

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