

High Power LED lamp

BL-HP20AxxxB

■ Features:

- 1W and 3W, 5W LEDs suitable for illumination lamps and decorative lighting
- Longer service and less luminosity loss, 50,000hours
- Different emitting colors are available
- Working current: 200-350mA, 700mA, 1050mA
- With or without heat sink are both available
- Lambertian, batwing and side emitting are all available
- Light output from 20 to 170 lumens

■ Applications:

Commercial lighting
Residential lighting
Decorative lighting

1Watt Batwing

■ Electrical-optical characteristics: (Ta=25°C) (Test Condition: IF=350mA)

1W Star with Batwing type  Part Number	Chip		Lens Type	Forward Voltage(VF) Unit:V		Flux Unit:lm @350mA		Viewing Angle 2θ1/2 (deg)
	Emitted Color	λp (nm) or CTT		Typ	Max	Min.	Typ.	
BL-HP20AUECB	Ultra Orange	630	Water Clear	2.2	2.75	15	25	80
BL-HP20AUYCB	Ultra Yellow	590		2.2	2.75	20	23	
BL-HP20APGCB	Ultra Pure Green	525		3.2	3.8	15	23	
BL-HP20AUBCB	Ultra Blue	470		3.5	3.8	8	13	
BL-HP20AUWCB	Ultra White	6000k		3.5	3.8	18	28	
BL-HP20AUW2CB	Ultra Warm White	3200k		3.5	3.8	15	23	