

## 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<br><br><br><br>Part Number | Chip             |                            | Lens Type   | Forward Voltage(VF)<br>Unit:V |      | Flux Unit:lm<br>@700mA |      | Viewing Angle 2θ1/2 (deg) |
|---|------------------|----------------------------|-------------|-------------------------------|------|------------------------|------|---------------------------|
|   | Emitted Color    | λ <sub>p</sub> (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   |                           |