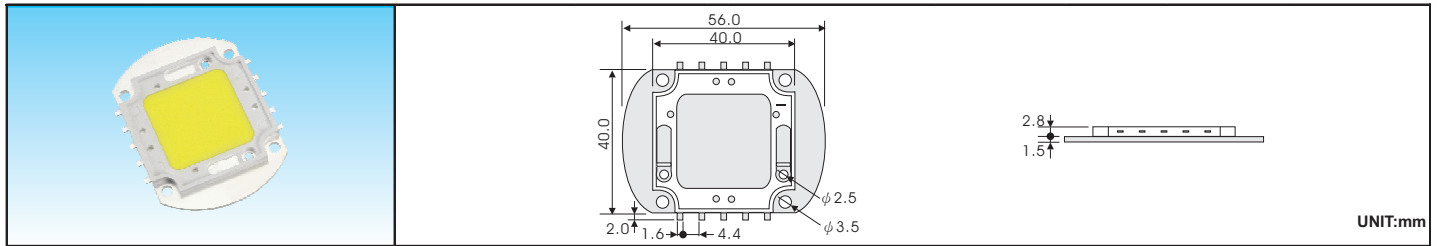




High Power 100W LEDs

IF=2800mA Ta=25°C

| Device No | Color | | Wavelength(nm) | | VF | Brightness(lm) | View |
|-----------|---------|------|----------------|-------------|-------------|----------------|-------------------------|
| | Emitter | Lens | λp | λd | Typical (V) | IV | Angle 2 θ 1/2 |



| | | | | | | | |
|-------------------------|--------------|--------------------|--------|-----|----|------|-----|
| HPR40E-43K100G | Green | White diffused | 520 | 525 | 35 | 6200 | 120 |
| HPR40E-44K100Y | Yellow | | 595 | 590 | 23 | 4300 | |
| HPR40E-45K100R | Red | | 635 | 625 | 23 | 4500 | |
| HPR40E-48K100B | Blue | | 462 | 465 | 35 | 2600 | |
| HPR40E-48K100BG | Blue | | 462 | 465 | 33 | 2880 | |
| HPR40E-19K100BW | Cool White | Yellow diffused | 8000°K | | 35 | 6500 | |
| HPR40E-19K100BWG | Cool White | | 8000°K | | 33 | 7200 | |
| HPR40E-19K100W | Pure White | | 6000°K | | 35 | 6500 | |
| HPR40E-19K100WG | Pure White | | 6000°K | | 33 | 7200 | |
| HPR40E-19K100NW | Nature White | | 4000°K | | 35 | 6350 | |
| HPR40E-19K100NWG | Nature White | | 4000°K | | 33 | 7030 | |
| HPR40E-19K100NW/CRI 90 | Nature White | | 4000°K | | 35 | 5240 | |
| HPR40E-19K100NWG/CRI 90 | Nature White | | 4000°K | | 33 | 5800 | |
| HPR40E-19K100YW | Warm White | | 3300°K | | 35 | 5850 | |
| HPR40E-19K100YWG | Warm White | | 3300°K | | 33 | 6480 | |
| HPR40E-19K100YW/CRI 90 | Warm White | | 3300°K | | 35 | 4825 | |
| HPR40E-19K100YWG/CRI 90 | Warm White | | 3300°K | | 33 | 5345 | |