

DISTRIBUTOR SELECTION GUIDE

940nm Invisible IR

Low-glow night vision support | 10-100 m reference range

EST. 2012

IR lighting manufacturing experience

OWN FACTORY

Production, QC and order coordination

2-YEAR WARRANTY

Unified warranty across this range



AOE-IR94-0201

18W | 10-50 m



AOE-IR94-0204

18W | 10-50 m



AOE-IR94-0207

40W | 20-100 m

A practical four-step selection path

Start with target distance, then confirm beam angle, housing format and power input.

01 Target distance

10-50 m compact monitoring
10-80 m general CCTV
20-100 m higher-output scenes

02 Beam angle

9° / 15° for tighter reach
30° / 45° for general projects
60° / 90° for wider coverage

03 Housing format

Compact panel
Low-profile flat housing
Long-body directional housing

04 Electrical input

DC12V for most CCTV systems
DC12V/5A high-output option
AC220V option available

Portfolio map

18W to 16W

10-50 m / 10-50 m

AOE-IR94-0201
to AOE-IR94-0202

24W to 18W

10-60 m / 10-50 m

AOE-IR94-0203
to AOE-IR94-0204

24W to 48W

10-60 m / 10-80 m

AOE-IR94-0205
to AOE-IR94-0206

40W to 40W

20-100 m / 20-100 m

AOE-IR94-0207
to AOE-IR94-0207

Approved models and core specifications

Two-year warranty. Final beam angle and project configuration are confirmed before order.



AOE-IR94-0201

18W Compact 940nm IR Illuminator | 6-LED panel

940nm · 18W · 6 LEDs
Beam: 9° / 15° / 30° / 45° / 60° / 90°
Range: 10-50 m | IP66
Input: DC12V | Size: 115×85×90 mm



AOE-IR94-0202

16W Compact 940nm IR Illuminator | 8-LED panel

940nm · 16W · 8 LEDs
Beam: 15° / 30° / 45° / 60° / 90°
Range: 10-50 m | IP66
Input: DC12V | Size: 115×85×90 mm



AOE-IR94-0203

24W Flat 940nm IR Illuminator | 8-LED low-profile housing

940nm · 24W · 8 LEDs
Beam: 9° / 15° / 30° / 45° / 60° / 90°
Range: 10-60 m | IP66
Input: DC12V | Size: 135×115×40 mm



AOE-IR94-0204

18W Flat 940nm IR Illuminator | 9-LED low-profile housing

940nm · 18W · 9 LEDs
Beam: 9° / 15° / 30° / 45° / 60° / 90°
Range: 10-50 m | IP66
Input: DC12V | Size: 135×115×40 mm



AOE-IR94-0205

24W Long-body 940nm IR Illuminator | 8-LED directional housing

940nm · 24W · 8 LEDs
Beam: 15° / 30° / 45° / 60° / 90°
Range: 10-60 m | IP66
Input: DC12V | Size: 80×85×130 mm



AOE-IR94-0206

48W High-output 940nm IR Illuminator | 16-LED DC input

940nm · 48W · 16 LEDs
Beam: 15° / 30° / 45° / 60° / 90°
Range: 10-80 m | IP66
Input: DC12/5A | Size: 160×100×54 mm



AOE-IR94-0207

40W High-output 940nm IR Illuminator | 20-LED AC input

940nm · 40W · 20 LEDs
Beam: 15° / 30° / 45° / 60° / 90°
Range: 20-100 m | IP66
Input: AC220V | Size: 160×100×54 mm

Need a model recommendation?

Send target distance, scene width, camera type and power supply to sales@accurates-led.com.