

## High Power LED lamp

**BL-HP20ExxxL-3W**

### 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

**3Watt Lambertian**

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

3W Lambertian Emitter    Part Number	Chip		Lens Type	Forward Voltage(VF) Unit:V		Flux Unit:lm @700mA		Viewing Angle 2θ/2 (deg)
	Emitted Color	λp J (nm) or CTT		Typ	Max	Min.	Typ.	
<b>BL-HP20EUECL-3W</b>	Ultra Orange	630	Water Clear	2.2	2.75	40	50	140
<b>BL-HP20EUYCL-3W</b>	Ultra Yellow	590		2.2	2.75	50	55	
<b>BL-HP20EPGCL-3W</b>	Ultra Pure Green	525		3.2	3.8	45	55	
<b>BL-HP20EUBCL-3W</b>	Ultra Blue	470		3.5	3.8	15	20	
<b>BL-HP20EUWCL-3W</b>	Ultra White	6000k		3.5	3.8	50	60	
<b>BL-HP20EUW2CL-3W</b>	Ultra Warm White	3200k		3.5	3.8	30	45	