

SPECIFICATION FOR APPROVAL

★ COMMODITY: 5W Pure White High Power LED

★ Lens Appearance: Water Clear

★ DEVICE NUMBER: WSD-HP5A120W220-02

★ DATE: 2008.10.15

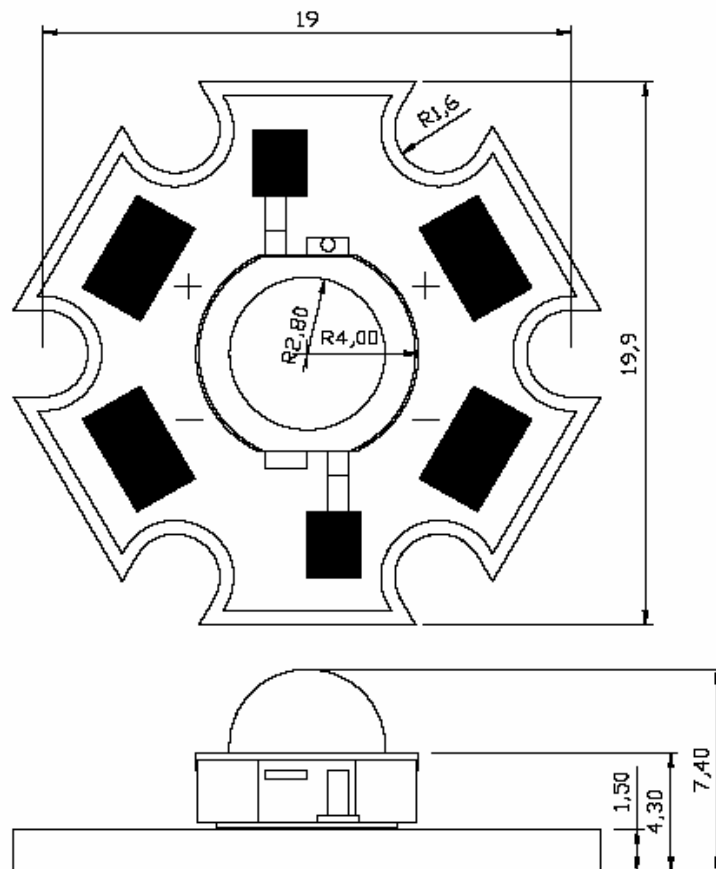
CUSTOMER APPROVEDBY	DATE

Rabtron

● Features:

- 1: More Energy Efficient than incandescent and most halogen lamps.
- 2: Long operating life.
- 3: Low forward voltage operated.
- 4: Instant light (less than 100ns).
- 5: No UV.

● Outline Dimensions:



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● solute Maximum Ratings at Ta=25°C:

Parameter	Symbol	Maximum	Unit
Peak Forward Current	I_{FP}	3000	mA
Continuous Forward Current	I_F	750	mA
Reverse Voltage	V_R	10	V
Operating temperature range	T_{opr}	-20°C to + 80°C	
Storage Temperature Range	T_{stg}	-30°C to + 100°C	

●Electrical/Optical Characteristics at Ta=25°C:

Parameter	Symbol	Test Condition	Min	Typ	Max	Unit
Luminous flux	ϕ	$I_F=750mA$	200	220	240	Lm
Viewing Angle	2 θ 1/2	$I_F=750mA$		120		deg
Forward Voltage	V_F	$I_F=750mA$	6.5	7.0	7.5	V
Color Rendering Index Calculation	Spm	X				
	Spm	Y				
Correspondingly	CCT	$I_F=750mA$	6000		7000	K

● Typical Electrical/Optical Characteristics Curve: (Ta=25°C)

