



LED LAMP SPECIFICATION

■ Part Number: ABPX449A-32LEDS-X

Blue: ABPX449A-32LEDS-B
Green: ABPX449A-32LEDS-G
Red: ABPX449A-32LEDS-R
White: ABPX449A-32LEDS-W
Yellow: ABPX449A-32LEDS-Y

PX449A LED Strip Assembly	PX449A-32LED-SMD
Drawing	
<p>100mm wire RED: V+ BLACK: gnd</p> <p>32 pcs SMD LED's</p>	
Notes: All dimension are millimeter	CIRCUIT:



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■ Absolute Maximum Ratings at TA=25°C

Item	Symbol	Conditions		Rating	Unit
Power Dissipation	P _D	Blue	25mA	4.0	W
		True Green	25mA	4.0	W
		White	25mA	4.0	W
		Red	40mA	3.2	W
		Yellow	40mA	3.2	W
Forward Current	I _F	Blue		30	mA
		True Green		30	mA
		White		30	mA
		Red		50	mA
		Yellow		50	mA
DC INPUT VOLTAGE	V _{dc}	Blue	25mA	10	V
		True Green	25mA	10	V
		White	25mA	10	V
		Red	40mA	10	V
		Yellow	40mA	10	V
Operating Ambient Temperature	Topr			-25~+85	°C
Storage Temperature	Tstg			-25~+85	°C



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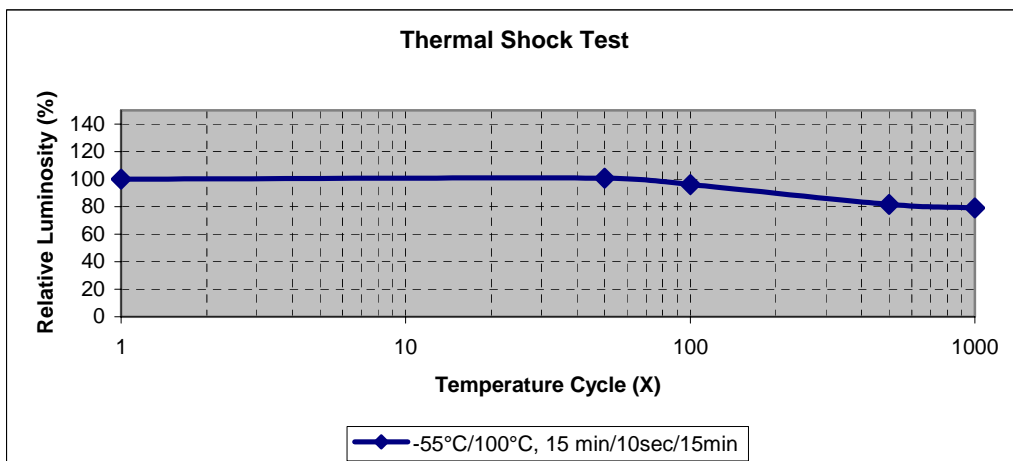
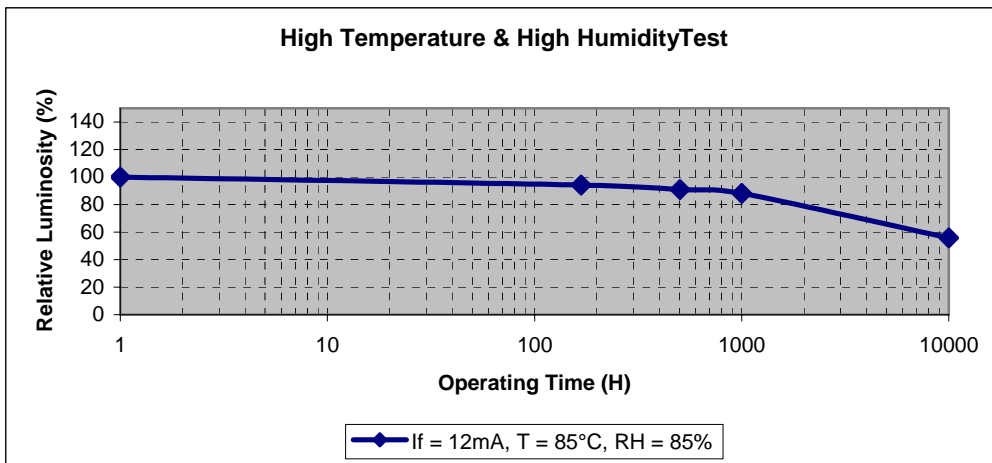
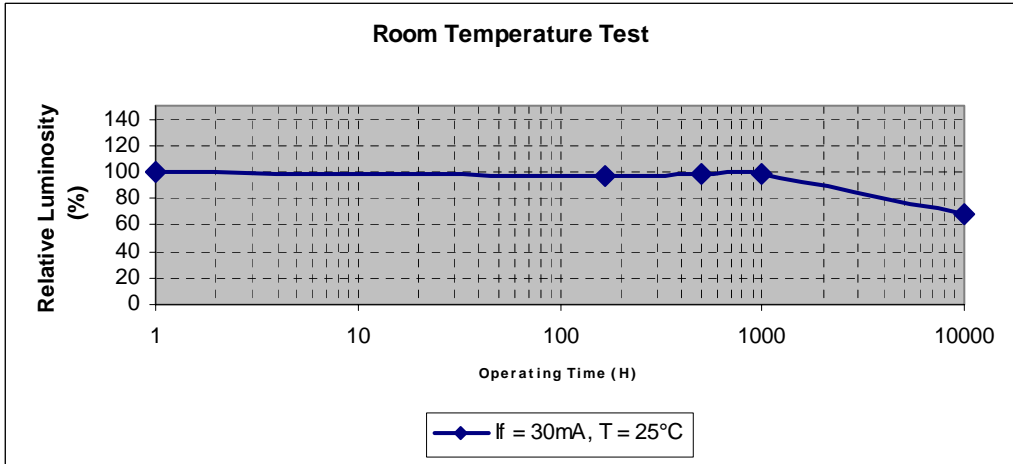
■ Main Specifications (Ta=25°C)

Item	Symbol	Conditions	Min.	Typ.	Max.	Unit
Forward Voltage	V_f	Blue		10		V
		True Green		10		V
		White		10		V
		Red		10		V
		Yellow		10		V
Reverse Voltage	V_r	Blue		5		V
		True Green		5		V
		White		5		V
		Red		5		V
		Yellow		5		V
Luminous Intensity	I_v	Blue		5.2		cd
		True Green		12		cd
		White		12.8		cd
		Red		12		cd
		Yellow		12		cd
Wavelength	λ_{nm}	Blue		470		nm
		True Green		525		nm
		White		x=0.29 y=0.30		nm
		Red		625		nm
		Yellow		587		nm
Spectrum Radiation Half-width	$\Delta\lambda_{nm}$	Blue		12		nm
		True Green		12		nm
		White		x=0.29 y=0.30		nm
		Red		15		nm
		Yellow		12		nm
Viewing Angle	$2\theta_{1/2}$	Blue		120		Deg
		True Green		120		Deg
		White		120		Deg
		Red		120		Deg
		Yellow		120		Deg



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White / Blue / True Green LED Operating Life Data





LED LAMP SPECIFICATION

Red / Yellow LED Operating Life Data

