



Front fog

Product comparison



| | HiPerVision PSX26W/PSX24W | Halogen H8 LL | Halogen H11 LL | LUXEON Altilon SMD | LUXEON F CW | LUXEON F ES CW |
|-------------------|---|---|---|---------------------------------------|--|--|
| Lumen output | 465 lm +10%/-15% at 13.2V | 800 lm ±15% | 1,350 lm ±10% | 1x2: 580 lm at 1A, MP Tc = 85°C | 100 lm at 350 mA DC Tc = 85°C | 220 lm at 700 mA, DC Tc = 85°C |
| Power | 24.5W max at 13.2V | 43W max at 13.2V | 62W max at 13.2V | 1x2: 6W at 1A | 1W at 350 mA | 2W at 700 mA |
| Lifetime | 1,000 h/2,000 h (B3/Tc) at 13.2V | 700 h/1,100 h (B3/Tc) at 13.2V | 1,000 h/2,000 h (B3/Tc) at 13.2V | TBD | B3L70C90 17,000 h B50L70C90 65,000 h (350 mA, Tc = 120°C) | B3L70C90 16,000 h B50L70C90 63,000 h (700 mA, Tc = 120°C) |
| Coil e/f values | PSX26W e = 24 ± 0.3 mm f = 4.2 mm PSX24W e = 24 ± 0.35 mm f = 4.2 mm | e = 24 ± 0.3 mm f = 3.7 mm (acc. R37) | e = 25 ± 0.2 mm f = 4.5 mm (acc. R37) | - | - | - |
| Color temperature | 3,000 K | 3,000 K | 3,100 K | 5,800 K | 5,800 K | 5,800 K |

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|-------------|--|---|---|---|--|----------------|
| Styling | Enhanced shiny appearance when unlit | Fits small diameter reflector fog lighting systems | Fits small fog lighting system apertures | Permits reduced number of LEDs for smaller front-fog systems and simpler design integration | Offers new styling opportunities for reflector-based designs | |
| Design-in | Compatible with plastic and low-weight fog lighting systems Offers combined cornering lamp functionality (dimmiability) | Compatible with plastic and low-weight fog lighting systems | Compatible with high-performance reflector and projector optics | Low thermal resistance and integrated interface reduce system design complexity for simple implementation | Offers low thermal resistance and low forward voltage for higher lighting efficacy | |
| Regulations | R37 R19 Class B and F3 R119 | R37 R19 Class B and F3 R119 (H8 AR) DOT | R37 R19 Class B and F3 DOT | R19 Class F3 | | |