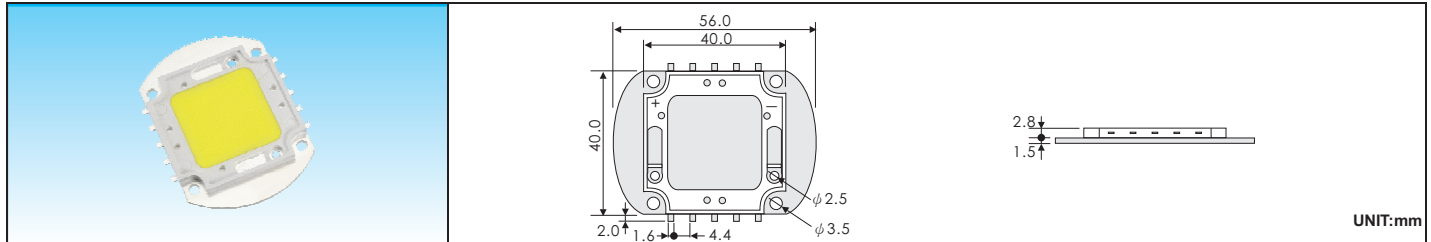


High Power 50W LEDs



IF=1750mA Ta=25°C

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



| | | | | | | | |
|--------------------------|--------------|--------------------|--------|--------|------|------|-----|
| HPR40E-43K50G | Green | White diffused | 520 | 525 | 28 | 3100 | 120 |
| HPR40E-44K50Y | Yellow | | 595 | 590 | 18 | 2150 | |
| HPR40E-45K50R | Red | | 635 | 625 | 18 | 2250 | |
| HPR40E-48K50B | Blue | | 462 | 465 | 28 | 1300 | |
| HPR40E-48K50BG | | | 27 | | 1495 | | |
| HPR40E-19K50BW | Cool White | Yellow diffused | 8000°K | 6000°K | 28 | 3250 | |
| HPR40E-19K50BWG | | | | | 27 | 3735 | |
| HPR40E-19K50BWGAA | | | | | 28 | 4100 | |
| HPR40E-19K50BWGBA | | | | | | 4340 | |
| HPR40E-19K50W | Pure White | | | | 28 | 3250 | |
| HPR40E-19K50WG | | | | | 27 | 3735 | |
| HPR40E-19K50WGAA | | | | | 28 | 4100 | |
| HPR40E-19K50WGBA | | | | | | 4340 | |
| HPR40E-19K50NW | Nature White | 28 | 3175 | | | | |
| HPR40E-19K50NWG | | 27 | 3650 | | | | |
| HPR40E-19K50NWGAA | | 28 | 3900 | | | | |
| HPR40E-19K50NWGBA | | | 4120 | | | | |
| HPR40E-19K50NW/CRI 90 | | 27 | 2620 | | | | |
| HPR40E-19K50NWG/CRI 90 | | | 3010 | | | | |
| HPR40E-19K50NWGAA/CRI 90 | | 28 | 3150 | | | | |
| HPR40E-19K50NWGBA/CRI 90 | | | 3330 | | | | |
| HPR40E-19K50YW | Warm White | 28 | 2925 | | | | |
| HPR40E-19K50YWG | | 27 | 3360 | | | | |
| HPR40E-19K50YWGAA | | 28 | 3650 | | | | |
| HPR40E-19K50YWGBA | | | 3860 | | | | |
| HPR40E-19K50YW/CRI 90 | | 27 | 2410 | | | | |
| HPR40E-19K50YWG/CRI 90 | | | 2770 | | | | |
| HPR40E-19K50YWGAA/CRI 90 | | 28 | 2950 | | | | |
| HPR40E-19K50YWGBA/CRI 90 | | | 3120 | | | | |