



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

Front fog

Product comparison



	HiPerVision PSX26W/PSX24W	Halogen H8 LL	Halogen H11 LL	LUXEON Altilon SMD	LUXEON F CW	LUXEON F ES CW
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		