



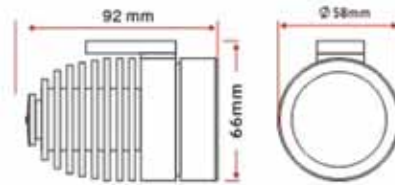
KEY FEATURES

- Angle: 45°
- High integration hybrid technology.
- Low loss, service life of up to 50,000 hours, to achieve more environmentally-friendly illumination.
- Chip take newest high integration hybrid Array technology.
- Chip was newest hybrid Array technology.
- 12VDC, built-in control circuit with constant current to ensure stability of the illuminator.
- IP67, suitable for a variety of harsh environment applications.
- WL50-45 series uses patented aluminium spiral system design to improve the heat dissipation of the illuminator.

TECHNICAL SPECIFICATIONS

lite

ANGLE	45°
VIEW RANGE	50m
WAVELENGTH	400nm
IR ON	< 5 Lux
OPERATING TEMPERATURE	-20°C ~ 60°C (Indoor / Outdoor)
OPERATING HUMIDITY	10% - 90% Rh
POWER CONSUMPTION	6W
STORAGE TEMPERATURE	-25°C ~ 85°C
IP RATING	IP67
POWER	12V DC / 800mA (Max)
EVEN LIFE	4 years
WEIGHT	320g (Max)



50m Field Test

Camera : FV58HD [1/3" EFFIO 960H]
 Lux Level : 0.005lux [Moonlight]
 Lens : Spaceom TV508DC @ F1.6



Illuminator ON



Illuminator OFF



HYBRID ARRAY LIGHT SOURCE

The LED chip uses 140 pieces of LED (Array Light Source) wafer mounted of a highly conductive ceramic board which is then enclosed in a copper enclosure.

This design ensures lower power consumption, higher light output as well as improved lifespan of the chip as heat is dissipated much more efficiently through the use of a copper enclosure.

Hybrid Array Light Source



Array Light Source



LED



HID