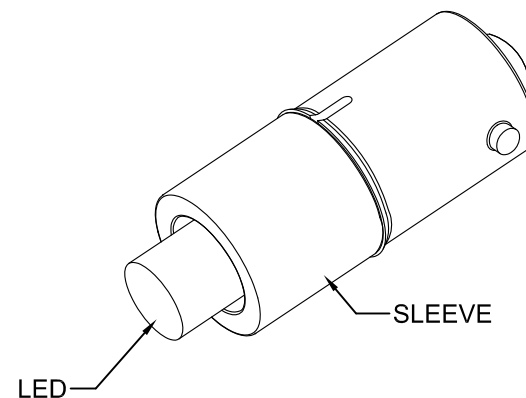
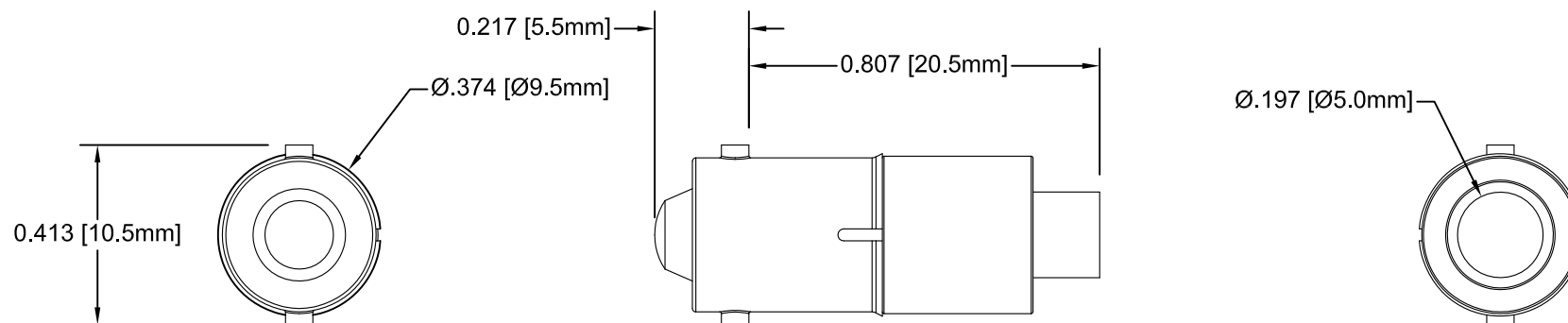


REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	10/22/13	G. W.



NOTES:

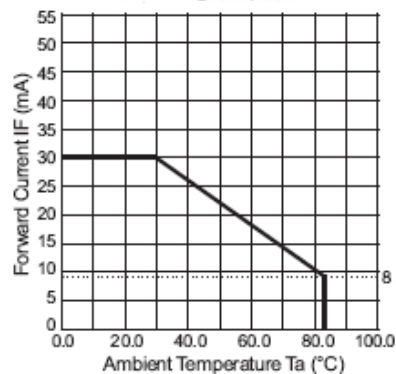
3. DIRECT REPLACEMENT FOR T3 $\frac{1}{4}$ BA9s BASED LAMPS
- 2.VOLTAGE OPERATING RANGE 8-48VAC/DC
1. DURABLE TO SHOCK AND VIBRATION

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X $\pm .1$	X° $\pm 1^\circ$	 TITLE: 255 SERIES INCANDESCENT REPLACEMENT LEDS	
.XX $\pm .02$			
.XXX $\pm .010$		PART NO: LFR-255X-XXX REVISION: A	
DESIGNED: Minh Doan	DATE: 10/22/13	CAGE CODE : 32559 SHEET # 1 OF 2	
CHECKED: Alex Wright	DATE: 10/22/13	CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.	

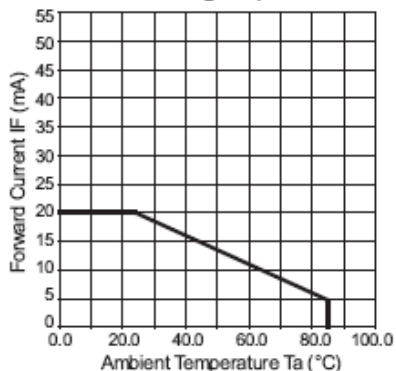
REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

DERATING CURVES

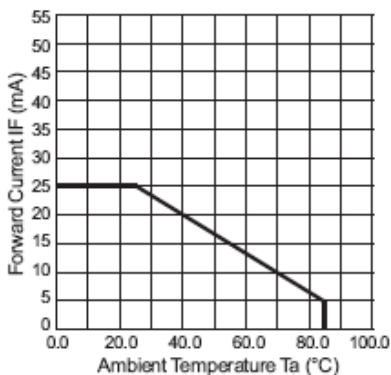
Derating Graph 1



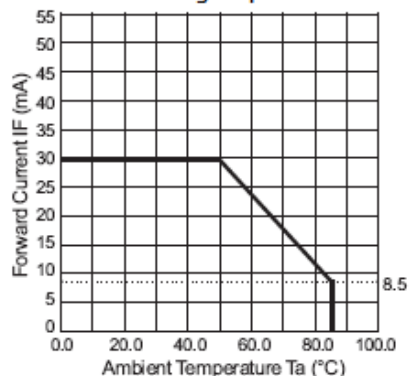
Derating Graph 2



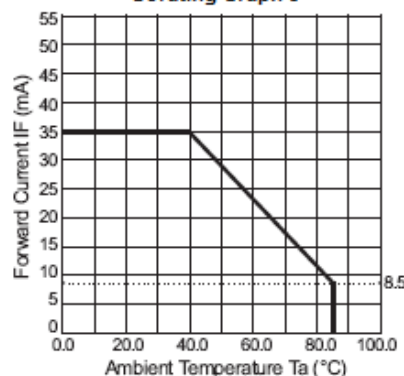
Derating Graph 3



Derating Graph 4



Derating Graph 5



Bivar Part Number	Wave Length λ_p (nm)	Emitted Color	Lens Appearance	Operating Voltage	Electro-Optical Data		Viewing Angle	De-rating Graphs
				Vopr (Vac/dc)	Current DC (mA)	Iv (mcd)		
				TYP	TYP	TYP		
LFR-255R48V	630	RED	CLEAR	8-48	10	600	120	2
LFR-255Y48V	585	YELLOW	CLEAR	8-48	10	600	120	2
LFR-255G48V	515	GREEN	CLEAR	8-48	10	800	120	3
LFR-255B48V	465	BLUE	CLEAR	8-48	10	230	120	5

Bivar Part Number	Chromaticity Coordinates	Emitted Color	Lens Appearance	Operating Voltage	Electro-Optical Data		Viewing Angle	De-rating Graphs
				Vopr (Vac/dc)	Current DC (mA)	Iv (mcd)		
				TYP	TYP	TYP		
LFR-255WW48V	X=0.4255~0.4680 Y=0.4000~0.4385	WARM WHITE	CLEAR	8-48	10	850	120	4
LFR-255CW48V	X=0.4255~0.4680 Y=0.4000~0.4385	COOL WHITE	CLEAR	8-48	10	785	120	1

ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

MAXIMUM POWER DISSIPATION _____ 625 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	
<u>DECIMALS</u> <u>ANGULAR</u>			
		TITLE: 255 SERIES INCANDESCENT REPLACEMENT LED	
DESIGNED:	DATE:	PART NO:	REVISION:
Minh Doan	10/22/13	LFR-255X-XXX	A
CHECKED:	DATE:	CAGE CODE : 32559	SHEET # 2 OF 2
Alex Wright	10/22/13	CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.	