

COMPARISON OF NEWER STYLE EUROPEAN AND AMERICAN LAMPS

A COMPILATION OF EUROPEAN AND AMERICAN MANUFACTURERS' DATA AND ESTIMATES

GENERAL		H7 • H7	H8 • H8	H9 • ??	H10 • 9145	H11 • ??	H12 • 9055	H13 • 9008	HIR1-9011	HIR2-9012
	Primary Application	Low Beam, High beam	Low Beam, Fog, AFS	High Beam	Fog	Low Beam	Low Beam	Driving / Passing	High Beam	Low Beam
	Capsule size	16mm	16mm	16mm	16mm	16mm	12.5mm	12.5mm	10mm	10mm
	Base	PX26d	PGJ19-1	PGJ19-5	PY20d	PGJ19-2	PZ20d	PJ26.4t	PX20d	PX22d
EUROPEAN	R37 Approved	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Nominal power	55W	35W	65W	42W	50W	53W	60W / 55W	65W	55W
	PHOTOMETRY									
	Test voltage	13.2V	13.2V	13.2V	13.2V	13.2V	13.2V	13.2V	13.2V	13.2V
	Max power	58W max	43W max	73W max	50W max	60W max	61W max	75W / 68W Max	73W max	63W max
	Luminous flux	1500 lm ± 10%	800 lm ± 15%	2100 lm ± 10%	850 lm ± 15%	1350 lm ± 10%	1050 lm ± 15%	1700 / 1100 ± 15%	2300 ± 15%	1700 ± 15%
	Luminance (Preliminary)	30 mcd/m ²	22 mcd/m ²	33 mcd/m ²	15 mcd/m ²	22 mcd/m ²	What is this?	??	??	??
	LIFE									
	Test voltage	13.2V	13.2V	13.2V	13.2V	13.2V	13.2V	13.2V	14V	14V
	Tc / B3	550h / 330h	800h / 400h	600h / 300h	3000h / 1800h	2500h / 1250h	B50 1200	B50 300 / 1500	B50 - 235	B50 - 1000
AMERICAN	DOT Part 564 submitted ?	Yes 2/23/93	YES 2/16/99	YES 2/16/99	Fog N/A	YES 2/16/99	Not Found	Yes 6/25/ 2002	Yes 3/15/98	Yes 3/15/98
	Nominal power	55W	39W	65W	45W	55W	55W	65W / 55W	65W	55W
	PHOTOMETRY									
	Test voltage	12.8V	12.8V	12.8V	12.8V	12.8V	12.8V	12.8V	12.8V	12.8V
	Max power	55.6W max	41W max	70W max	48W max	59W max	61W max	70/60W max	73W max	63W max
	Luminous flux	1350 lm ± 12%	730 lm ± 15%	2000 lm ± 12%	1000 lm ± 12%	1250 lm ± 12%	1050 lm ± 15%	1500 / 1000 ± 15%	2300 ± 15%	1700 ± 15%
	Luminance (Preliminary)	27 mcd/m ²	20 mcd/m ²	31 mcd/m ²	13 mcd/m ²	20 mcd/m ²	??	??	??	??
	LIFE									
	Test voltage	14V	14V	14V	14V	14V	14V	14V	14V	14V
	Tav / B3	250h / 150h	330h / 175h	250h / 150h	1600 / 1000	1000h / 550h	B50 1200	B50 300 / 1500	B50 >235	B50 1000