

Ledatech BAR ARRAY / LCD BACK LIGHT

BAR ARRAY Electrical/Optical Characteristics at T_A=25°C

5 SEGMENT		λ_p (nm)	V _F (V)		I _V (mcd)	
PART NUMBER	CHIP COLOR					
		TYP.	TYP.	MAX.	MIN.	TYP.
LL5000-GEWAK	GREEN	572	2.1	2.4	4.6	7.7
LL5000-YEWAK	YELLOW	589	2.1	2.4	3.8	6.3
LL5000-OEWAK	ORANGE	630	2.1	2.4	5.3	8.8
LL5000-HRRRAK	ORANGE	630	2.1	2.4	5.3	8.8
LL5000-SBEWAK	SB RED	660	1.7	2.2	12.3	20.5
LL5000-M1EWAK	RED	660	1.7	2.2	7.4	12.3
LL5000-PREWAK	RED	700	2.1	2.4	1.2	2.1

LL5000-X
PIN NO. FUNCTION
1.A ANODE 6.E CATHODE
2.B ANODE 7.D CATHODE
3.C ANODE 8.C CATHODE
4.D ANODE 9.B CATHODE
5.E ANODE 10.A CATHODE

10 SEGMENT		λ_p (nm)	V _F (V)		I _V (mcd)	
PART NUMBER	CHIP COLOR					
		TYP.	TYP.	MAX.	MIN.	TYP.
LL10000-GEWAK	GREEN	572	2.1	2.4	4.6	7.7
LL10000-YEWAK	YELLOW	589	2.1	2.4	3.8	6.3
LL10000-OEWAK	ORANGE	630	2.1	2.4	5.3	8.8
LL10000-HRRRAK	ORANGE	630	2.1	2.4	5.3	8.8
LL10000-SBEWAK	SB RED	660	1.7	2.2	12.3	20.5
LL10000-M1EWAK	RED	660	1.7	2.2	7.4	12.3
LL10000-PREWAK	RED	700	2.1	2.4	1.2	2.1

LL10000-X
PIN NO. FUNCTION
1.A ANODE 11.J CATHODE
2.B ANODE 12.I CATHODE
3.C ANODE 13.H CATHODE
4.D ANODE 14.G CATHODE
5.E ANODE 15.F CATHODE
6.F ANODE 16.E CATHODE
7.G ANODE 17.D CATHODE
8.H ANODE 18.C CATHODE
9.I ANODE 19.B CATHODE
10.J ANODE 20.A CATHODE

LCD BACK LIGHT Electrical/Optical Characteristics at T_A=25°C

3.27"X1.06" (83.0mmX27.0mm)		@ 400mA				
PART NUMBER	CHIP COLOR	λ_p (nm)	V _F (V)		I _V (cd/m ²)	
		TYP.	TYP.	MAX.	MIN.	TYP.
LY1165-G	GREEN	572	4.2	4.8	60	100
LY1165-Y	YELLOW	589	4.2	4.8	50	80
LY1165-O	ORANGE	630	4.2	4.8	70	120
LY1165-M1	RED	660	3.4	4.4	90	140

DIFFUSED TAPE

3.98"X1.46" (101.0mmX37.0mm)		@ 360mA				
PART NUMBER	CHIP COLOR	λ_p (nm)	V _F (V)		I _V (cd/m ²)	
		TYP.	TYP.	MAX.	MIN.	TYP.
LY1166-G	GREEN	572	10.5	12.0	90	150
LY1166-Y	YELLOW	589	10.5	12.0	80	130
LY1166-O	ORANGE	630	10.5	12.0	100	170
LY1166-M1	RED	660	8.5	11.0	120	200

DIFFUSED TAPE