

## High Power LED lamp

**BL-HP20ExxxL-5W**

### ■ 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

**5Watt Lambertian**

### ■ Electrical-optical characteristics: (Ta=25°C) (Test Condition: IF=700mA)

5W Lambertian Emitter    Part Number	Chip		Lens Type	Forward Voltage(VF) Unit:V		Flux Unit:lm @700mA		Viewing Angle 2θ1/2 (deg)
	Emitted Color	λ <sub>p</sub> (nm) or CTT		Typ	Max	Min.	Typ.	
<b>BL-HP20EUECL-5W</b>	Ultra Orange	630	Water Clear	6.6	8.25	100	160	140
<b>BL-HP20EUYCL-5W</b>	Ultra Yellow	590		6.6	8.25	110	170	
<b>BL-HP20EPGCL-5W</b>	Ultra Pure Green	525		6.6	7.6	90	120	
<b>BL-HP20EUBCL-5W</b>	Ultra Blue	470		6.6	7.6	20	40	
<b>BL-HP20EUWCL-5W</b>	Ultra White	6000k		6.6	7.6	80	110	
<b>BL-HP20EUW2CL-5W</b>	Ultra Warm White	3200k		6.6	7.6	70	95	