

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	10/21/13	G. W.



NOTES:

- 2. DIRECT REPLACEMENT FOR T1 3/4 MIDGET FLANGE SX6s BASED LAMPS
- 1. CENTER CONTACT ANODE

STANDARD TOLERANCE ( UNLESS OTHERWISE SPECIFIED )		<b>BIVAR</b> <sup>®</sup> 4 THOMAS, IRVINE, CA. 92618																	
<u>DECIMALS</u>	<u>ANGULAR</u>																		
.X ± .1	X° ± 1°	<table border="1" style="width: 100%;"> <tr> <td>DESIGNED:</td> <td>DATE:</td> <td rowspan="2">TITLE: 206 SERIES INCANDESCENT REPLACEMENT LED</td> <td>REVISION:</td> </tr> <tr> <td><b>Alex Wright</b></td> <td><b>10/21/13</b></td> <td>PART NO: <b>LFR-206X-XXX</b></td> <td><b>A</b></td> </tr> <tr> <td>CHECKED:</td> <td>DATE:</td> <td>CAGE CODE : <b>32559</b></td> <td>SHEET # <b>1 OF 2</b></td> </tr> <tr> <td><b>Minh Doan</b></td> <td><b>10/21/13</b></td> <td colspan="2">CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.</td> </tr> </table>		DESIGNED:	DATE:	TITLE: 206 SERIES INCANDESCENT REPLACEMENT LED	REVISION:	<b>Alex Wright</b>	<b>10/21/13</b>	PART NO: <b>LFR-206X-XXX</b>	<b>A</b>	CHECKED:	DATE:	CAGE CODE : <b>32559</b>	SHEET # <b>1 OF 2</b>	<b>Minh Doan</b>	<b>10/21/13</b>	CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.	
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.XX ± .02																			
.XXX ± .010																			

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

## DERATING CURVES

Derating Graph 1



Derating Graph 2



Derating Graph 3



Derating Graph 4



Bivar Part Number	Wave Length λp(nm)	Emitted Color	Lens Appearance	Operating Voltage	Electro-Optical Data		Viewing Angle	De-rating Graphs
				Vopr (Vdc)	Current DC (mA)	Iv (mcd)		
				TYP	TYP	TYP		
LFR-206R12V	630	RED	CLEAR	12	10	600	120	1
LFR-206R28V	630	RED	CLEAR	28	8	600	120	1
LFR-206Y12V	585	YELLOW	CLEAR	12	10	600	120	1
LFR-206Y28V	585	YELLOW	CLEAR	28	8	600	120	1
LFR-206G12V	515	GREEN	CLEAR	12	10	800	120	2
LFR-206G28V	515	GREEN	CLEAR	28	8	800	120	2
LFR-206B12V	465	BLUE	CLEAR	12	10	230	120	4
LFR-206B28V	465	BLUE	CLEAR	28	8	230	120	4
Bivar Part Number	Chromaticity Coordinates	Emitted Color	Lens Appearance	Operating Voltage	Electro-Optical Data		Viewing Angle	De-rating Graphs
				Vopr (Vdc)	Current DC (mA)	Iv (mcd)		
				TYP	TYP	TYP		
LFR-206WW12V	X=0.4255~0.4680 Y=0.4000~0.4385	WARM WHITE	CLEAR	12	10	850	120	3
LFR-206WW28V	X=0.4255~0.4680 Y=0.4000~0.4385	WARM WHITE	CLEAR	28	8	850	120	3
LFR-206CW12V	X=0.31 Y=0.32	COOL WHITE	CLEAR	12	10	1100	120	3
LFR-206CW28V	X=0.31 Y=0.32	COOL WHITE	CLEAR	28	8	1100	120	3

## ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

MAXIMUM POWER DISSIPATION \_\_\_\_\_ 500 mW  
 OPERATING TEMPERATURE RANGE \_\_\_\_\_ -40°C ~ 85°C  
 STORAGE TEMPERATURE \_\_\_\_\_ -40°C ~ 100°C

STANDARD TOLERANCE ( UNLESS OTHERWISE SPECIFIED )		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
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