

DISTRIBUTOR SELECTION GUIDE

White Light CCTV

Visible-light CCTV support | 5-300 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-WL-0501

6W | 5-30 m



AOE-WL-0507

20W | 15-90 m reference



AOE-WL-0512

150W | 50-300 m reference

A practical four-step selection path

Select target distance first, then confirm beam angle, housing size and electrical input.

01 Target distance

5-70 m compact monitoring
15-120 m general CCTV
30-300 m high-output scenes

02 Beam angle

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

03 Housing format

Compact panel
Low-profile flat housing
Large and extra-large panel

04 Electrical input

DC12V compact options
AC220V higher-output options
Built-in light sensor

Portfolio map

6W to 9W

5-30 m / 10-50 m

AOE-WL-0501
to AOE-WL-0503

18W to 15W

10-70 m / 10-70 m reference

AOE-WL-0504
to AOE-WL-0506

20W to 30W

15-90 m reference / 15-120 m reference

AOE-WL-0507
to AOE-WL-0509

60W to 150W

20-200 m reference / 50-300 m reference

AOE-WL-0510
to AOE-WL-0512

Approved models and core specifications

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



AOE-WL-0501

6W Compact White Light Illuminator | 6-LED panel

6W · 6 LEDs · 8000-10000K
Beam: 9° / 15° / 30° / 45° / 60° / 90°
Range: 5-30 m | IP66
Input: DC12V | Size: 115×85×90 mm



AOE-WL-0502

12W Compact White Light Illuminator | 6-LED panel

12W · 6 LEDs · 8000-10000K
Beam: 9° / 15° / 30° / 45° / 60° / 90°
Range: 10-60 m | IP66
Input: DC12V | Size: 115×85×90 mm



AOE-WL-0503

9W Flat White Light Illuminator | 9-LED low-profile housing

9W · 9 LEDs · 8000-10000K
Beam: 9° / 15° / 30° / 45° / 60° / 90°
Range: 10-50 m | IP66
Input: DC12V | Size: 135×114×34 mm



AOE-WL-0504

18W Flat White Light Illuminator | 9-LED low-profile housing

18W · 9 LEDs · 8000-10000K
Beam: 9° / 15° / 30° / 45° / 60° / 90°
Range: 10-70 m | IP66
Input: DC12V | Size: 135×114×34 mm



AOE-WL-0505

20W White Light Illuminator | 20-LED AC panel

20W · 20 LEDs · 8000-10000K
Beam: 15° / 30° / 45° / 60° / 90°
Range: 10-90 m | IP66
Input: AC220V | Size: 160×100×55 mm



AOE-WL-0506

15W White Light Illuminator | 15-LED large panel

15W · 15 LEDs · 8000-10000K
Beam: 45° / 15° / 30° / 60° / 90°
Range: 10-70 m reference | IP66
Input: DC12V | Size: 180×140×100 mm

Approved models and core specifications

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



AOE-WL-0507

20W White Light Illuminator | 20-LED large AC panel

20W · 20 LEDs · 8000-10000K
Beam: 45° / 15° / 30° / 60° / 90°
Range: 15-90 m reference | IP66
Input: AC220V | Size: 180×140×100 mm



AOE-WL-0508

40W White Light Illuminator | 20-LED large AC panel

40W · 20 LEDs · 8000-10000K
Beam: 45° / 15° / 30° / 60° / 90°
Range: 20-100 m reference | IP66
Input: AC220V | Size: 180×140×100 mm



AOE-WL-0509

30W White Light Illuminator | 30-LED extra-large panel

30W · 30 LEDs · 8000-10000K
Beam: 45° / 15° / 30° / 60° / 90°
Range: 15-120 m reference | IP66
Input: AC220V | Size: 225×185×150 mm



AOE-WL-0510

60W White Light Illuminator | 30-LED extra-large panel

60W · 30 LEDs · 8000-10000K
Beam: 45° / 15° / 30° / 60° / 90°
Range: 20-200 m reference | IP66
Input: AC220V | Size: 225×185×150 mm



AOE-WL-0511

100W White Light Illuminator | 50-LED high-output panel

100W · 50 LEDs · 8000-10000K
Beam: 45° / 15° / 30° / 60° / 90°
Range: 30-250 m reference | IP66
Input: AC220V | Size: 285×185×150 mm



AOE-WL-0512

150W White Light Illuminator | 50-LED high-output panel

150W · 50 LEDs · 8000-10000K
Beam: 45° / 15° / 30° / 60° / 90°
Range: 50-300 m reference | IP66
Input: AC220V | Size: 285×185×150 mm

Need a model recommendation?

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