ISO 800, 1/125, (f22.3)f22, IMG_0264 | ISO 800, 1/125, (f22.1)f22, IMG_0266 | ISO 800, 1/125, (f16.7)f16, IMG_0268 | ISO 800, 1/125, (f11.3)f11, IMG_0271 | ISO 800, 1/125, (f8.04)f8, IMG_0273 | ISO 800, 1/125, (f8.00)f8, IMG_0275 | not done | not done |
| Canon Speedlite 430EX II, shot at full power, 90 degrees | ISO 100, 1/125, (f32.2)f32, IMG_0277 | ISO 100, 1/125, (f32.7)f32, IMG_0279 | ISO 100, 1/125, (f32.2)f32, IMG_0282 | ISO 100, 1/125, (f22.4)f22, IMG_0284 | ISO 100, 1/125, (f16.3)f16, IMG_0286 | ISO 100, 1/125, (f11.2)f11, IMG_0288 | ISO 100, 1/125, (f8.07)f8.0, IMG_0290 | not done | not done |
| Canon Speedlite 430EX II, shot at full auto flash, full auto camera | ISO 400, 1/60, f4, IMG_0304 | ISO 400, 1/60, f4, IMG_0305 | ISO 400, 1/60, f4, IMG_0306 | ISO 400, 1/60, f4, IMG_0308 | ISO 400, 1/60, f4, IMG_0309 | ISO 400, 1/60, f4, IMG_0310 | ISO 400, 1/60, f4, IMG_0311 | not done | not done |

