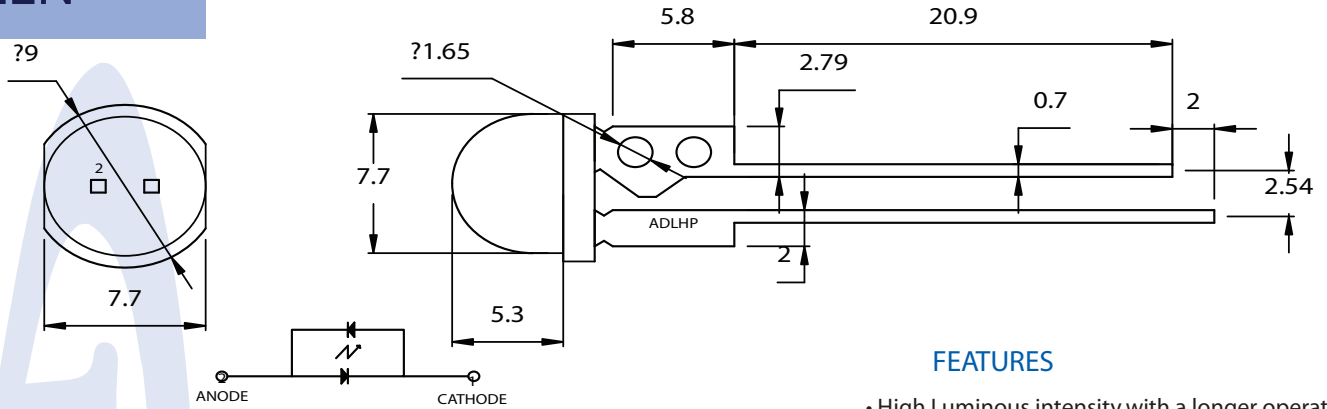


### ADLHP3-8C400-M1

### GREEN

#### INTRODUCTION

The Adiva High-Power LED has a wide range of applications and a uniquely designed shape and is encapsulated in water clear epoxy resin with an 8mm diameter.



#### ABSOLUTE MAXIMUM RATINGS

Items	Symbols	Ratings	Unit
Operation Forward Current	$I_f$	200	mA
Dominant wavelength	$\lambda_D$	520	nm
Operating Temperature Range	$T_{Op}$	-25 ~ 80	C
Power Dissipation	$P_D$	0.7	W
Reverse Voltage	$V_R$	5	V
Storage Temp. Range	$T_S$	-30 ~ 100	C
Soldering Temperature	$T_{sol}$	* 240	C

#### FEATURES

- High Luminous intensity, with a longer operation life.
- Excellent consistency on color, intensity and Forward Current.
- Low voltage DC operated.
- Excellent Solderability and resistance to soldering heat.
- High Reliability, 100% Probing Test.
- Low thermal resistance

#### ELECTRICAL-OPTICAL CHARACTERISTICS

Parameter	Symbol	Conditions	Min.	Typ.	Max.
Forward Voltage	$V_f$	$I_F=200mA$		3.3	
Reverse Current	$I_r$	$V_R=10V$			10
Luminous Flux	$I_m$	$I_F=200mA$		30	

#### SERIES STANDARD SPECIFICATIONS

Shape	Emitting Color	Part Number	Wavelength (nm) $\lambda$	Diffusion	IR( $\mu A$ ) $V_R=10V$ MAX	Luminous Intensity ( $I_m$ ) $I_F=200mA$ Typ	Emitting Material	Viewing Angle Q (deg.)
8 $\phi$	Green	ADLHP3-8C200-M1	520	W.C.	10	30	InGaN	140

# Light Emitting Diodes

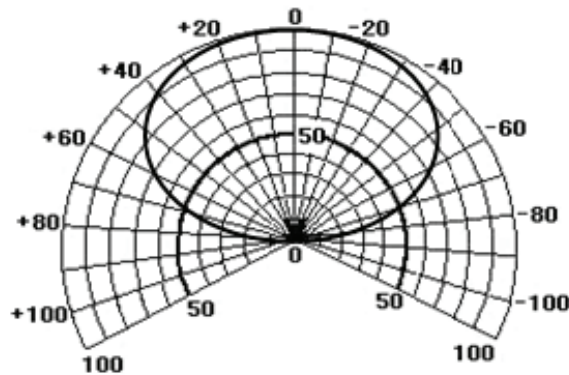
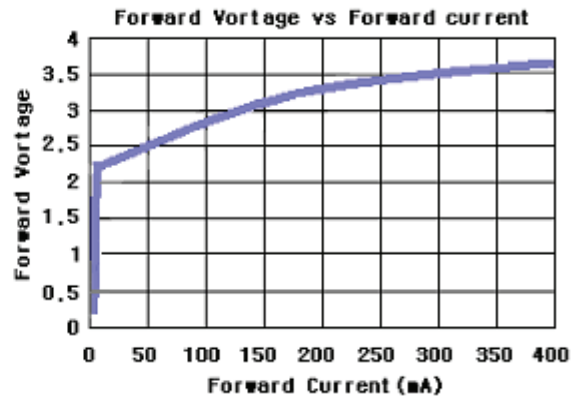
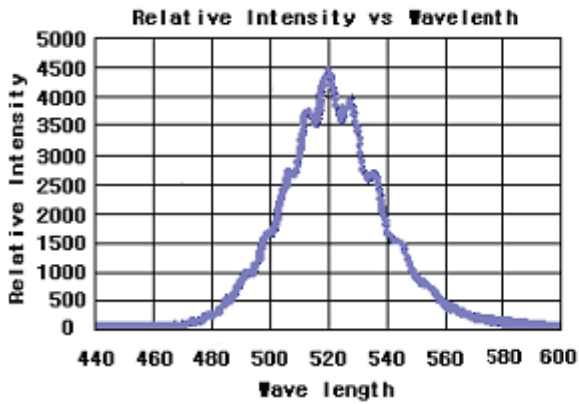
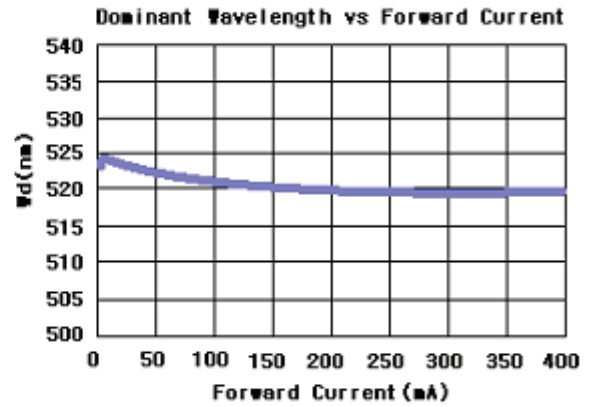
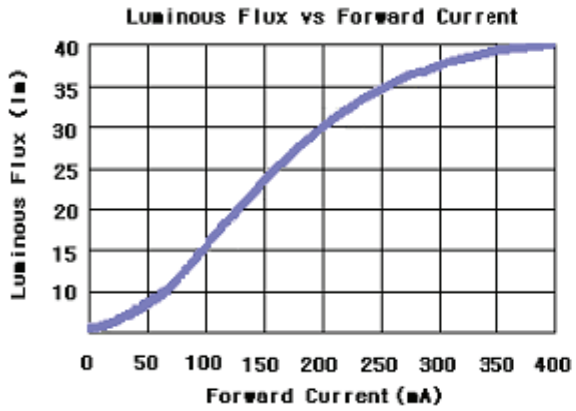
High Power

ADLHP Series



ADLHP3-8C400-M1

GREEN



Directive Characteristics