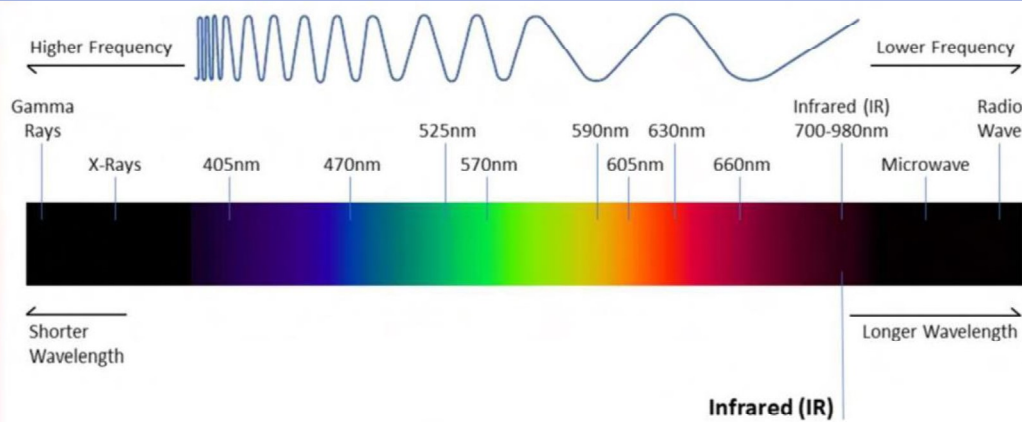


Infrared Applications



IR Applications

730nm	Intelligent transportation camera, licence plate recognition system.
808nm	Medical equipment, optical communication, infrared lighting, solid-state laser pump, iris recognition
830nm	Automatic highway card system
840nm	Waterproof IR zoom camera
850nm	Camera (video capture) digital photography, security monitoring, floor apartment intercom, burglar alarm, infrared waterproof, face recognition
870nm	Commercial and crossroad security cameras
940nm	Remote control, full covert surveillance camera

THT Lamp



- Applications:**
- Remote Control
 - Security Camera

K1



- Applications:**
- CCTV Surveillance
 - Security Camera

CHIP and PLCC LED



- Applications:**
- 3C Consumer Goods
 - Wearable Device

PLCC6 3528 RGB+IR

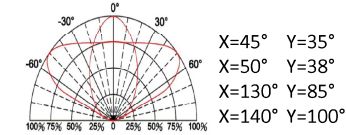


- Applications:**
- Scanning Machine
 - Money Detector

Ceramic 3535 - 16:9 Rectangular Light Pattern



3535 16:9 Rectangular



Features:

- Improve illuminating uniformity
- Upgrade vision coverage
- Enhance peripheral image quality
- Wide directivity radiation

Applications:

- Baby Monitor Camera
- CCTV in School and Hospital
- High Vision Coverage Application



Standard dom lens



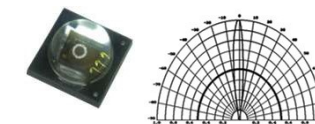
16:9 rectangular lens

EMC 3030



30° 90° 120°

Ceramic 3535BS - VCSEL



15°

Features:

- Narrow viewing angle
- High axial intensity
- Black ceramic substrate
- Far distance illumination
- Up to 200m with 2nd lens

Ceramic 3535



60° 120°

Ceramic 3535BS Single Junction / Dual Junction



90° 120°

Features:

- Black ceramic substrate
- Variable viewing angle
- Single or Dual junction pads
- Compatible solder pads
- High radiant power

EMC 3030 and Ceramic 3535 / 3535BS Applications:

- Facial Recognition
- Automotive Night Vision
- Depth Detector
- Proximity Sensor
- Drone
- Sweeping Machine
- Motion Tractor
- Traffic Surveillance
- Iris recognition
- Gesture Detector
- HD CCTV Camera
- Network Camera

ToF 3535

