

## High Power LED lamp

BL-HP20ExxxS

### 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 Side Emitting**

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

1W Side emitting Emitter    Part Number	Chip		Lens Type	Forward Voltage(VF) Unit:V		Flux Unit:lm @350mA		Viewing Angle 2θ/2 (deg)
	Emitted Color	λp B (nm) or CTT		Typ	Max	Min.	Typ.	
BL-HP20EUECS	Ultra Orange	630	Water CSeal	2.2	2.75	18	27	160
BL-HP20EUYS	Ultra Yellow	590		2.2	2.75	22	25	
BL-HP20EPGCS	Ultra Pure Green	525		3.2	3.8	18	25	
BL-HP20EUBCS	Ultra Blue	470		3.5	3.8	10	15	
BL-HP20EUWCS	Ultra White	6000k		3.5	3.8	20	30	
BL-HP20EUW2CS	Ultra Warm White	3200k		3.5	3.8	18	25	