

**SPECIFICATION FORM****FEATURES**

- ✧ 19.0MM×19.0MM OUTLINE
- ✧ DUAL COLOR CLUSTER
- ✧ EASY ASSEMBLY
- ✧ HIGH BRIGHTNESS
- ✧ SOLID STATE RELIABILITY
- ✧ LOW POWER REQUIREMENT

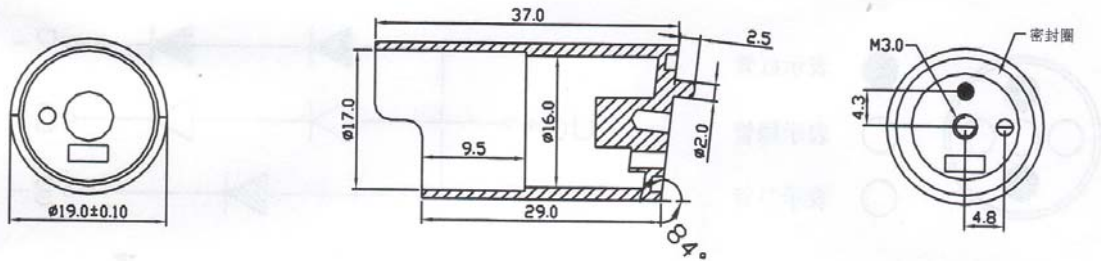
**DESCRIPTION**

The REC-C19B5(750) is a 19.0MM×19.0MM outline, dual color, common anode outdoor cluster display. This display consists of blue LEDs . These devices have black face and water clear LEDs.

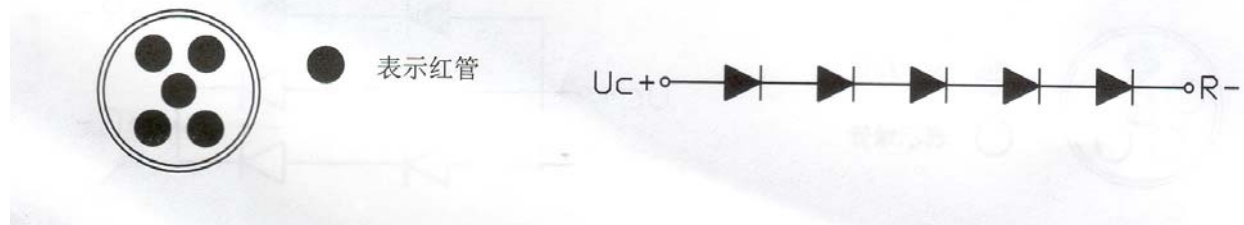
**DEVICE**

<b>PART NO.</b>	<b>EMITTING COLOR</b>	<b>DESCRIPTION</b>
REC-C19B5(750)	Blue	5 Blue LEDs

**PACKAGE DIMENSION**



**INTERNAL CIRCUIT DIAGRAM**



**ABSOLUTE MAXIMUM RATING AT  $T_A=25^\circ\text{C}$**

PARAMETER	BLUE	GREEN
Power Dissipation, $P_{AD}$ (mW)	400	200
Peak Forward Current, $I_{PF}$ (mA)	60	60
Continuous Forward Current, $I_{AF}$ (mA)	20	20
Reverse Voltage, $V_R$ (V)	10	15
Operating Temperature Range, $T_{opr}$	- 25° C to + 85° C	
Storage Temperature Range, $T_{stg}$	- 30° C to + 90° C	
Solder Temperature : 1 / 16 inch below seating plane for 3 seconds at 260° C		

**ELECTRO - OPTICAL CHARACTERISTICS AT  $T_A=25^\circ\text{C}$**

PARAMETER	BLUE		
	MIN	TYP	MAX
Luminous Intensity, $I_V$ (mcd, $I_F=20\text{mA}$ )		3750	
Peak Emission Wavelength, $\lambda_P$ (nm, $I_F=20\text{mA}$ )		470	
Special Line Half-Width, $\Delta\lambda$ (nm, $I_F=20\text{mA}$ )		20	
Forward Voltage, $V_F$ (V, $I_F=20\text{mA}$ )	3.0	3.3	3.5
Viewing Angle, $2\theta_{1/2}$ (degree)		20	
Luminous Intensity Matching Ratio, $I_{V-m}$ ( $I_F=20\text{mA}$ )			2: 1