



## **Sylvania Automotive Lamp Catalog**

Downloaded from : - <http://www.sylvaniaautocatalog.com>  
Downloaded on : - 9/3/2010 3:54:10 AM

### **High Intensity Discharge Lighting**

**D1 Xenarc High Intensity Discharge Lighting**

**D2 Xenarc High Intensity Discharge Lighting**

**High Intensity Discharge Headlight Lamp DataChart**

Line No.	Part Number	Category	Base Type	Design Voltage	Design** Wattage	Lumen Output	Rated Life	Fig No.
1	66050	D1S	P32d-2	*	35	3,200	3,000	147
2	66052	D1R	PK32d-3	*	35	2,800	3,000	148

\*Only in conjunction with approved electronic ballast, available on request.

\*\*Wattage including ballast ~42W.

R type lamps designed for reflector or lens optic systems.

S type lamps designed for projector optic systems.



D1 S/R Light Sources



D1 Rev 4 Ballasts

**XENAELECTRON® Ballast**

Output Power	35 Watts
Efficiency	84%
Output Waveform	500 Hz Neg Square Wave
Temperature Range	-40 to 105° C
Size (L x W x H)	84 x 71 x 30 mm
Weight	257 g
Burner	D1 S/R
Connectors	Input: 9006
	Output: 4 pin Shielded
Harness	122 cm max.

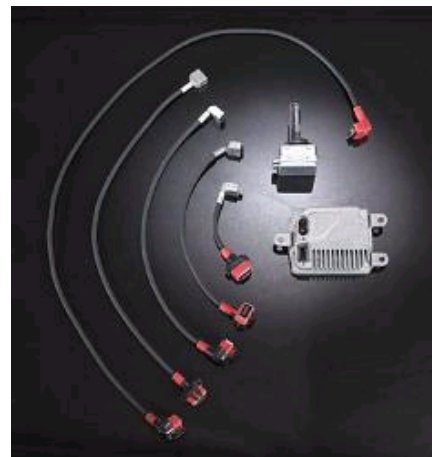
**Product offering**

35W XT-12V/D1	12 Volt Input	Fig. 1
35W XT-12V/D1 TAB	12 Volt Input	Fig. 2
35W XT-24V/D1	24 Volt Input	Fig. 1
35W XT-24V/D1 TAB	24 Volt Input	Fig. 2

**Input Harness**

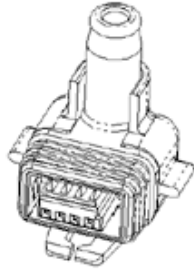
The harness that connects the light source and ballast is available in many configurations to match the mechanical requirements of the manufacturer.

The variable length harness is available with different entry angle connectors at ballast and lamp ends.

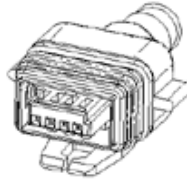


**Ballast**

J2B 90° BACK



J2A STRAIGHT



**Lamp**

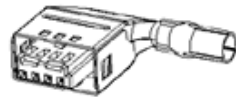
J1A STRAIGHT



J1B 45° FWD

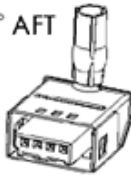


J1D 90° FWD



J1C 90° SIDE

J1E 90° AFT



Line No.	Part Number	Category	Base Type	Design Voltage	Design** Wattage	Lumen Output	Rated Life	Fig No.
1	66040	D2S	P32 d-2	*	35	3,200	2,000	144
2	66050	D2R	P32 d-3	*	35	2,800	2,000	145

\*Only in conjunction with approved electronic ballast, available on request.

\*\*Wattage including ballast ~42W.

R type lamps designed for reflector or lens optic systems.

S type lamps designed for projector optic systems.



D2 S/R Light Sources

Characteristic	Unit	Xenarc® D2S	Xenarc® D2R	Xenarc® D1S	Xenarc® D1R
Light Source Wattage	W	35	35	35	35
Luminous flux	lm	3200	2800	3200	2800
Luminous efficacy	lm/W	91*	80*	91*	80*
Color Temperature	K	4250	4150	4250	4150
Average luminance	cd/cm	6500^	6500^	6500^	6500^
Lamp Life B3	h	1500	1500	1500	1500
Lamp Life Tc	h	3000	3000	3000	3000
Arc length	mm	4.2	4.2	4.2	4.2

^Minimum value

\* Light Source only