**Optic**

- Developed exclusive optic design
- Effective light distribution
- >90% light transmittance

**Housing**

- Exclusive housing design
- -30° ~ +80° High - Low temperature cycles test passed
- Quick mounting design
- IP 66

**Components**

- LM-80 LED certified
- McAdam 3 step color range
- 8 KV ESD protection
- Reverse voltage protection
- Bypass circuit protection
- 145 lm/W LED efficiency
- CRI>80
- Safe LED forward current
- L70 % 45 000 hours

**Circuit**

- Safe Thermal Design
- Metal Core PCB
- 36 OZ. copper layer thickness
- Direct LED heat sing soldering
- Constant Current design
- Tinned copper wires
- > 20 AWG cables improves electrical conductivity
- Quick-fix wires