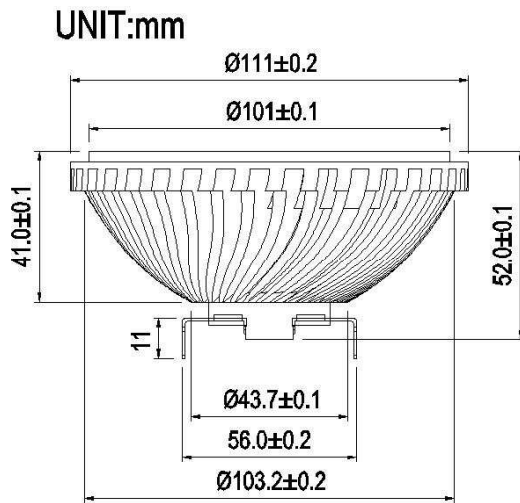
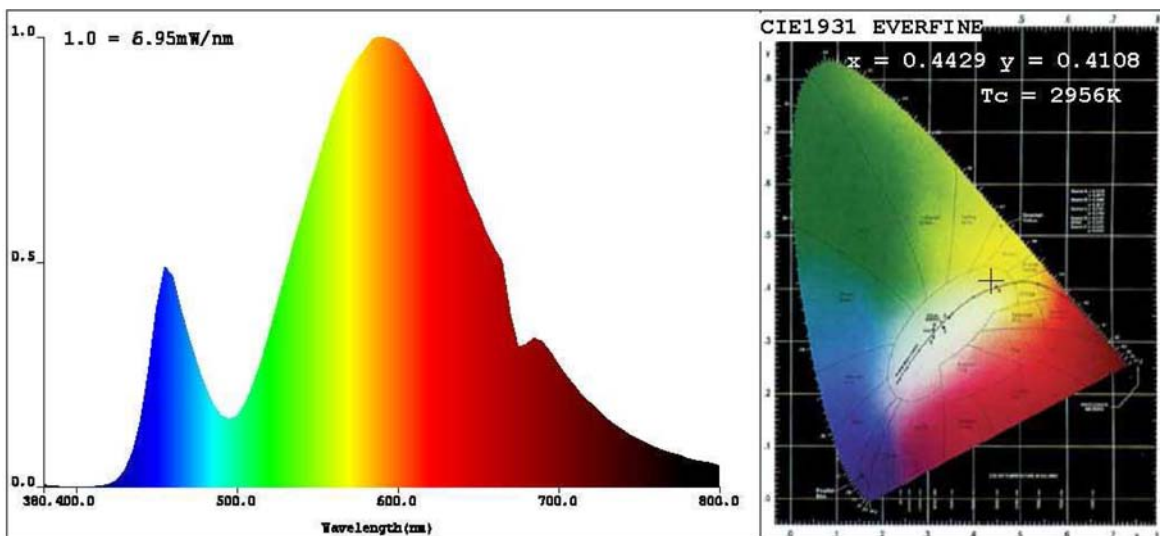


AR111-9P52-12V Warm White



Electrical and optical characteristics (Ta = 25°C)					
	Symbol	Values			Unit
		MIN	TYP	MAX	
Input Voltage	V_{in}	10	12 AC/DC	24	V_{DC}
Input Current	I_{in}	320	350	730	mA
Oscillation Frequency	f	suitable for Industrial Frequency Transformer or High Frequency Electronic Transformer			Hz
Power Consumption (MAX)	P	9.3			W
LED QTY	-	9			PCS
CCT	-	3000			K
Luminous flux (MAX)	-	350-360 lum			Lm
Operating Temperature	T_{opr}	-20	25	40	°C

Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.4429$ $y=0.4108$ / $u'=0.2515$ $v'=0.5249$ ($duv=1.85e-003$)
CCT: $T_c=2956K$ Prcp WaveL: $\lambda=582.4nm$ Purity= 56.3%
Peak WaveL: $\lambda=590nm$ Half Width: $\lambda=132.7nm$ Ratio: $R=21.4\%$ $G=76.5\%$ $B=2.2\%$
Average Wave: $594nm$
Rendering Index: $R_a=72.3$
 $R1=68$ $R2=83$ $R3=94$ $R4=64$ $R5=66$ $R6=74$ $R7=81$ $R8=50$
 $R9=0$ $R10=59$ $R11=53$ $R12=43$ $R13=71$ $R14=96$ $R15=64$

Photo Parameters:

Flux: $\phi=351.89(lm)$ Luminous Efficacy: $36.39(lm/W)$ Luminous Power: $P=1.101(W)$

Electrical Parameters:

$U=12.08V$ $I=0.8004A$ $P=9.669W$ $PF=1.000$

Instrument Status:		
Scan Range: $380.0nm-800.0nm$	Interval: $5.0nm$	$I_p=20675$ ($G=4$, $D=57$)
REF=22643	TMP(PMT)= $26.0degrees$ centigrade	Test Mode: Fast Test