

2026

PROFESSIONAL

LED Outdoor Lighting Catalog

2026

LED Outdoor Lighting

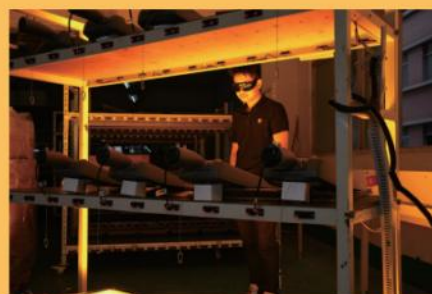
ABOUT US

Zhejiang Alite Lighting Co., Ltd. is a professional supplier of luminaires and integrates product designing, developing, manufacturing and sales together. Its main products include LED Street lights, LED Flood lights, LED Garden lights and LED HighBay lights.

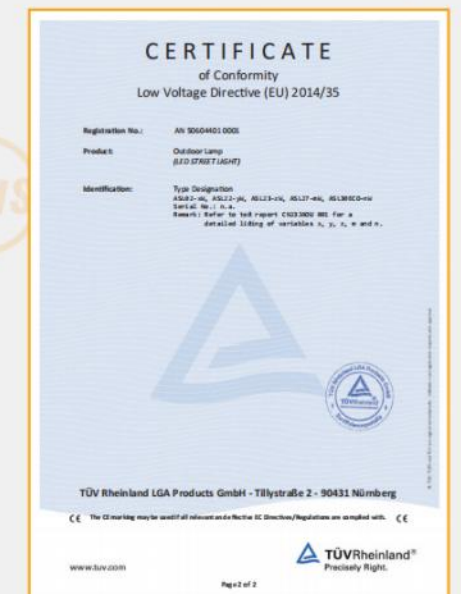
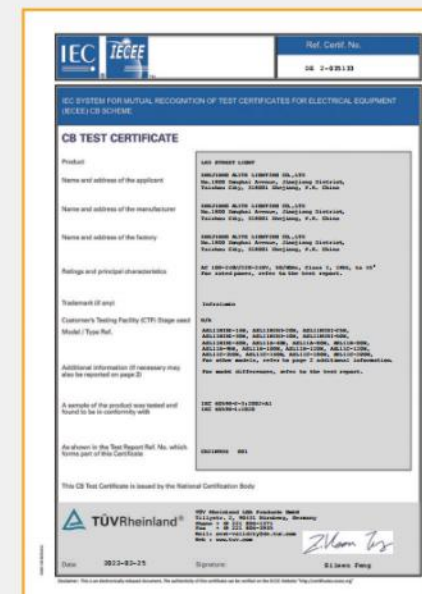
Adhering to the guideline of "Heart to Heart, Win to Win Cooperation", Alite has built up its core strengths through a full range of market research. It makes the best products which have passed ENEC, CB, CE, RoHS & SAA approvals.

Alite has a young team filled with passion. Every staff is keen on improving customer service, strengthening management and innovation with a high starting point. A down to earth spirit and a future-oriented view. Alite has won both domestic and foreign customers' praise and recognition. Its products have been exported to Europe, South America, Asia, covering more than 20 countries and areas in total.

Alite's mission is to light up the world with innovation and intelligence. It would be a great honor for us to cooperate with you and join hands to creat a bright future.



CERTIFICATION

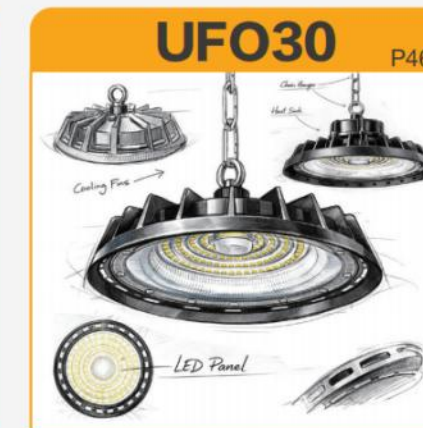




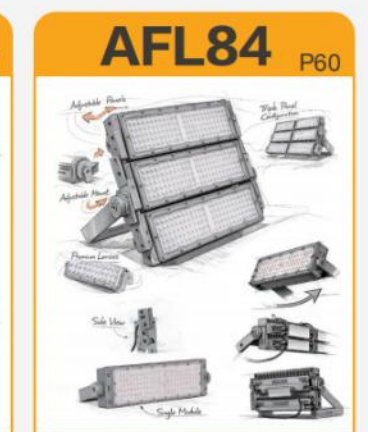
01 LED Street Lights



02 LED Highbay Lights



03 LED Flood Lights





ASL23

LED Street Light Series

IP66 IK10

CB CE ErP

MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 200Lm/W
- Tool-free access to driver compartment
- Die-casting aluminum body with anti-corrosion powder painting
- Enlarged electrical compartment to fit all internal and external accessories

ASL23 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030 SMD5050
Luminous Efficacy	200LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2200K-6500K
Beam Angle	Type I Type II Type III
Number Of Lens	A:4 Pcs B:6 Pcs C:9 Pcs D:12 Pcs
Life Time (LM-80)	100000 Hours

Electrical Parameters

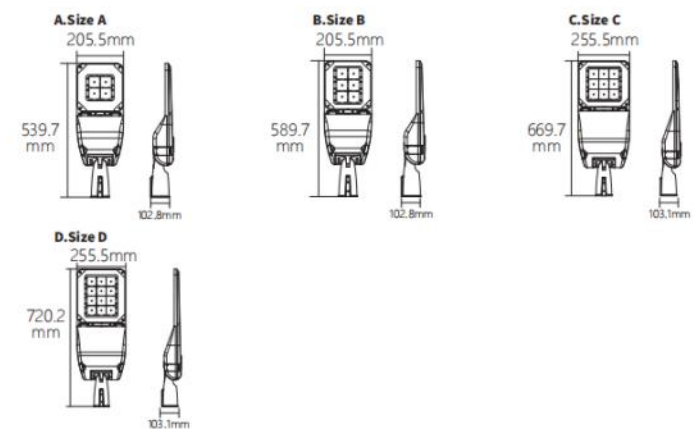
Power A	10W-50W
Power B	60W-80W
Power C	90W-150W
Power D	150W-200W
Voltage	AC85-305V
Frequency	50/60Hz
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65 IP66
IK Grade	IK08 IK09 IK10
SPD	10KV 20KV (Optional)

Driver

Brand	Philips Inventronics Meanwell Sosen Moso OEM
Power Factor	> 0.95
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 12%

Materials and Properties

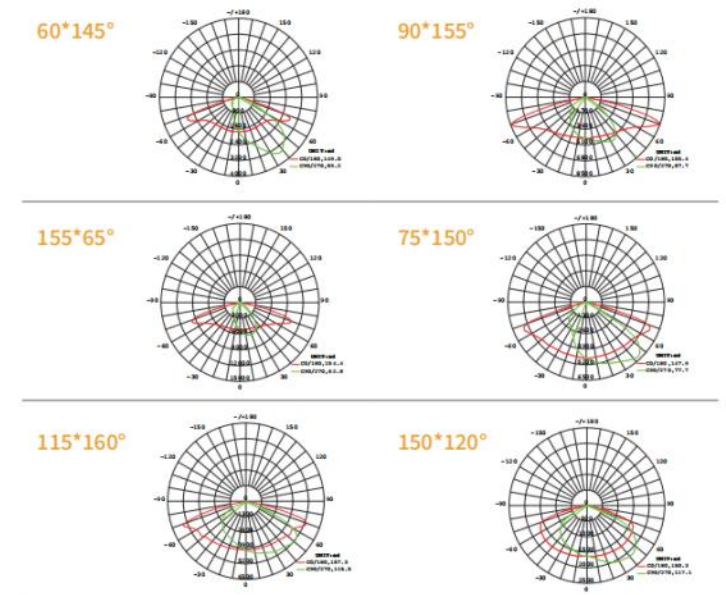
Material Of Shell	Aluminum (ADC12) + Tempered Glass
Material Of Lens	PMMA PC
Color Of Lens	Transparent / Amber
Color Of Shell	RAL 9002 RAL7040 etc (customized by customer)
Pole diameter (mm)	60
Size A (mm)	539.7*205.5*102.8
Size B (mm)	589.7*205.5*102.8
Size C (mm)	669.7*255.5*103.1
Size D (mm)	720.2*255.5*103.1



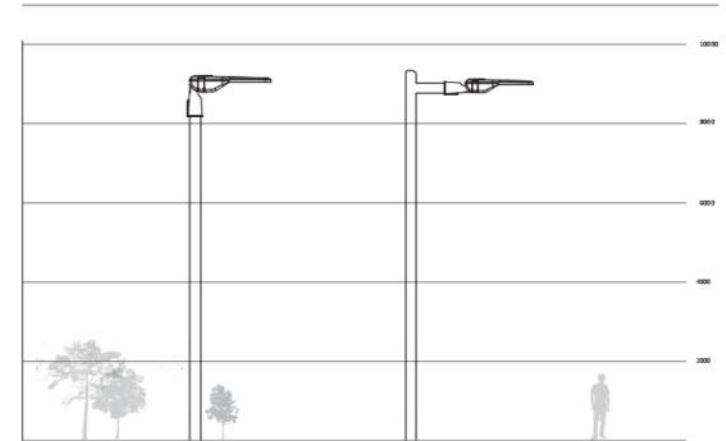
Tested according to

ENEC	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021
CB	IEC 60598-2-3:2002/AMD1:2011 IEC 60598-1:2024
CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Mounting Height

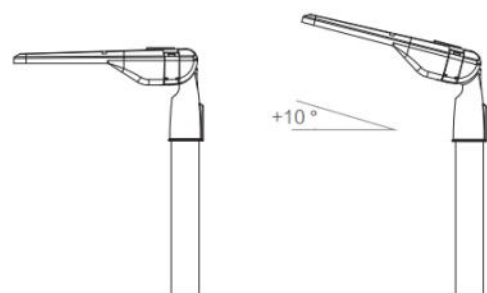


Product Details

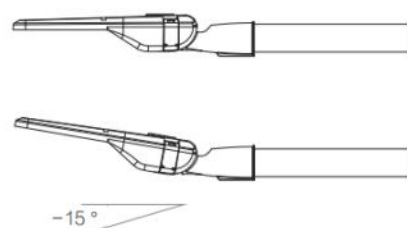


Installation Diagram

It can be installed horizontally and vertically as shown in the picture. Wide adjustable angles: from -15° to $+10^{\circ}$, 5° at a time.



1. Install the lamp to the pole and tighten the screws.
2. Loosen the connecting rod converter screws and adjust the angles.
3. Tighten the connecting rod converter screws.



ASL30

LED Street Light Series

IP66 IK10

CB CE ErP

MAIN APPLICATIONS



Advantages

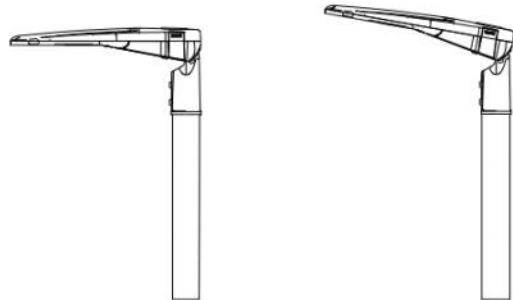
- Luminous efficacy: Up to 190Lm/W
- Tunable CCT is also available
- Smart street lighting can be integrated optionally
- Modern design and robust construction

Product Details

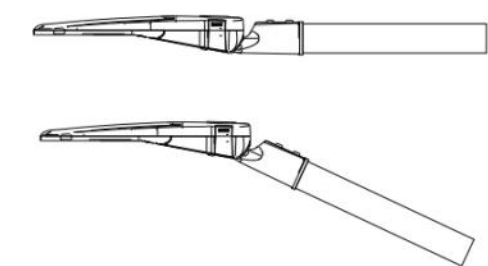


Installation Diagram

It can be installed horizontally and vertically as shown in the picture. Wide adjustable angles: from -15 ° to + 15 ° , 5° at a time.



1. Install the lamp to the pole and tighten the screws.
2. Loosen the connecting rod converter screws and adjust the angles.
3. Tighten the connecting rod converter screws.



ASL30 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030 SMD5050
Luminous Efficacy	190LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2200K-6500K
Beam Angle	Type I Type II Type III
Number Of Lens	A:6 Pcs B:9 Pcs C:12 Pcs
Life Time (LM-80)	100000 Hours

Electrical Parameters

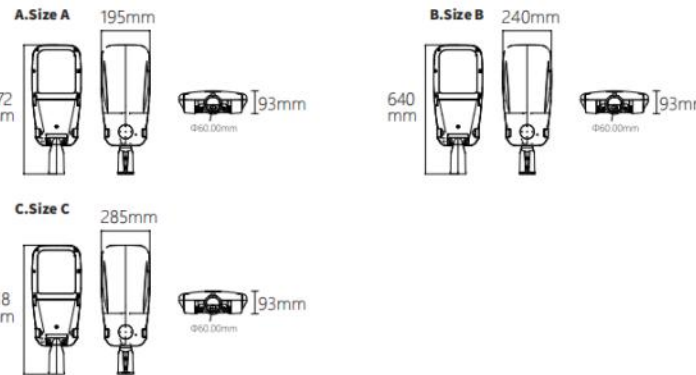
Power A	10W-80W
Power B	80W-120W
Power C	120W-200W
Voltage	AC85-305V
Frequency	50/60Hz
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65 IP66
IK Grade	IK08 IK09 IK10
SPD	10KV 20KV (Optional)
Socket	NEMA / Top and Bottom Zhaga

Driver

Brand	Philips Inventronics Meanwell Sosen Moso OEM
Power Factor	> 0.95
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 12%

Materials and Properties

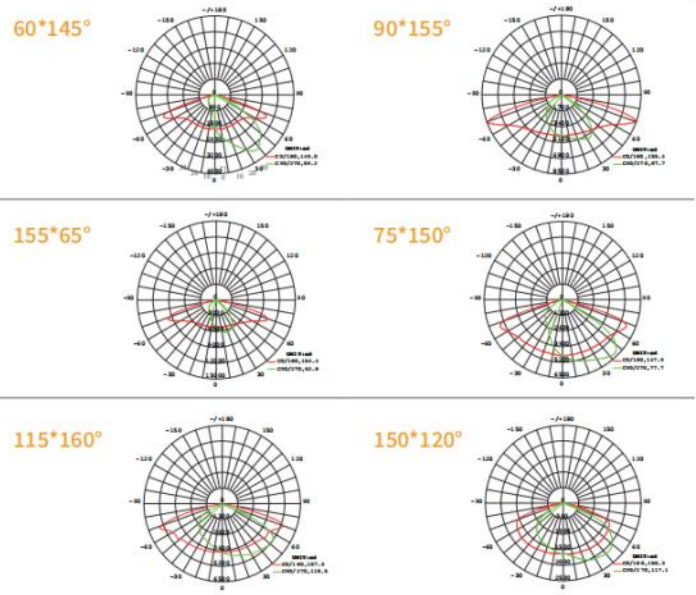
Material Of Shell	Aluminum (ADC12) + Tempered Glass
Material Of Lens	PMMA PC
Color Of Lens	Transparent / Amber
Color Of Shell	RAL 9002 RAL7040 etc (customized by customer)
Pole diameter (mm)	60
Size A (mm)	572*195*93
Size B (mm)	640*240*93
Size C (mm)	718*285*99



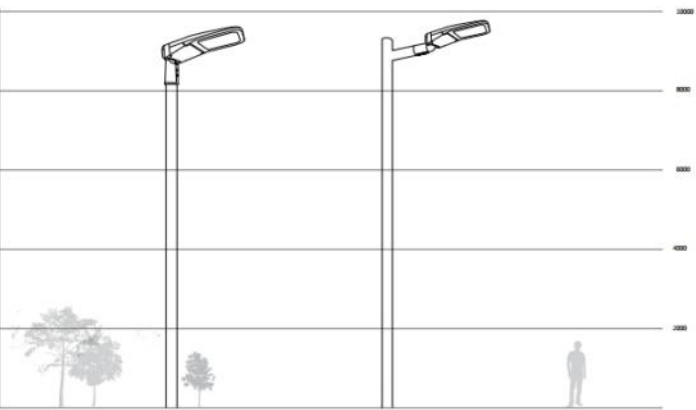
Tested according to

ENEC	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021
CB	IEC 60598-2-3:2002/AMD1:2011 IEC 60598-1:2024
CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Mounting Height





ASL05

LED Street Light Series



MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 200Lm/W
- Tool-free access to driver compartment
- Die-casting aluminum body with anti-corrosion powder painting
- Modern design and robust construction

ASL05 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030 SMD5050
Luminous Efficacy	200LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2200K-6500K
Beam Angle	Type I Type II Type III
Number Of Lens	A:4 Pcs B:9 Pcs C:16 Pcs
Life Time (LM-80)	100000 Hours

Electrical Parameters

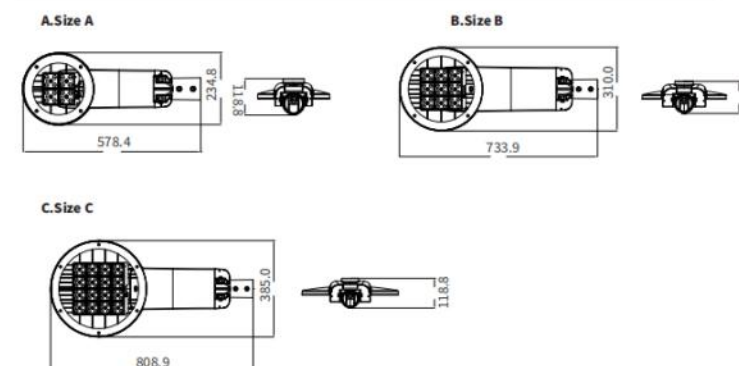
Power A	10W-60W
Power B	70W-120W
Power C	130W-200W
Voltage	AC85-305V
Frequency	50/60Hz
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65 IP66
IK Grade	IK08 IK09 IK10
SPD	10KV 20KV (Optional)
Socket	NEMA / Top and Bottom Zhaga

Driver

Brand	Philips Inventronics Meanwell Sosen Moso OEM
Dimming	DALI / 1 - 10 V / Midnight dimming / Step dimming / Mains dimming
Power Factor	> 0.95
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 12%

Materials and Properties

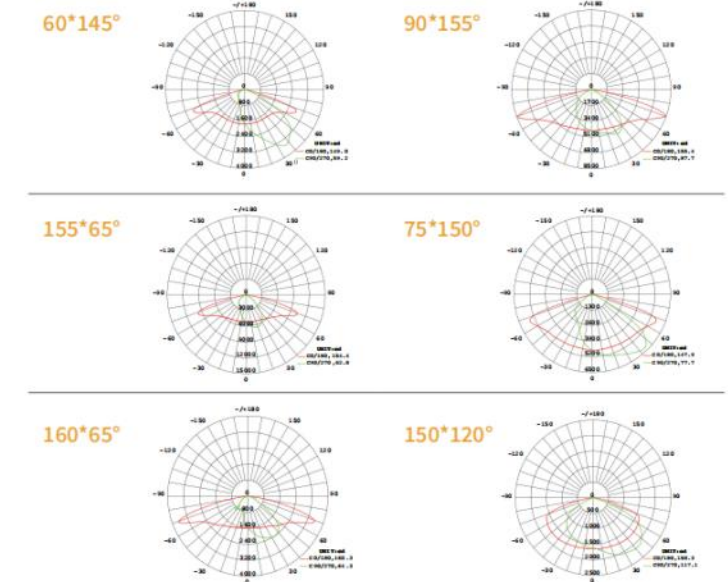
Material Of Shell	Aluminum (ADC12) + Tempered Glass
Material Of Lens	PMMA PC
Color Of Lens	Transparent / Amber
Color Of Shell	RAL 9002 RAL 7040 etc (customized by customer)
Pole diameter (mm)	60
Size A (mm)	578.4*234.8*118.8
Size B (mm)	733.9*310*118.8
Size C (mm)	808.9*385*118.8



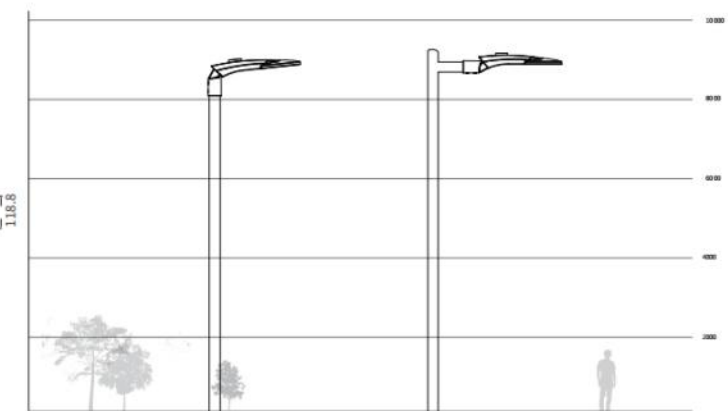
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CB	IEC 60598-2-3:2002/AMD1:2011 IEC 60598-1:2024
CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Mounting Height



Product Details



Buckle switch design



① Pull the snap



② Shrapnel ejection



③ Lamp cover open

Installation Diagram



Cross fit



Vertical erection



Angle Adjustable



ASL31

LED Street Light Series

IP66 IK10

CB CE ErP

MAIN APPLICATIONS



Advantages

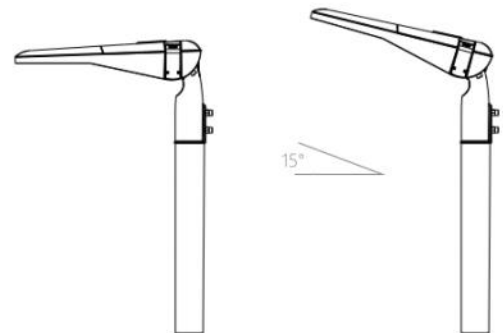
- Luminous efficacy: Up to 200Lm/W
- Tool-free access to driver compartment
- Die-casting aluminum body with anti-corrosion powder painting
- Modern design and robust construction

Product Details

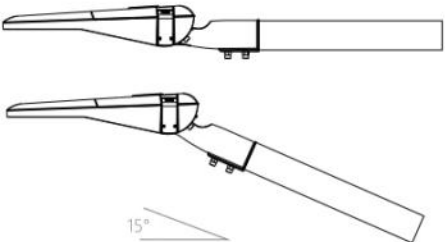


Installation Diagram

It can be installed horizontally and vertically as shown in the picture. Wide adjustable agles: from -15° to +15°, 5° at a time.



1. Install the lamp to the pole and tighten the screws.
2. Loosen the connecting rod converter screws and adjust the angles.
3. Tighten the connecting rod converter screws.



ASL31 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030 SMD5050
Luminous Efficacy	200LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2200K-6500K
Beam Angle	Type I Type II Type III
Number Of Lens	A:4 Pcs B:6 Pcs C:9 Pcs D:12 Pcs E:16 Pcs F:20 Pcs
Life Time (LM-80)	100000 Hours

Electrical Parameters

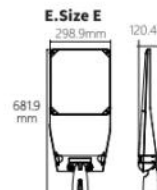
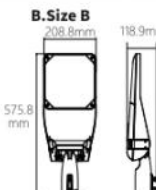
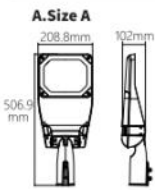
Power A	10W-50W
Power B	60W-80W
Power C	90W-120W
Power D	130W-160W
Power E	170W-200W
Power F	210W-240W
Voltage	AC85-305V
Frequency	50/60Hz
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65 IP66
IK Grade	IK08 IK09 IK10
SPD	10KV 20KV (Optional)
Socket	NEMA / Top and Bottom Zhaga

Driver

Brand	Philips Inventronics Meanwell Sosen Moso OEM
Power Factor	> 0.95
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 12%

Materials and Properties

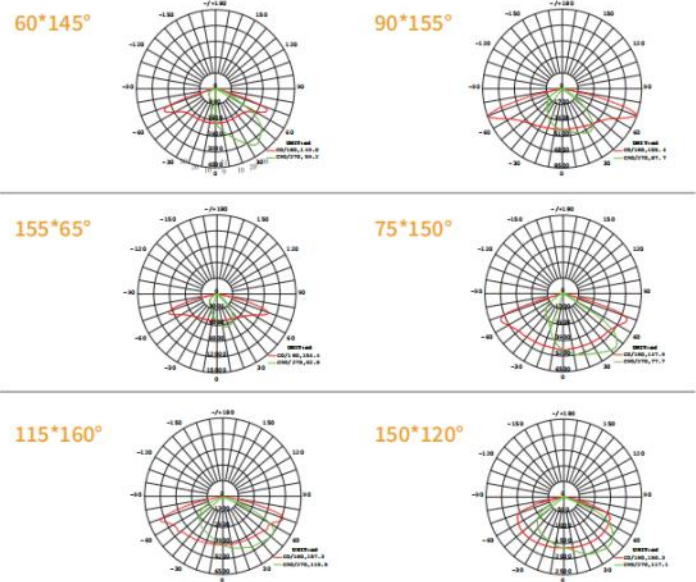
Material Of Shell	Aluminum (ADC12) + Tempered Glass
Material Of Lens	PMMA PC
Color Of Lens	Transparent / Amber
Color Of Shell	RAL 9002 RAL7040 etc (customized by customer)
Pole diameter (mm)	60 76
Size A (mm)	506.9*208.8*102
Size B (mm)	575.8*208.8*118.9
Size C (mm)	632.3*244.9*120.3
Size D (mm)	682.3*244.9*120.4
Size E (mm)	681.9*298.9*120.4
Size F (mm)	732.3*298.9*120.4



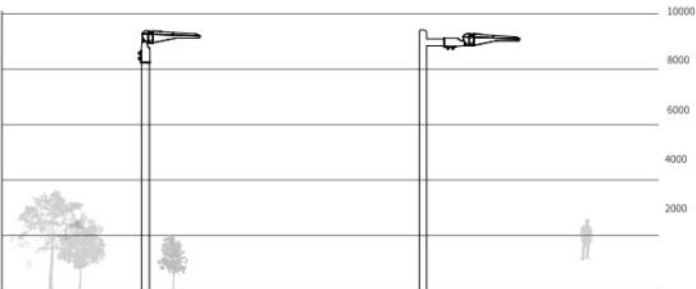
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ENEC	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021
CB	IEC 60598-2-3:2002/AMD1:2011 IEC 60598-1:2024
CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Mounting Height





ASL27

LED Street Light Series

IP66 IK10

CB CE ErP

MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 200Lm/W
- Tool-free access to driver compartment
- Die-casting aluminum body with anti-corrosion powder painting
- Modern design and robust construction

ASL27 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030 SMD5050
Luminous Efficacy	200LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2200K-6500K
Beam Angle	Type I Type II Type III
Number Of Lens	A:4 Pcs B:6 Pcs C:9 Pcs D:12 Pcs E:20 Pcs F:25 Pcs
Life Time (LM-80)	100000 Hours

Electrical Parameters

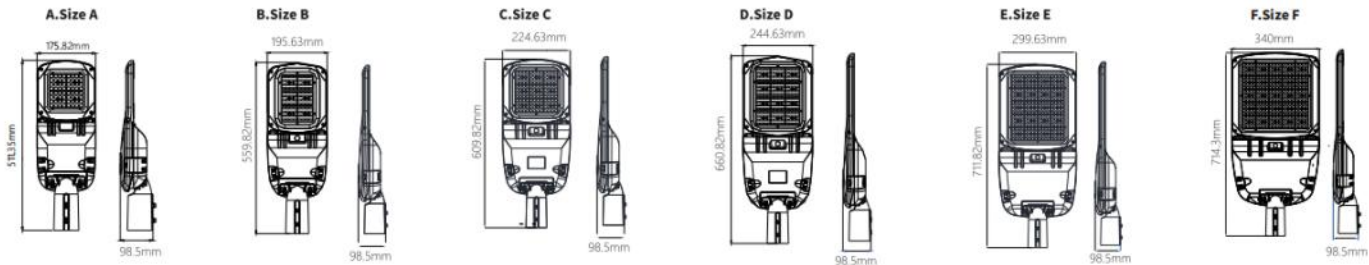
Power A	10W-50W
Power B	60W-80W
Power C	90W-120W
Power D	130W-160W
Power E	170W-250W
Power F	260W-320W
Voltage	AC85-305V
Frequency	50/60Hz
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
IP Grade	IP65 IP66
IK Grade	IK08 IK09 IK10
SPD	10KV 20KV (Optional)
Socket	NEMA / Top and Bottom Zhaga

Driver

Brand	Philips Inventronics Meanwell Sosen Moso OEM
Power Factor	> 0.95
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 12%

Materials and Properties

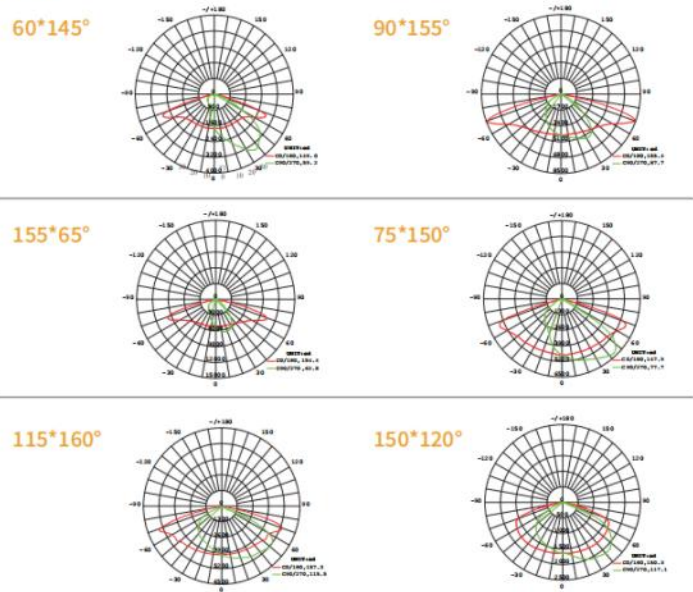
Material Of Shell	Aluminum (ADC12) + Tempered Glass
Material Of Lens	PMMA PC
Color Of Lens	Transparent / Amber
Color Of Shell	RAL 9002 RAL7040 etc (customized by customer)
Pole diameter (mm)	60
Size A (mm)	511.35*175.82*98.5
Size B (mm)	559.82*195.63*98.5
Size C (mm)	609.82*244.63*98.5
Size D (mm)	660.82*244.63*98.5
Size E (mm)	711.82*299.63*98.5
Size F (mm)	714.3*340*98.5



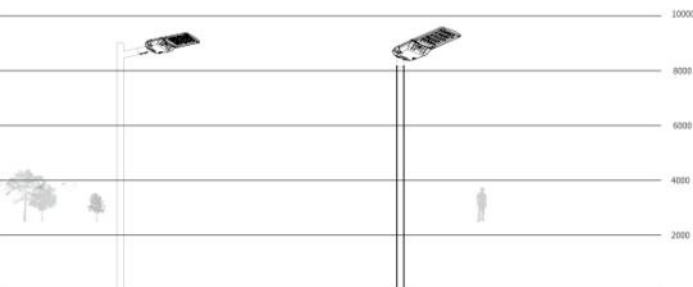
Tested according to

ENEC	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021
CB	IEC 60598-2-3:2002/AMD1:2011 IEC 60598-1:2024
CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Mounting Height

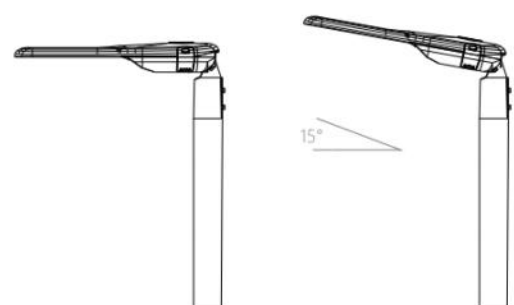


Product Details

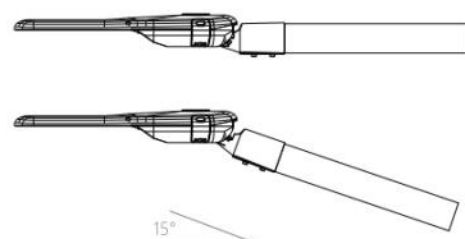


Installation Diagram

It can be installed horizontally and vertically as shown in the picture. Wide adjustable angles: from -15° to $+15^{\circ}$, 5° at a time.



1. Install the lamp to the pole and tighten the screws.
2. Loosen the connecting rod converter screws and adjust the angles.
3. Tighten the connecting rod converter screws.



ASP01

LED Street Light Series

IP66 IK10

CB CE ErP

MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 200Lm/W
- Tool-free access to driver compartment
- Die-casting aluminum body with anti-corrosion powder painting



Installation Diagram



Wall straight rod installation



Straight cement pole installation



Wall bend installation



Cement pole bent pipe installation

ASP01 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030 SMD5050
Luminous Efficacy	200LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2200K-6500K
Beam Angle	Type I Type II Type III
Number Of Lens	A:6 Pcs B:9 Pcs C:12 Pcs D:15Pcs
Life Time (LM-80)	100000 Hours

Electrical Parameters

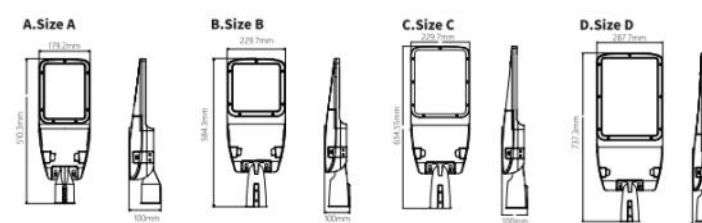
Power A	10W-50W
Power B	60W-100W
Power C	110W-150W
Power D	160W-200W
Voltage	AC85-305V
Frequency	50/60Hz
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP66
IK Grade	IK08 IK09 IK10
SPD	10KV 20KV (Optional)
Socket	NEMA / Top and Bottom Zhaga

Driver

Brand	Philips Inventronics Meanwell Sosen Moso OEM
Power Factor	> 0.95
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 12%

Materials and Properties

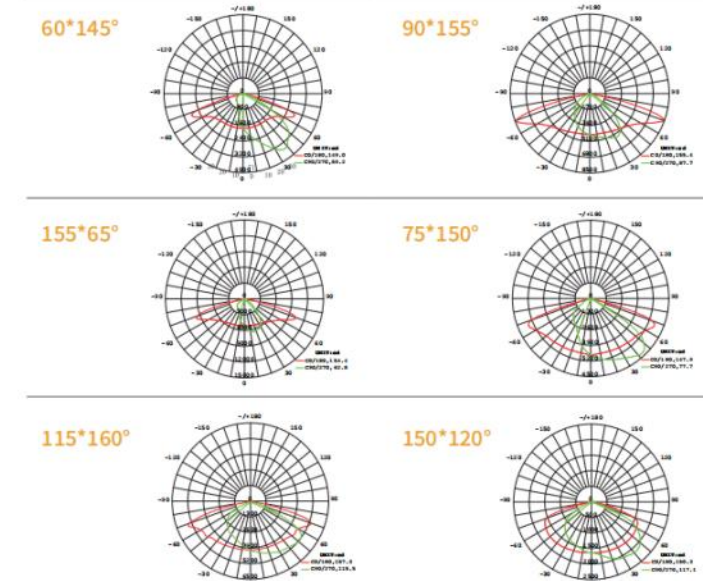
Material Of Shell	Aluminum (ADC12) + Tempered Glass
Material Of Lens	PMMA PC
Color Of Lens	Transparent / Amber
Color Of Shell	RAL 9002 RAL7040 etc (customized by customer)
Pole diameter (mm)	60
Size A (mm)	179*510*100
Size B (mm)	230*584*100
Size C (mm)	230*635*100
Size D (mm)	288*737*100



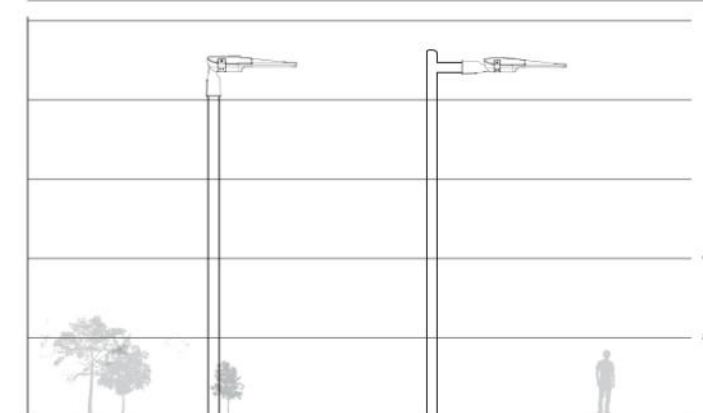
Tested according to

ENEC	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021
CB	IEC 60598-2-3:2002/AMD1:2011 IEC 60598-1:2024
CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Mounting Height





ASL22

LED Street Light Series

IP66 IK10

CB CE ErP

MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 200Lm/W
- Tool-free access to driver compartment
- Die-casting aluminum body with anti-corrosion powder painting
- Modern design and robust construction

ASL22 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030 SMD5050
Luminous Efficacy	200LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2200K-6500K
Beam Angle	Type I Type II Type III
Number Of Lens	A: 6 Pcs B: 9 Pcs C: 16 Pcs
Life Time (LM-80)	100000 Hours

Electrical Parameters

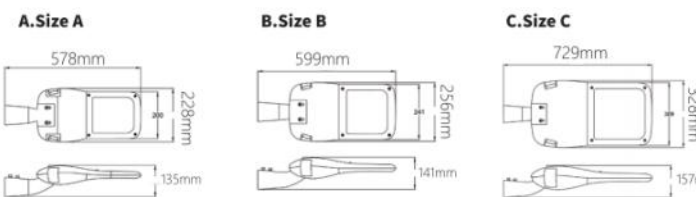
Power A	10W-80W
Power B	90W-150W
Power C	160W-240W
Voltage	AC85-305V
Frequency	50/60Hz
Electrical Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65 IP66
IK Grade	IK08 IK09 IK10
SPD	10KV 20KV (Optional)
Socket	NEMA / Top and Bottom Zhaga

Driver

Brand	Philips Inventronics Meanwell Sosen Moso OEM
Power Factor	> 0.95
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 12%

Materials and Properties

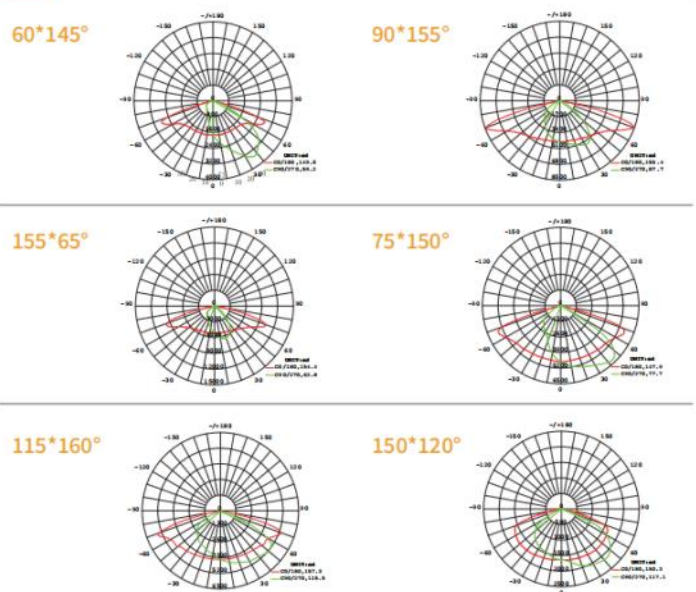
Material Of Shell	Aluminum (ADC12) + Tempered Glass
Material Of Lens	PMMA PC
Color Of Lens	Transparent / Amber
Color Of Shell	RAL 9002 RAL7040 etc (customized by customer)
Pole diameter (mm)	60
Size A (mm)	578*228*135
Size B (mm)	599*256*141
Size C (mm)	729*328*157



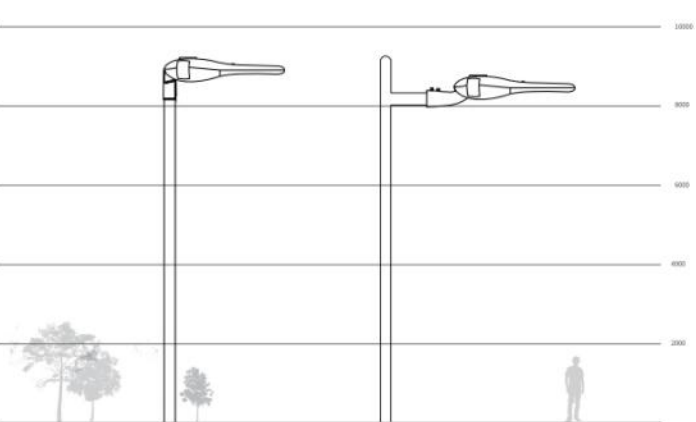
Tested according to

ENEC	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021
CB	IEC 60598-2-3:2002/AMD1:2011 IEC 60598-1:2024
CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

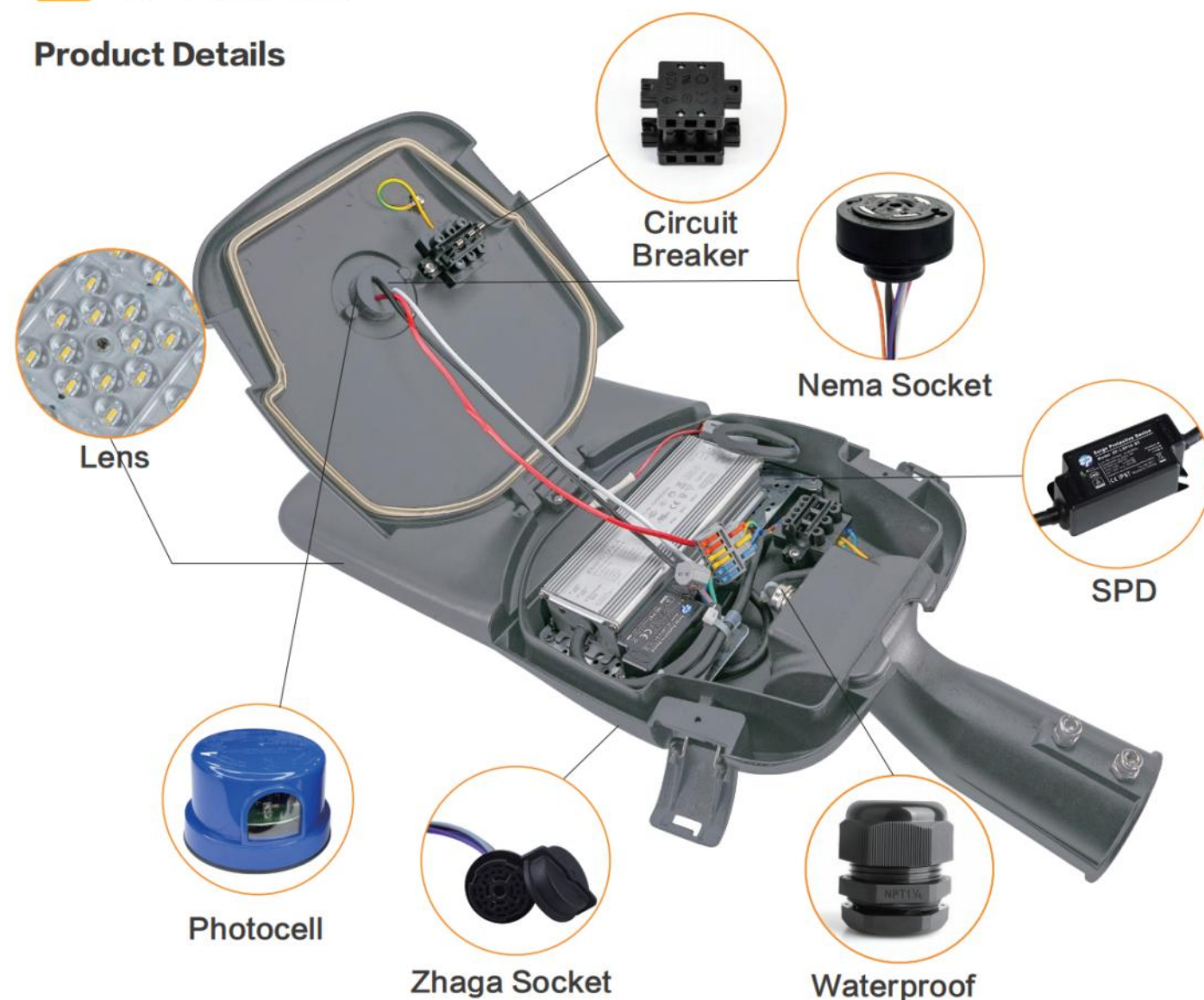
Typical Photometric Features



Mounting Height

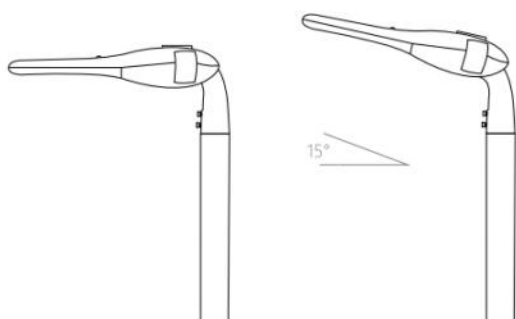


Product Details

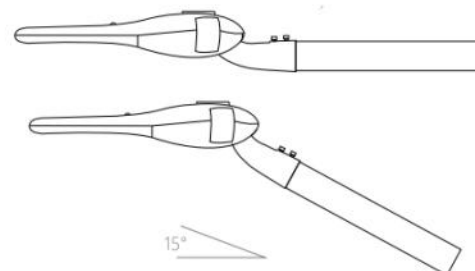


Installation Diagram

It can be installed horizontally and vertically as shown in the picture. Wide adjustable angles: from -15° to $+15^\circ$, 5° at a time.



1. Install the lamp to the pole and tighten the screws.
2. Loosen the connecting rod converter screws and adjust the angles.
3. Tighten the connecting rod converter screws.



ASC05

LED Street Light Series

IP66 IK10

CB CE ErP

MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 190Lm/W
- LED board and LED driver housed in the same compartment, enabling easy maintenance.

Product Details



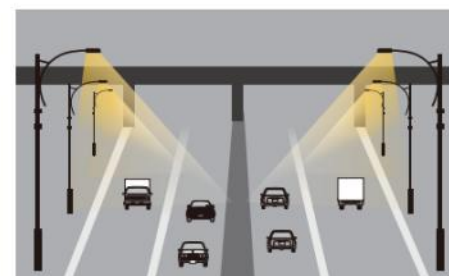
1 Brand driver



2 Detachable Driver



Road types



Installation Diagram



Wall straight rod installation



Straight cement pole installation



Wall bend installation



Cement pole bent pipe installation

ASC05 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030 SMD5050
Luminous Efficacy	190LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2200K-6500K
Beam Angle	Type I Type II Type III
Number Of Lens	A:6 Pcs B:9 Pcs C:12 Pcs
Life Time (LM-80)	100000 Hours

Electrical Parameters

Power A	10W-80W
Power B	90W-120W
Power C	130W-200W
Voltage	AC85-305V
Frequency	50/60Hz
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP66
IK Grade	IK08 IK09 IK10
SPD	10KV 20KV (Optional)
Socket	NEMA

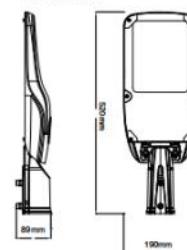
Driver

Brand	Philips Inventronics OEM Moso Detachable Driver
Power Factor	> 0.95
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 12%

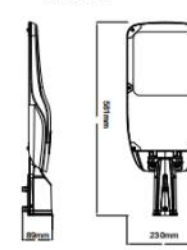
Materials and Properties

Material Of Shell	Aluminum (ADC12) + Tempered Glass
Material Of Lens	PMMA PC
Color Of Lens	Transparent / Amber
Color Of Shell	RAL 9002 RAL7040 etc (customized by customer)
Pole diameter (mm)	60
Size A (mm)	520*190*89
Size B (mm)	581*230*89
Size C (mm)	612*240*90

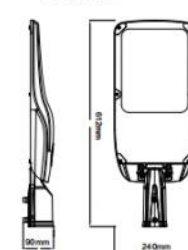
A.Size A



B.Size B



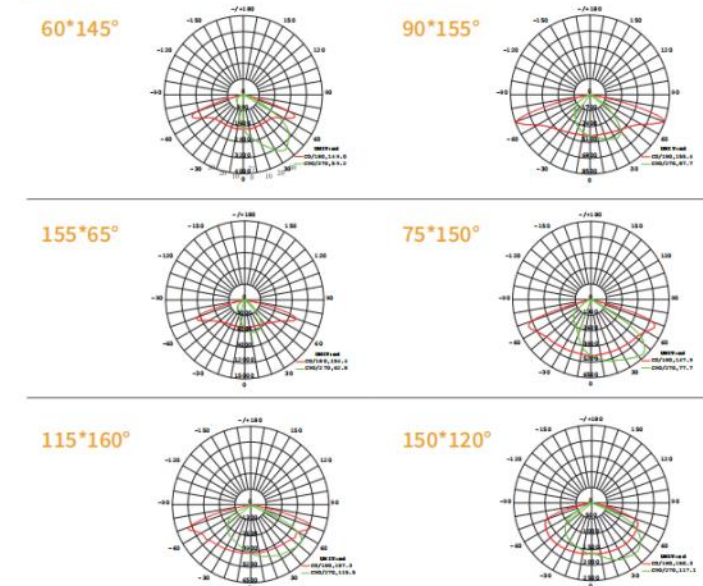
C.Size C



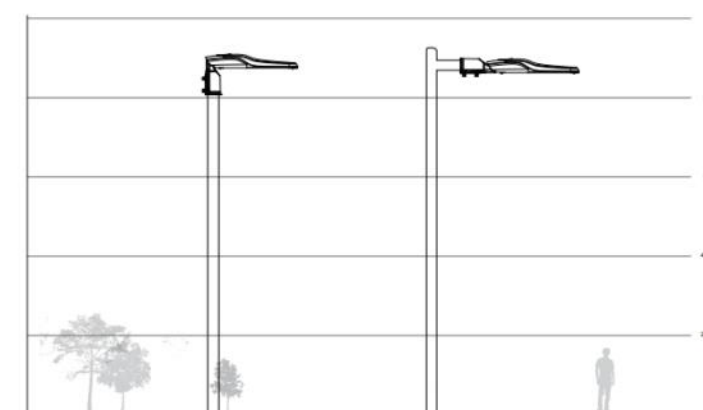
Tested according to

ENEC	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021
CB	IEC 60598-2-3:2002/AMD1:2011 IEC 60598-1:2024
CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Mounting Height





ASC06

LED Street Light Series

IP65 IK09

CE ErP

MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 190Lm/W
- Extra Photocell can be integrated

ASC06 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD2835 SMD3030
Luminous Efficacy	160LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2200K-6500K
Beam Angle	150°/80°
Number Of Leds	A:72 Pcs B:144 Pcs C:192 Pcs D:240 Pcs
Life Time (LM-80)	50000 Hours

Electrical Parameters

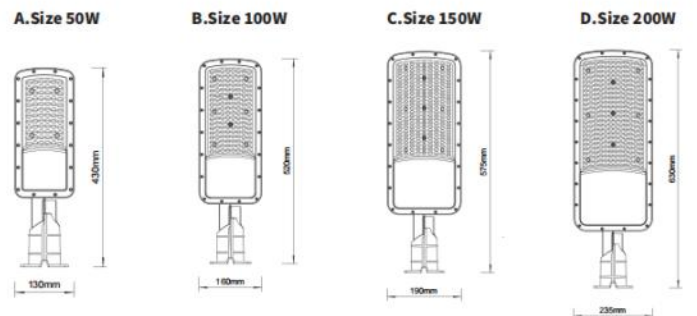
Power A	50W
Power B	100W
Power C	150W
Power D	200W
Voltage	AC100-265V
Frequency	50/60Hz
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65
IK Grade	IK08
SPD	10KV 20KV (Optional)

Driver

Type	Linear DOB Non-Isolated
Power Factor	> 0.95
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 12%

Materials and Properties

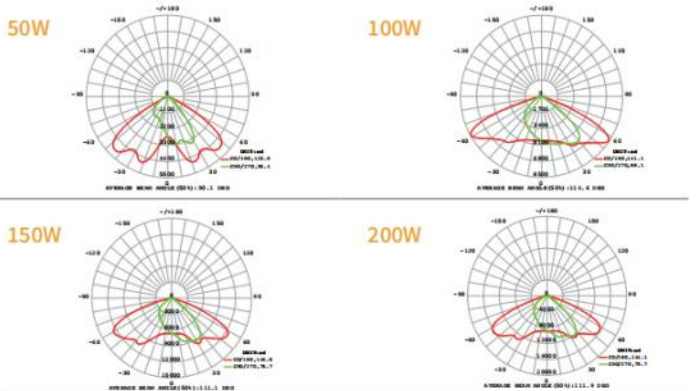
Material Of Shell	Aluminum (ADC12) + PC
Material Of Lens	PC
Color Of Lens	Transparent
Color Of Shell	RAL 9002 RAL7040 etc (customized by customer)
Pole diameter (mm)	60
Size 50W (mm)	430*130*90
Size 100W (mm)	520*160*90
Size 150W (mm)	575*190*90
Size 200W (mm)	630*235*90



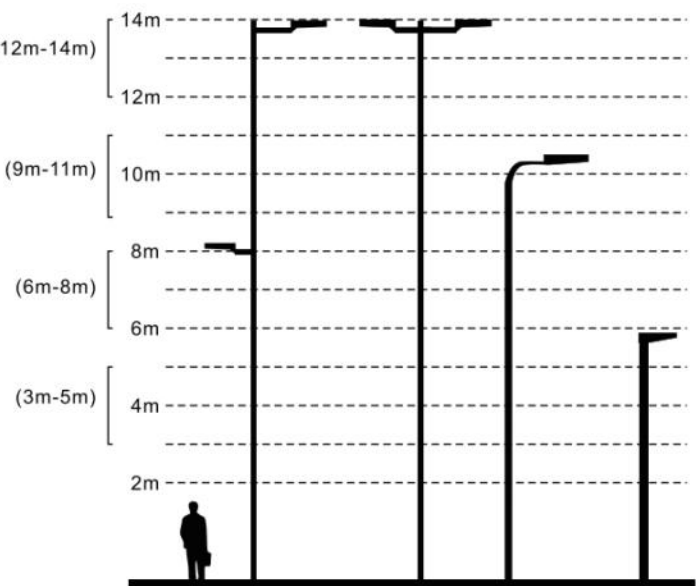
Tested according to

CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Mounting Height



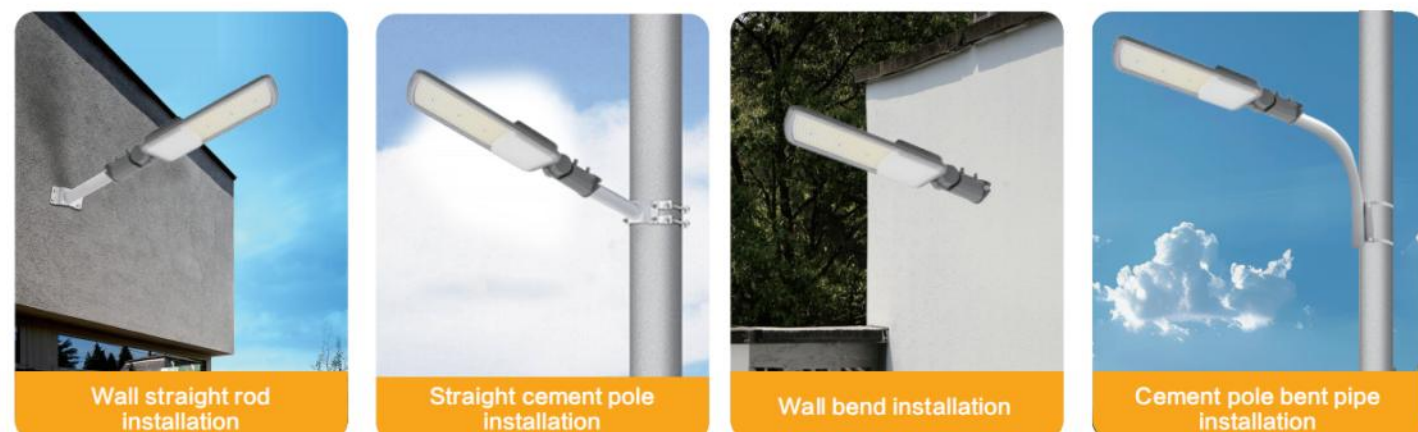
Product Display



Road types



Installation Diagram



ASL74

LED Street Light Series

IP66 IK08

CE ErP

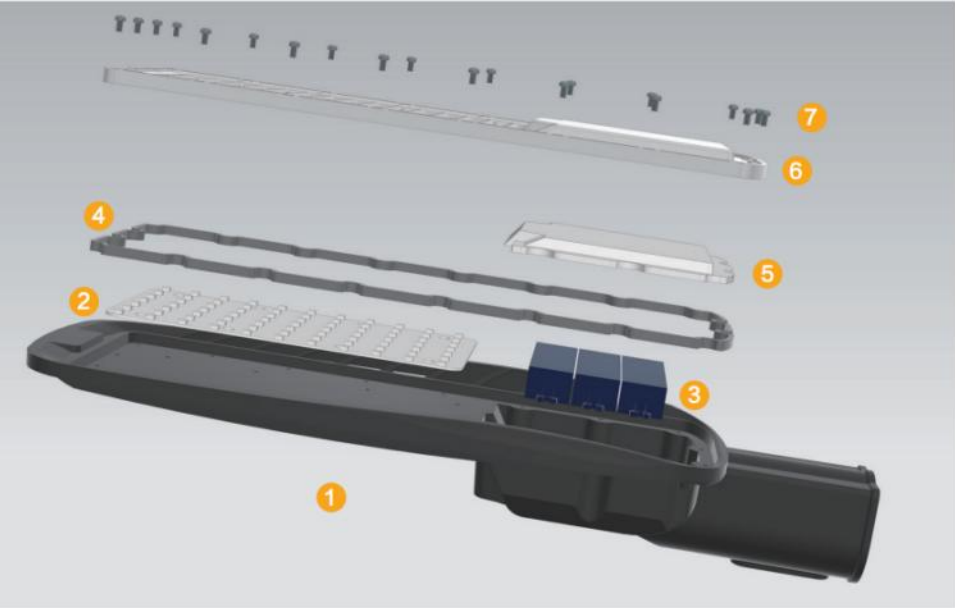
MAIN APPLICATIONS



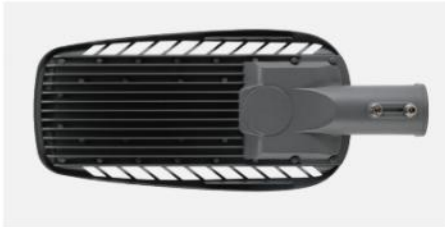
Advantages

- Luminous efficacy: Up to 190Lm/W
- Excellent thermal control
- Extra 10KV/20KV SPD can be intergrated.
- Motion sensor can be integrated optionally.

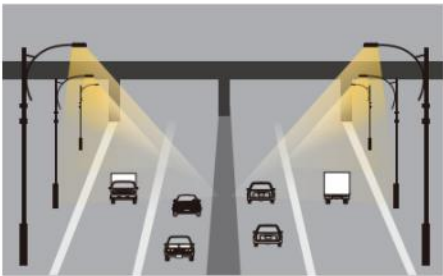
Product Details



- 1 Aluminum housing
- 2 LED light board
- 3 LED driver
- 4 Waterproof ring
- 5 Reflector
- 6 Lens
- 7 Lens screw



Road types



Installation Diagram



Wall straight rod installation



Straight cement pole installation



Wall bend installation



Cement pole bent pipe installation

ASL74 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD2835 SMD3030
Luminous Efficacy	190LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2700K-6500K
Beam Angle	160X100°
Number Of Leds	A:48Pcs B:72 Pcs C:144Pcs D:180/225 Pcs
Life Time (LM-80)	50000 Hours

Electrical Parameters

Power A	30W
Power B	50W
Power C	100W
Power D	150W
Voltage	AC100-277V
Frequency	50/60Hz
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP66
IK Grade	IK08
SPD	10KV 20KV (Optional)

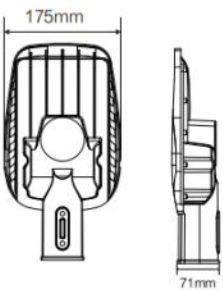
Driver

Brand	Non-Isolated Isolated sosen suncom
Power Factor	> 0.90
Performance	> 90%
THD	< 15%

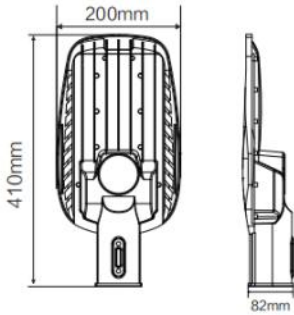
Materials and Properties

Material Of Shell	Aluminum (ADC12) + PC
Material Of Lens	PC
Color Of Shell	RAL 9002 RAL7040 etc (customized by customer)
Pole diameter (mm)	60
Size A (mm)	326*175*71
Size B (mm)	410*200*82
Size C (mm)	545*230*86
Size D (mm)	610*252*86

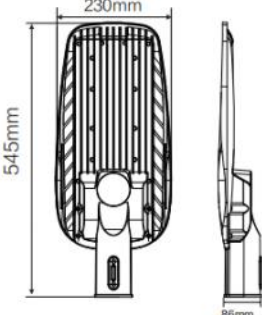
A. Size A



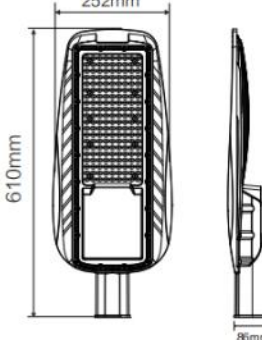
B. Size B



B. Size C



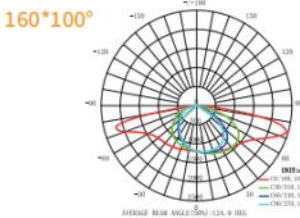
B. Size D



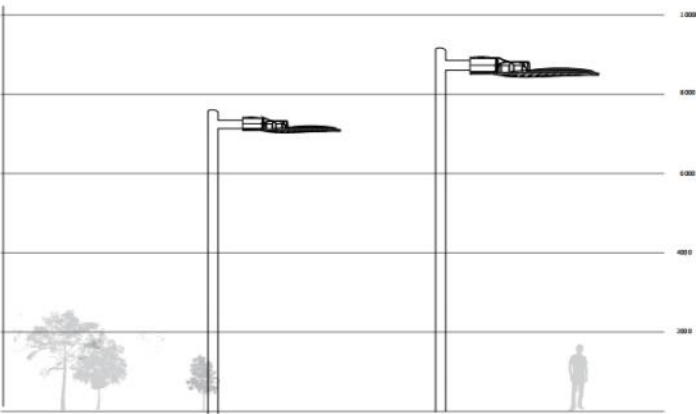
Tested according to

CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Mounting Height





ASC02

LED Street Light Series

IP66 IK08

CE ErP

MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 220Lm/W
- Optimized efficiency and light mode control.
- Durable outdoor lens material with consistent photometric performance.
- Smart street lighting can be integrated optionally.

ASC02 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030 SMD5050
Luminous Efficacy	220LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2200K-6500K
Beam Angle	150X80°
Number Of Leds	SMD3030- A:72Pcs B:144Pcs SMD5050- A:36Pcs B:72Pcs
Life Time (LM-80)	100000 Hours

Electrical Parameters

Power A	50W
Power B	100W
Voltage	AC85-305V
Frequency	50/60Hz
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP66
IK Grade	IK08
SPD	10KV 20KV (Optional)

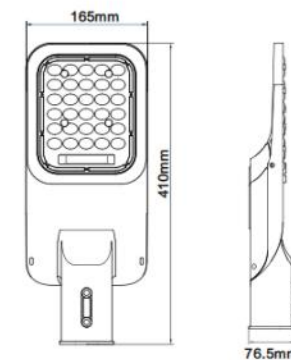
Driver

Brand	Philips Inventronics Meanwell Sosen Moso OEM
Power Factor	> 0.95
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 12%

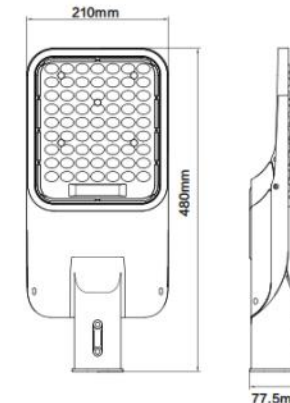
Materials and Properties

Material Of Shell	Aluminum (ADC12) + PC
Material Of Lens	PMMA PC
Color Of Lens	Transparent / Amber
Color Of Shell	RAL 9002 RAL7040 etc (customized by customer)
Pole diameter (mm)	60
Size A (mm)	410*165*76.5
Size B (mm)	480*210*77.5

A. Size A



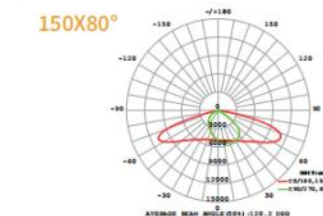
B. Size B



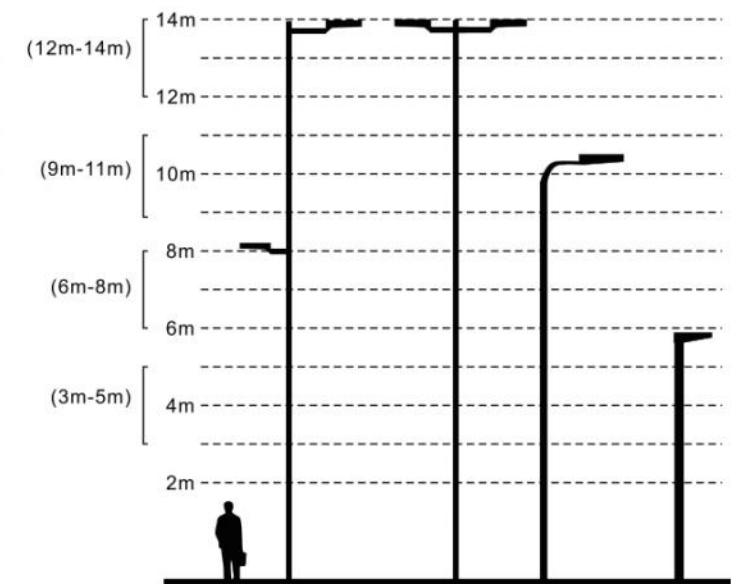
Tested according to

CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Mounting Height



Product Details



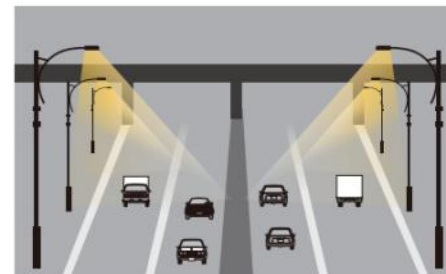
1 Driver Brand



2 Detachable Driver



Road types



Installation Diagram



Wall straight rod installation



Straight cement pole installation



Wall bend installation



Cement pole bent pipe installation



ASC04

LED Street Light Series

IP65 IK10

CE ErP

MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 190Lm/W
- Extra Photocell can be integrated

Product Details



Road types



Installation Diagram



ASC04 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030 SMD5050
Luminous Efficacy	190LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2200K-6500K
Beam Angle	Type I Type II Type III
Number Of Lens	A:6 Pcs B:9 Pcs C:12 Pcs D:20 Pcs
Life Time (LM-80)	100000 Hours

Electrical Parameters

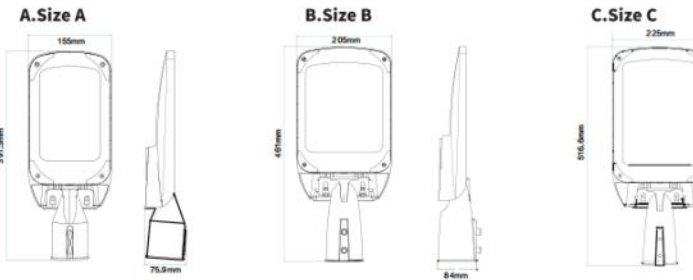
Power A	50W
Power B	100W
Power C	150W
Power D	200W
Voltage	AC85-305V
Frequency	50/60Hz
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65
IK Grade	IK08 IK09 IK10
SPD	10KV 20KV (Optional)

Driver

Brand	OEM Detachable Driver
Power Factor	> 0.95
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 12%

Materials and Properties

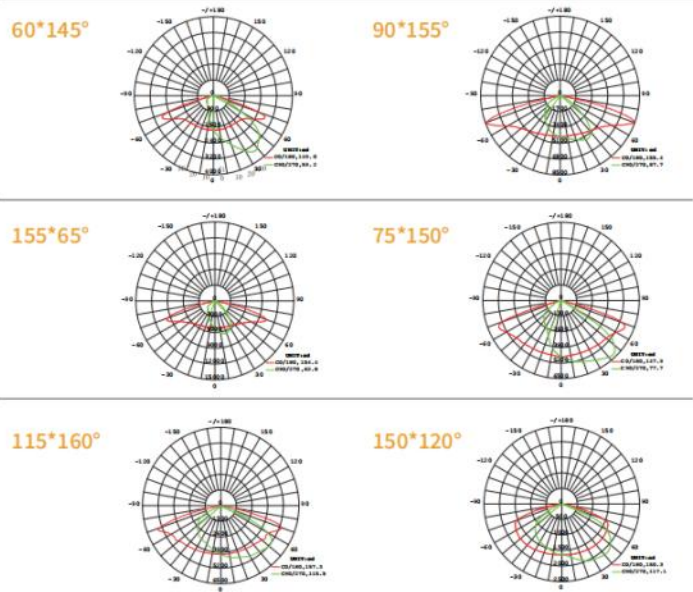
Material Of Shell	Aluminum (ADC12) + Tempered Glass
Material Of Lens	PMMA PC
Color Of Lens	Transparent / Amber
Color Of Shell	RAL 9002 RAL 7040 etc (customized by customer)
Pole diameter (mm)	60
Size A (mm)	391.3*155*75.9
Size B (mm)	461*205*84
Size C (mm)	516.6*225*84
Size D (mm)	564.5*270*84



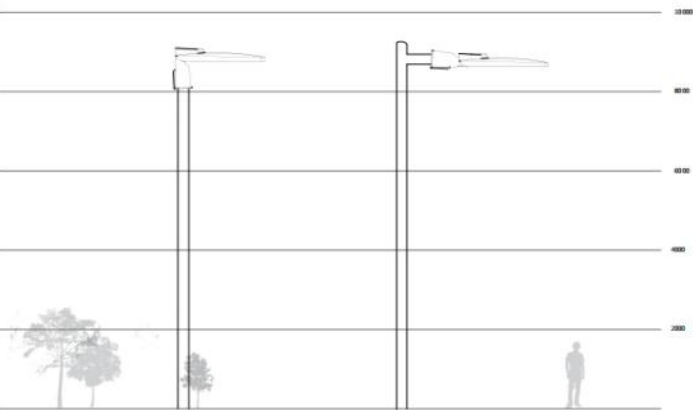
Tested according to

CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Mounting Height





ASE02

LED Street Light Series

IP65 IK08

CE ErP

MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 180Lm/W
- Die-casting aluminum body with anti-corrosion powder painting

ASE02 Technical Data

LED Chip Brand	Sanan
LED Chip Type	SMD2835
Luminous Efficacy	150LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2200K-6500K
Beam Angle	70°130°
Number Of Leds	A:72 Pcs B:144 Pcs C:192 Pcs D:240 Pcs
Life Time	30000 Hours

Electrical Parameters

Power A	50W
Power B	100W
Power C	150W
Power D	200W
Voltage	AC100-265V AC220-240V
Frequency	50/60Hz
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65
IK Grade	IK08
SPD	10KV

Driver

Type	Linear DOB
Power Factor	>0.95
Performance	> 90%
THD	<20%

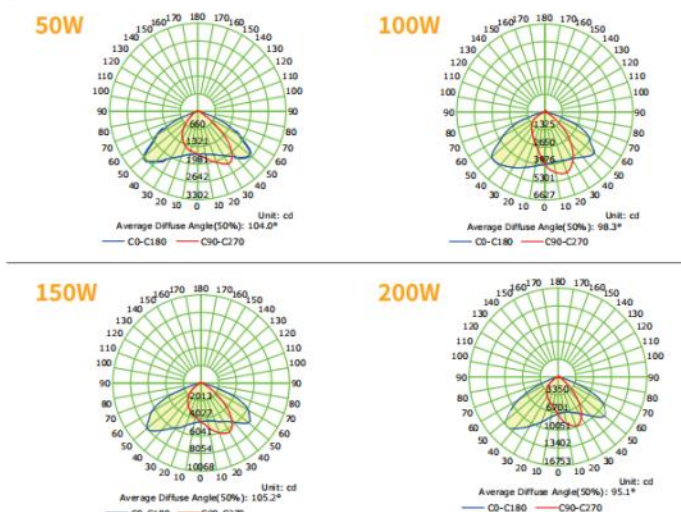
Materials and Properties

Material Of Shell	Aluminum (ADC12) + PC
Material Of Lens	PC
Color Of Shell	RAL 9002 RAL7040 etc (customized by customer)
Pole diameter (mm)	60
Size 50W (mm)	447*115*77
Size 100W (mm)	500*130*77
Size 150W (mm)	570*160*77
Size 200W (mm)	685*198*77

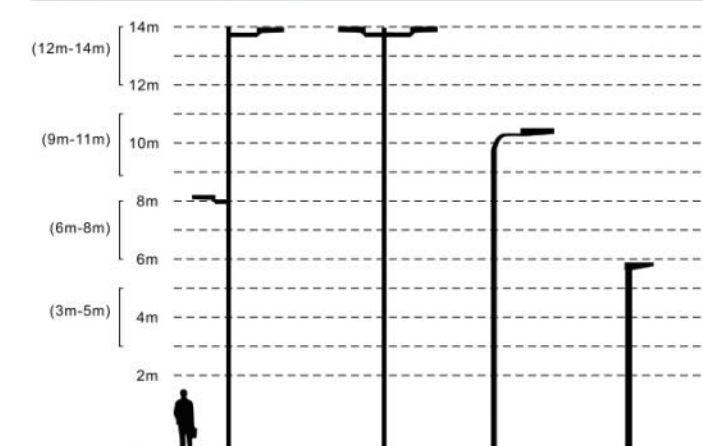
Tested according to

CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

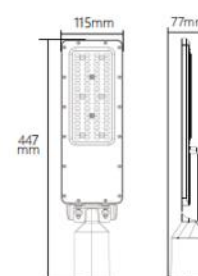
Typical Photometric Features



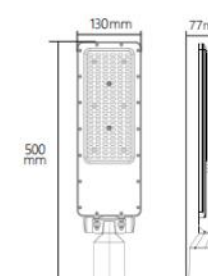
Mounting Height



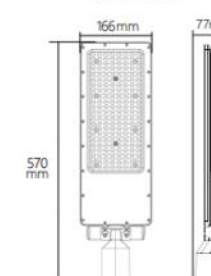
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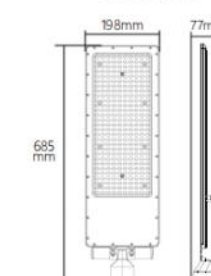
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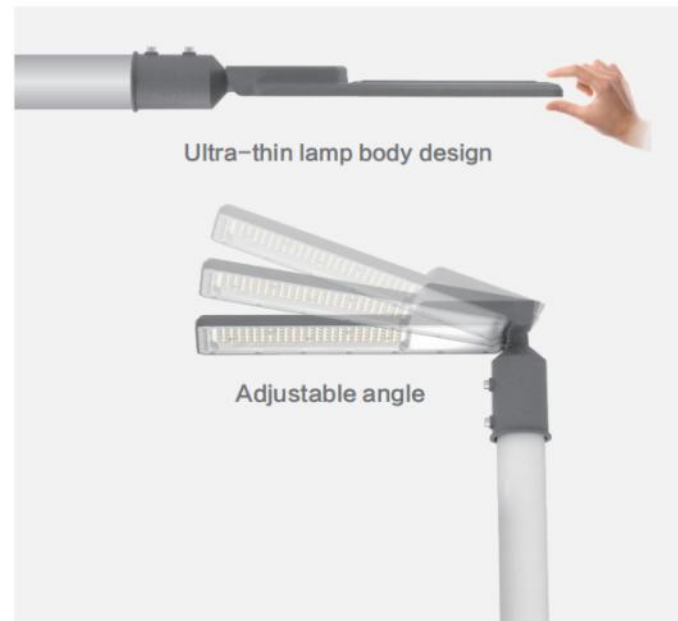
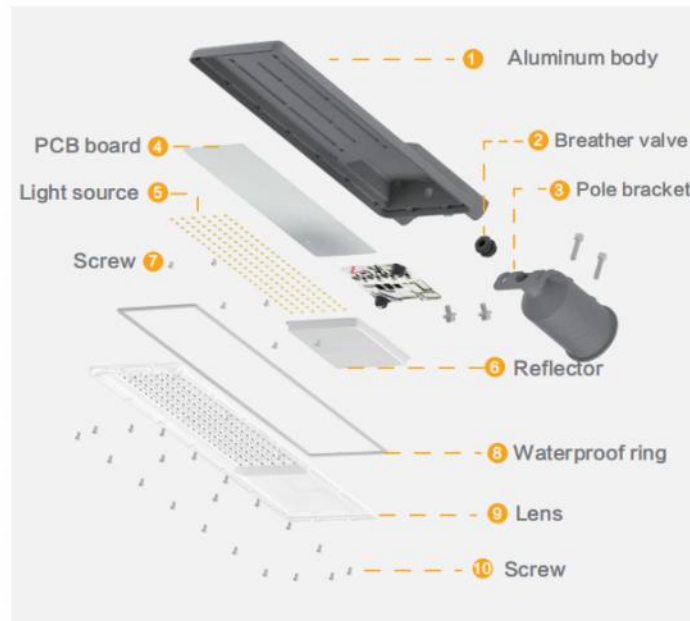
C.Size C



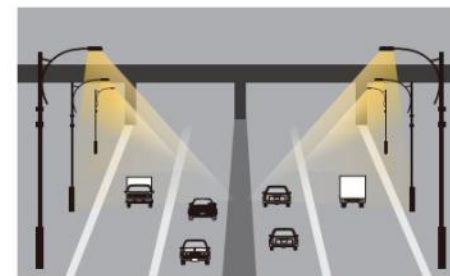
D.Size D



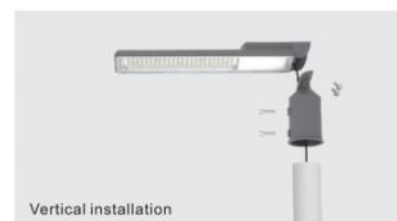
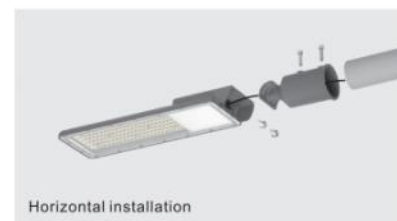
Product Details



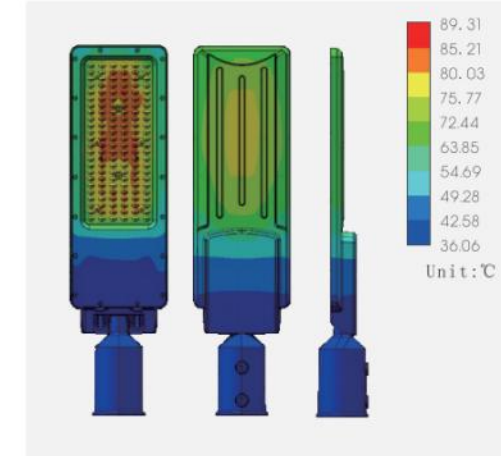
Road types



Installation Diagram



Thermal Management



ASE01

LED Street Light Series

IP65 IK08

CE ErP

MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 180Lm/W
- Extra 10KV surge protector can be integrated
- Extra Photocell can be integrated

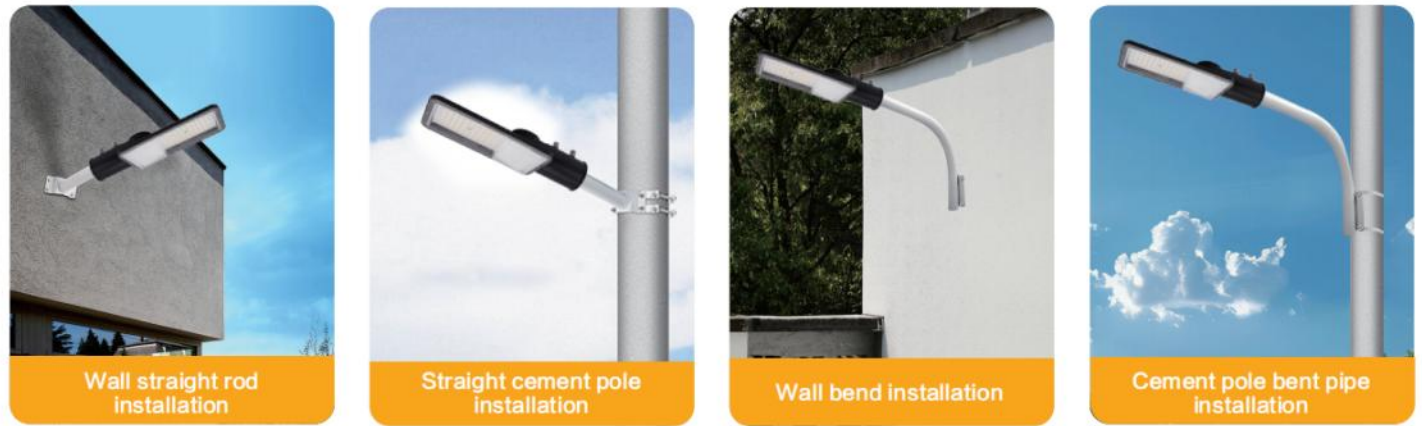
Product Details



Road types



Installation Diagram



ASE01 Technical Data

LED Chip Brand	Lumileds Cree Sanan
LED Chip Type	SMD2835 SMD3030
Luminous Efficacy	180LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2700K-6500K
Beam Angle	140°70°
Number Of Leds	A:72 Pcs B:144 Pcs C:216 Pcs D:288 Pcs
Life Time	30000 Hours

Electrical Parameters

Power A	50W
Power B	100W
Power C	150W
Power D	200W
Voltage	AC100-265V AC220-240V
Frequency	50/60Hz
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65
IK Grade	IK08
SPD	10KV

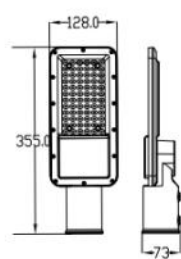
Driver

Type:	Linear DOB Detachable driver
Power Factor	>0.90
Performance	> 90%
THD	< 15%

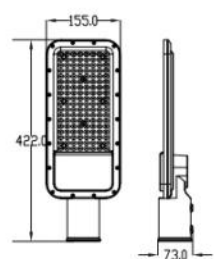
Materials and Properties

Material Of Shell	Aluminum+PC
Material Of Lens	PC
Color Of Shell	RAL 9002 RAL7040 etc (customized by customer)
Pole diameter (mm)	60
Size A (mm)	355*128*73
Size B (mm)	422*155*73
Size C (mm)	490*170*73
Size D (mm)	540*200*73

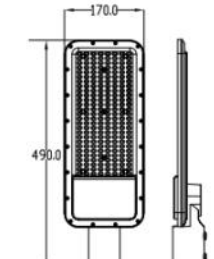
A.Size A



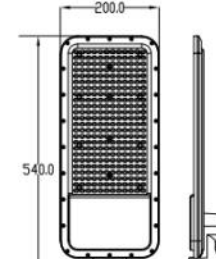
B.Size B



C.Size C



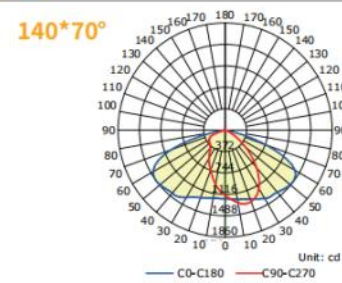
D.Size D



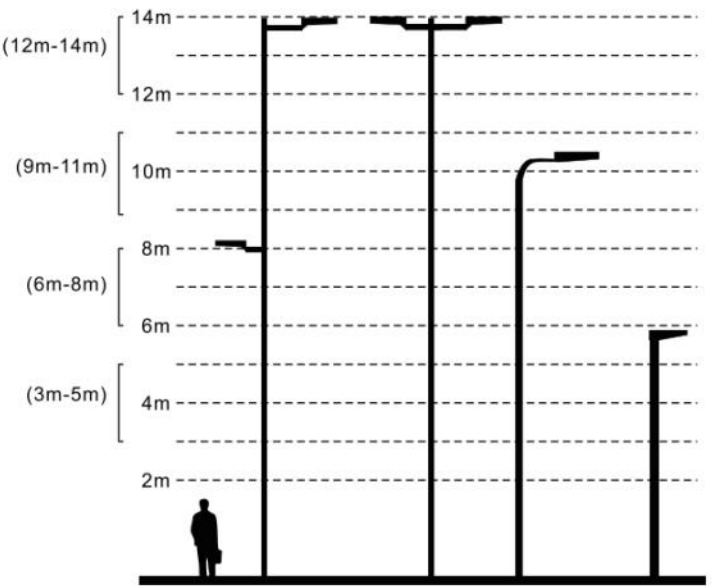
Tested according to

CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020; EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024; EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Mounting Height





UFP01

LED High Bay Light Series

CE ErP

MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 200Lm/W
- DIP switch to adjust wattage
- Moisture tolerant level IP65



UFP01 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030
Luminous Efficacy	200LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2700K-6500K
Beam Angle	90°
Number Of Leds	A:160 Pcs B:240 Pcs C:320 Pcs (Plan A) A:150 Pcs B:225 Pcs C:300 Pcs (Plan B)
Life Time	100000 Hours

Electrical Parameters

Power A	100W
Power B	150W
Power C	200W
Voltage	AC100-277V
Frequency	50/60Hz
Electrical Security Class	Class I
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65
IK Grade	IK08
SPD	10KV 20KV (Optional)

Driver

Brand	Lifud Philips ZH Power OEM
Power Factor	> 0.90
Performance	> 90%
IP Grade	IP65
THD	< 15%

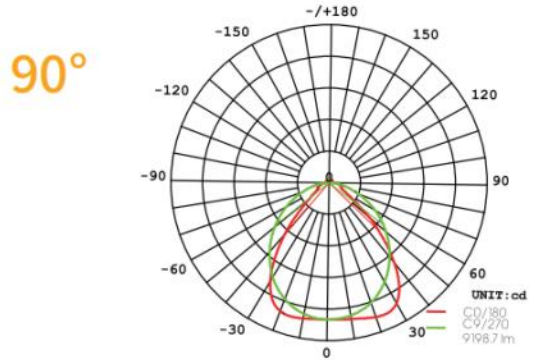
Materials and Properties

Material Of Shell	Aluminum (ADC12) + PC
Material Of Lens	PC
Size 100W (mm)	Φ242.6*116.9
Size 150W (mm)	Φ280*116.9
Size 200W (mm)	Φ320*116.9

Tested according to

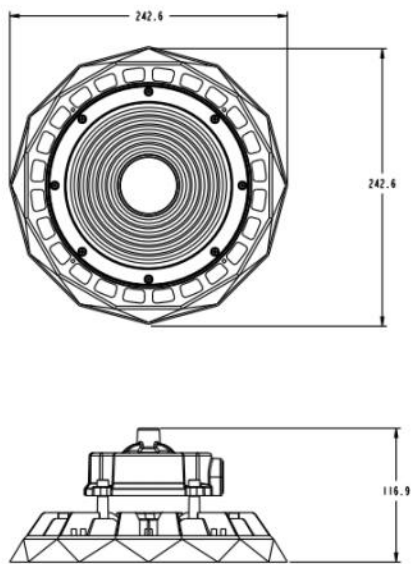
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CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features

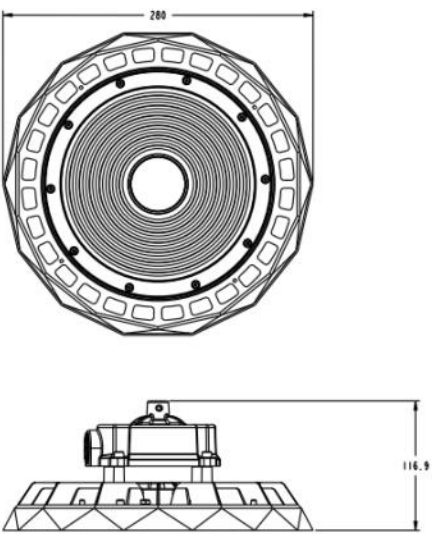


Product Size

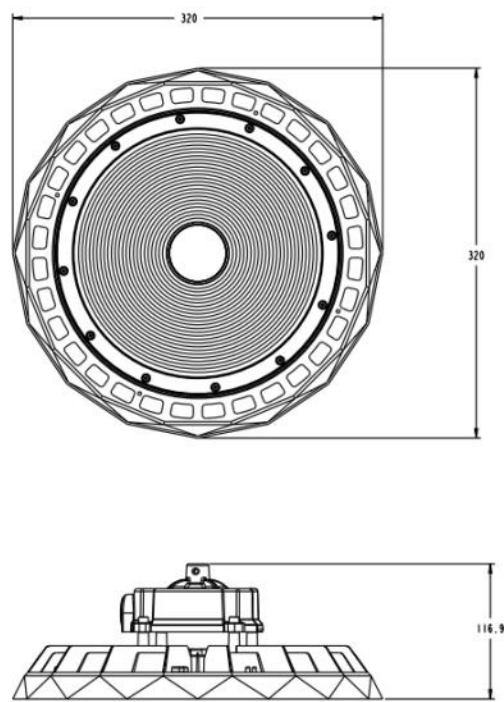
100W



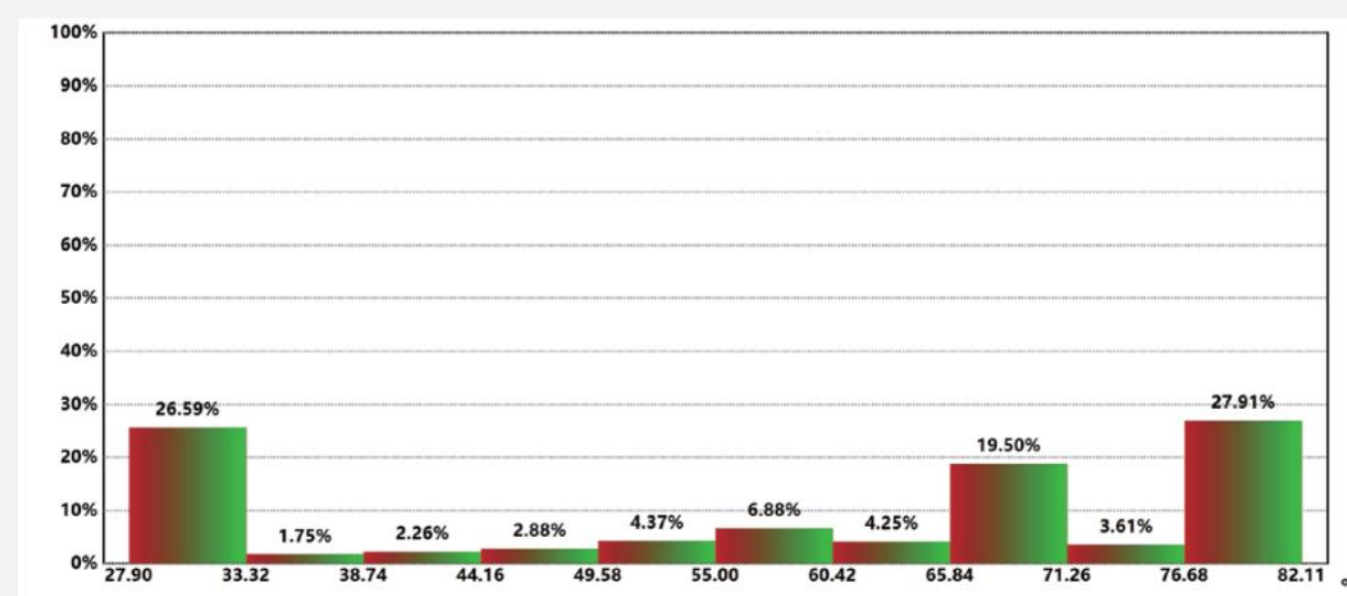
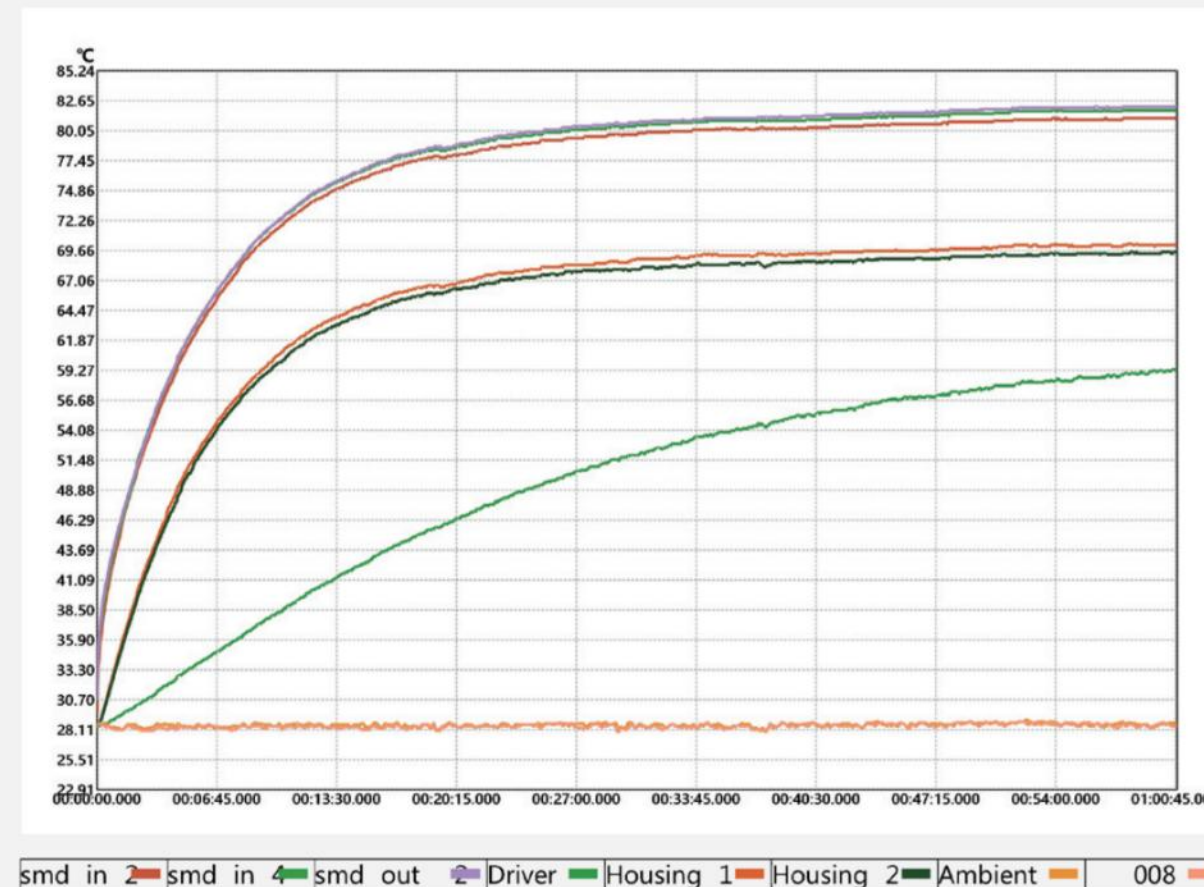
150W



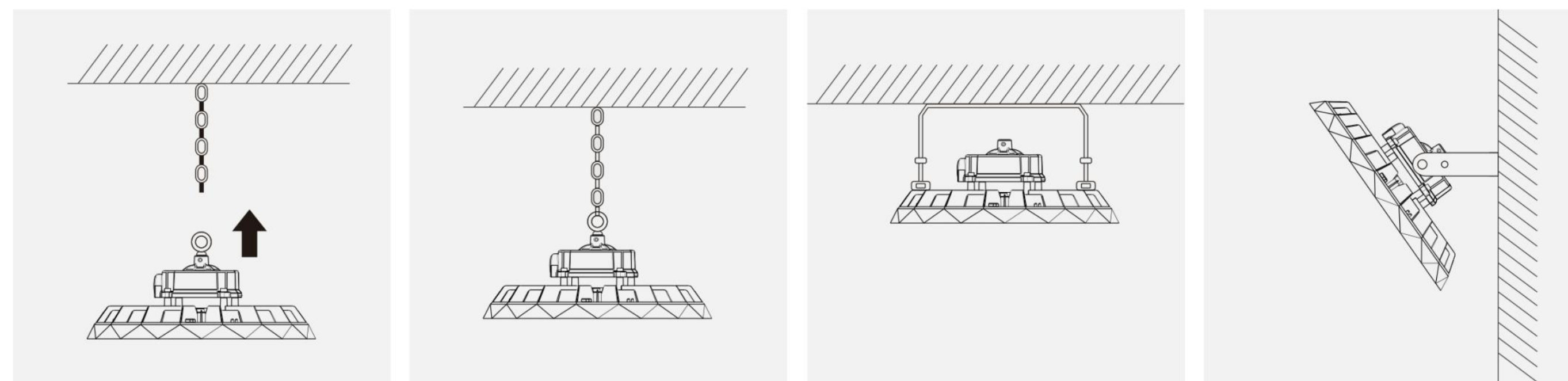
200W



Product Details



Installation Diagram



Install to fixed surface

Link power cord

Ceiling mounted

Wall mounted



UFO30

LED High Bay Light Series

CE ErP

MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 180Lm/W
- DIP switch to adjust wattage and CCT
- Moisture tolerant level IP65

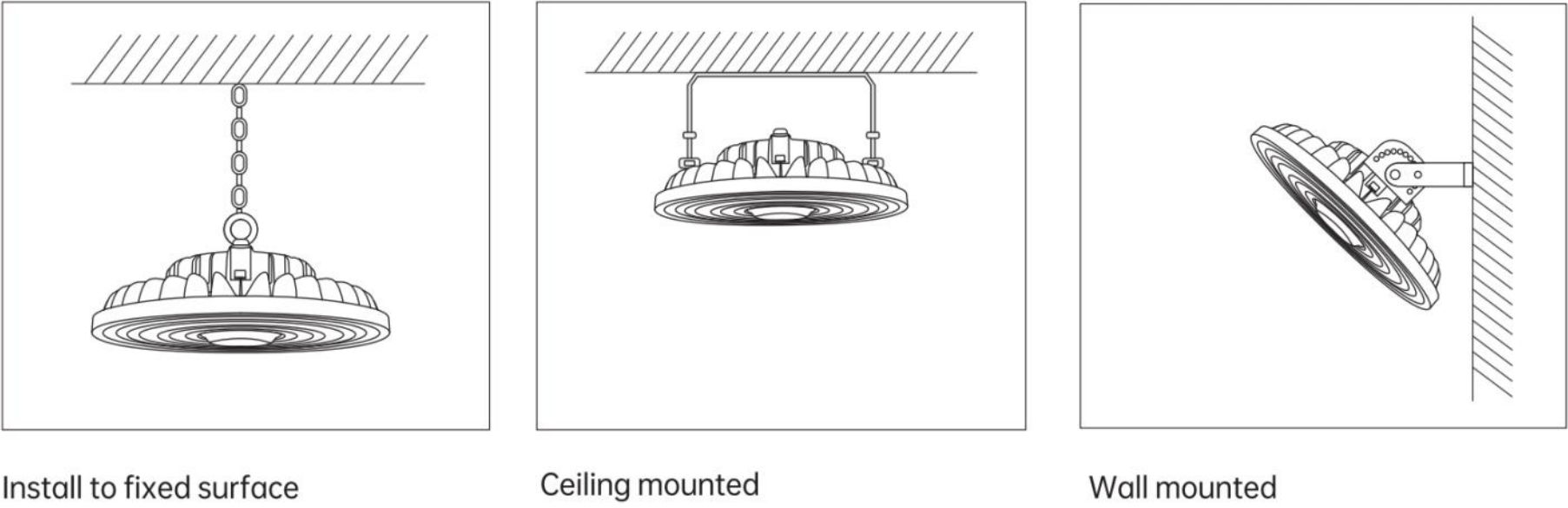
Product Details



- 1 Ring
- 2 Driver (scheme)
- 3 Hot air respirator
- 4 Waterproof rubber ring
- 5 Aluminum body
- 6 LED PCB board
- 7 Light source
- 8 Reflector
- 9 Lens
- 10 LED lens screw



Installation Diagram



Mounting Accessories



UFO30 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD2835 SMD3030
Luminous Efficacy	180LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2700K-6500K
Beam Angle	90°
Number Of Leds	A:144 Pcs B:216 Pcs C:288 Pcs D: 432 Pcs
Life Time	50000 Hours

Electrical Parameters

Power A	100W
Power B	150W
Power C	200W
Power D	300W
Voltage	AC100-277V
Frequency	50/60Hz
Electrical Security Class	Class I
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65
IK Grade	IK08
SPD	10KV 20KV (Optional)

Driver

Type	Linear DOB OEM Philips Lifud
Power Factor	> 0.90
Performance	> 90%
IP Grade	IP65
THD	< 15%

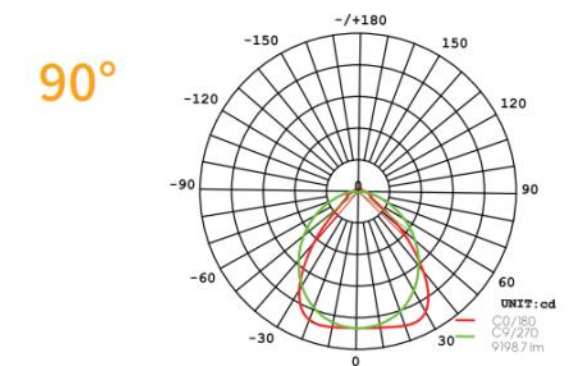
Materials and Properties

Material Of Shell	Aluminum (ADC12)
Material Of Lens	PC
Size 100W (mm)	Φ253*49 Φ253*120 (Driver)
Size 150W (mm)	Φ280*51 Φ280*120 (Driver)
Size 200W (mm)	Φ305*55 Φ305*125 (Driver)
Size 300W (mm)	Φ350*65 Φ350*140 (Driver)

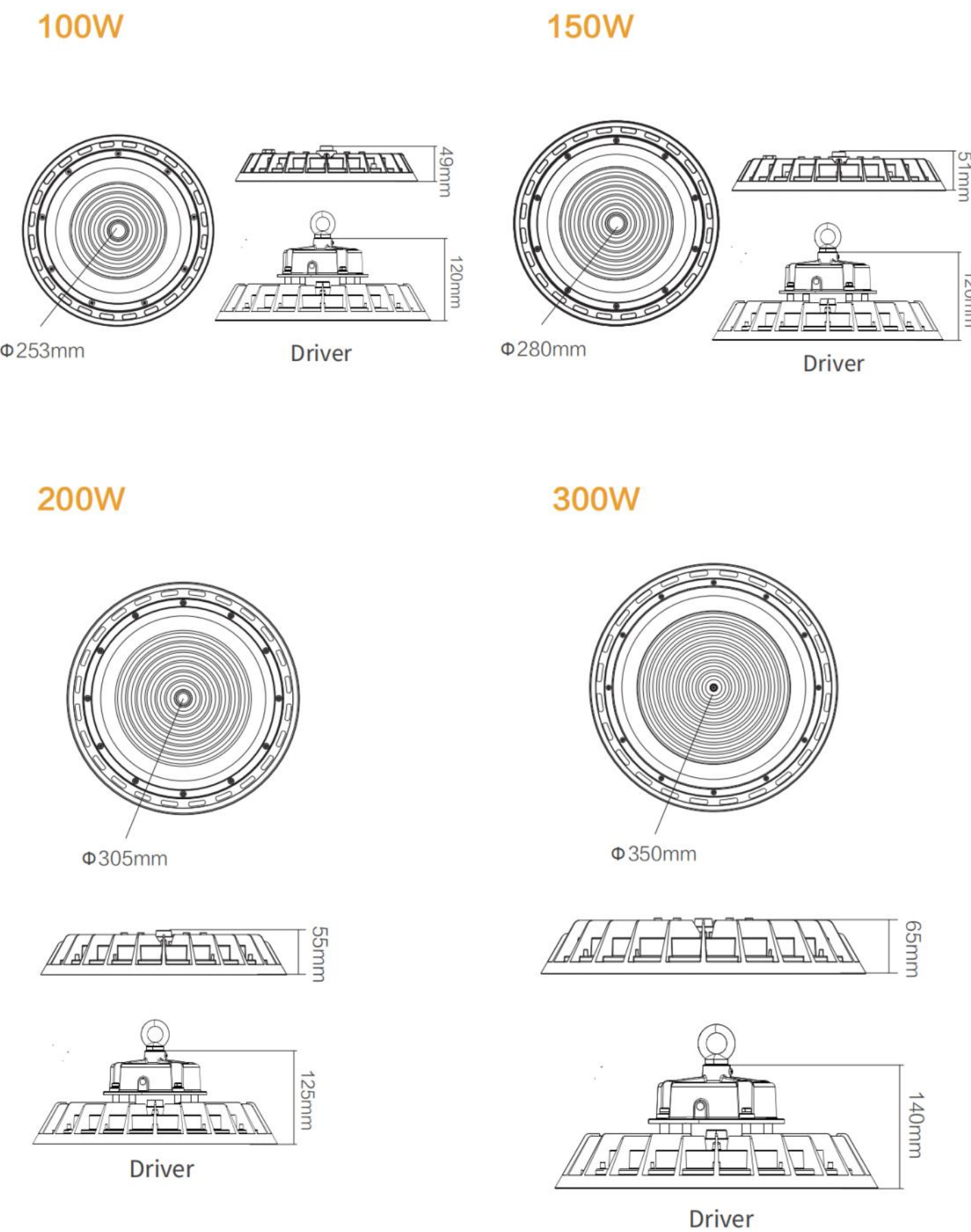
Tested according to

CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Product Size





UFC02

LED High Bay Light Series

CE ErP

MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 200Lm/W
- DIP switch to adjust wattage
- Moisture tolerant level IP65

UFC02 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD2835
Luminous Efficacy	200LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2700K-6500K
Beam Angle	90°
Life Time	100000 Hours

Electrical Parameters

Power A	100W
Power B	150W
Power C	200W-240W
Voltage	AC100-277V
Frequency	50/60Hz
Electrical Security Class	Class I
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65
IK Grade	IK08
SPD	10KV 20KV (Optional)

Driver

Brand	Lifud Philips ZH Power
Power Factor	> 0.90
Performance	> 90%
IP Grade	IP65
THD	< 15%

Materials and Properties

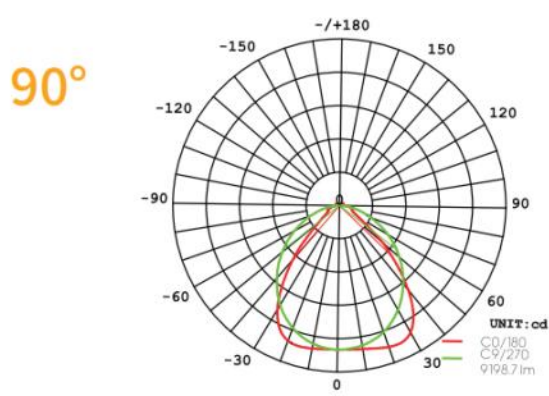
Material Of Shell	Aluminum (ADC12)
Material Of Lens	PC
Size A (mm)	Φ235*110
Size B (mm)	Φ275*110
Size C (mm)	Φ315*110



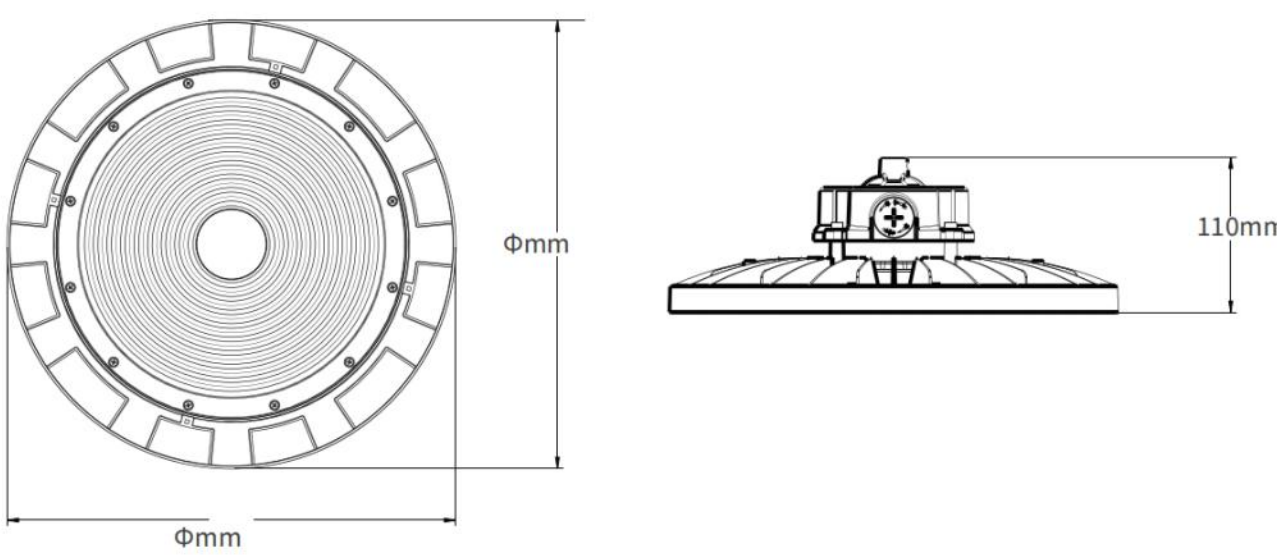
Tested according to

CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

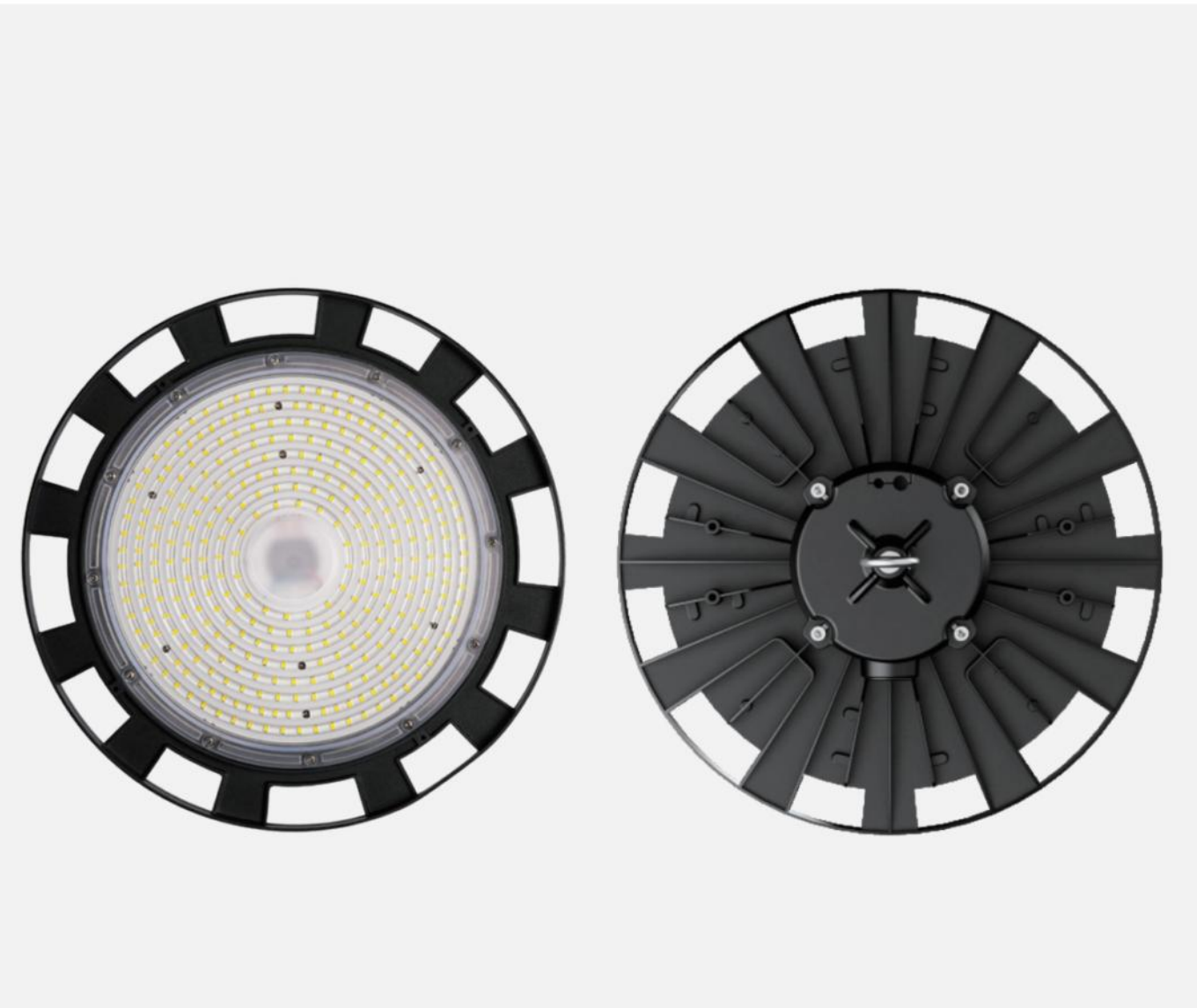
Typical Photometric Features



Product Size



Product Details





AFP05

LED Flood Light Series

CE ErP

MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 180Lm/W
- Integrated aluminum die-casting body
- Splicing lenses with optional angles

AFP05 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD2835 SMD3030
Luminous Efficacy	180LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2700K-6500K
Beam Angle	Type I Type II Type III 90° 120°
Number Of Leds	A:4Pcs B:6 Pcs C:9 Pcs D:12 Pcs E:20 Pcs F:25 Pcs
Life Time	100000 Hours

Electrical Parameters

Power A	50W
Power B	100W
Power C	150W
Power D	200W
Power E	300W
Power F	400W
Voltage	AC100-265V
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65
IK Grade	IK08
SPD	10KV 20KV (Optional)

Driver

Brand	Inventronics Philips MOSO Non-isolated
Power Factor	> 0.90
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 15%

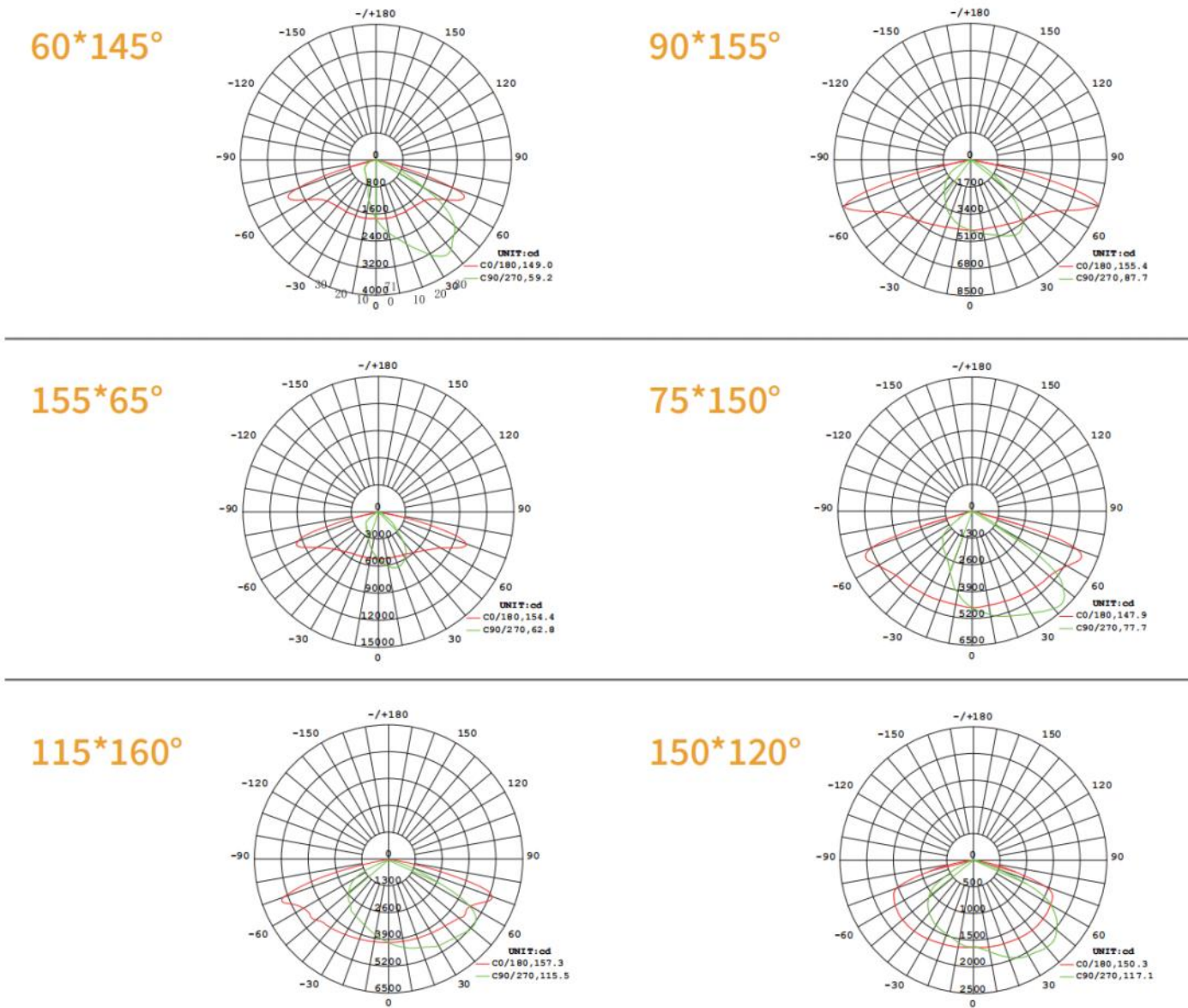
Materials and Properties

Material Of Shell	Die-Casting Aluminum,Glass
Material Of Lens	PC
Size 50W (mm)	240*213*51.5
Size 100W (mm)	255*263*51.5
Size 150W (mm)	300*263*51.5
Size 200W (mm)	310*313*56.5
Size 300W (mm)	370*363*61.5
Size 400W (mm)	504*365*62.9

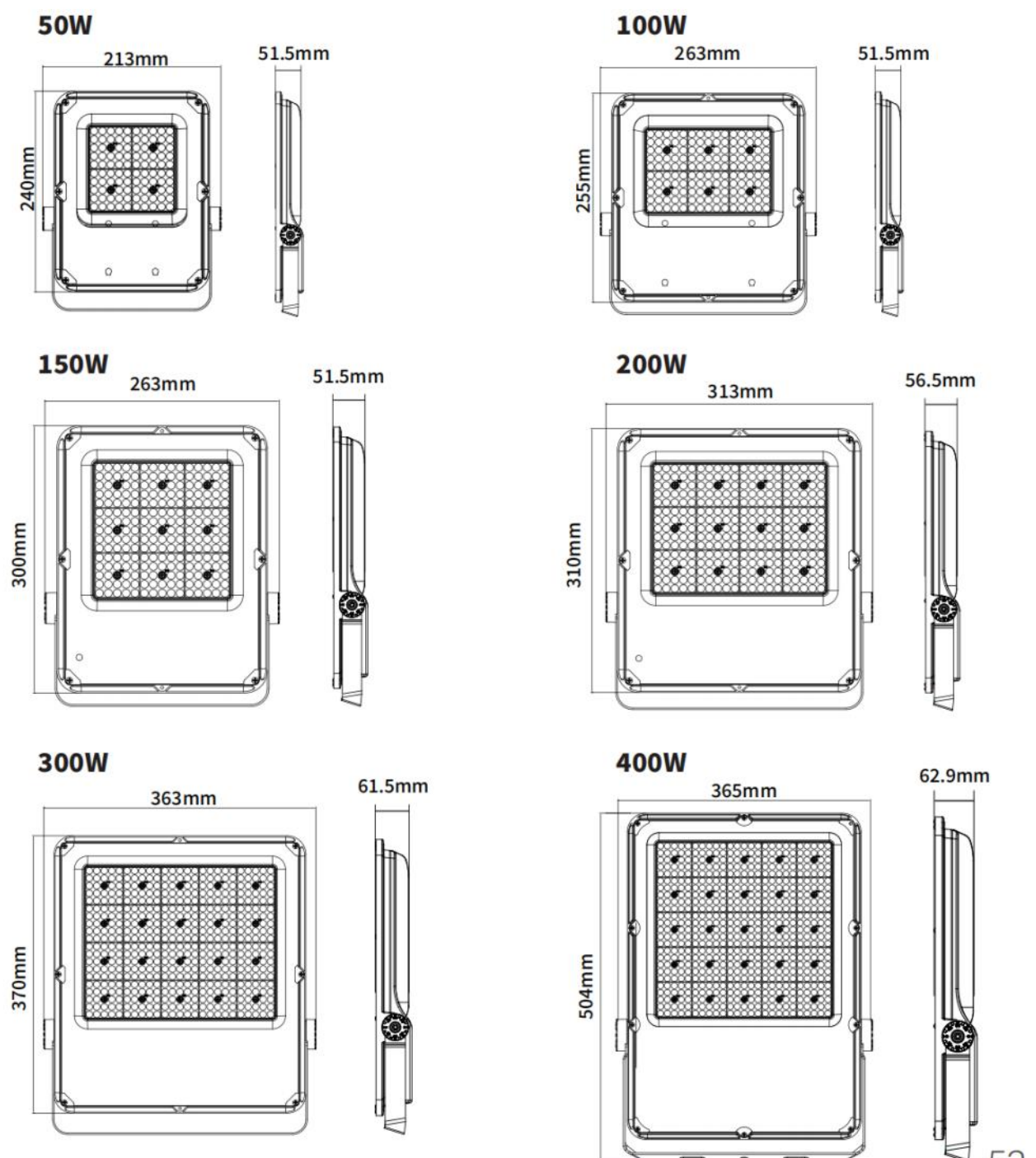
Tested according to

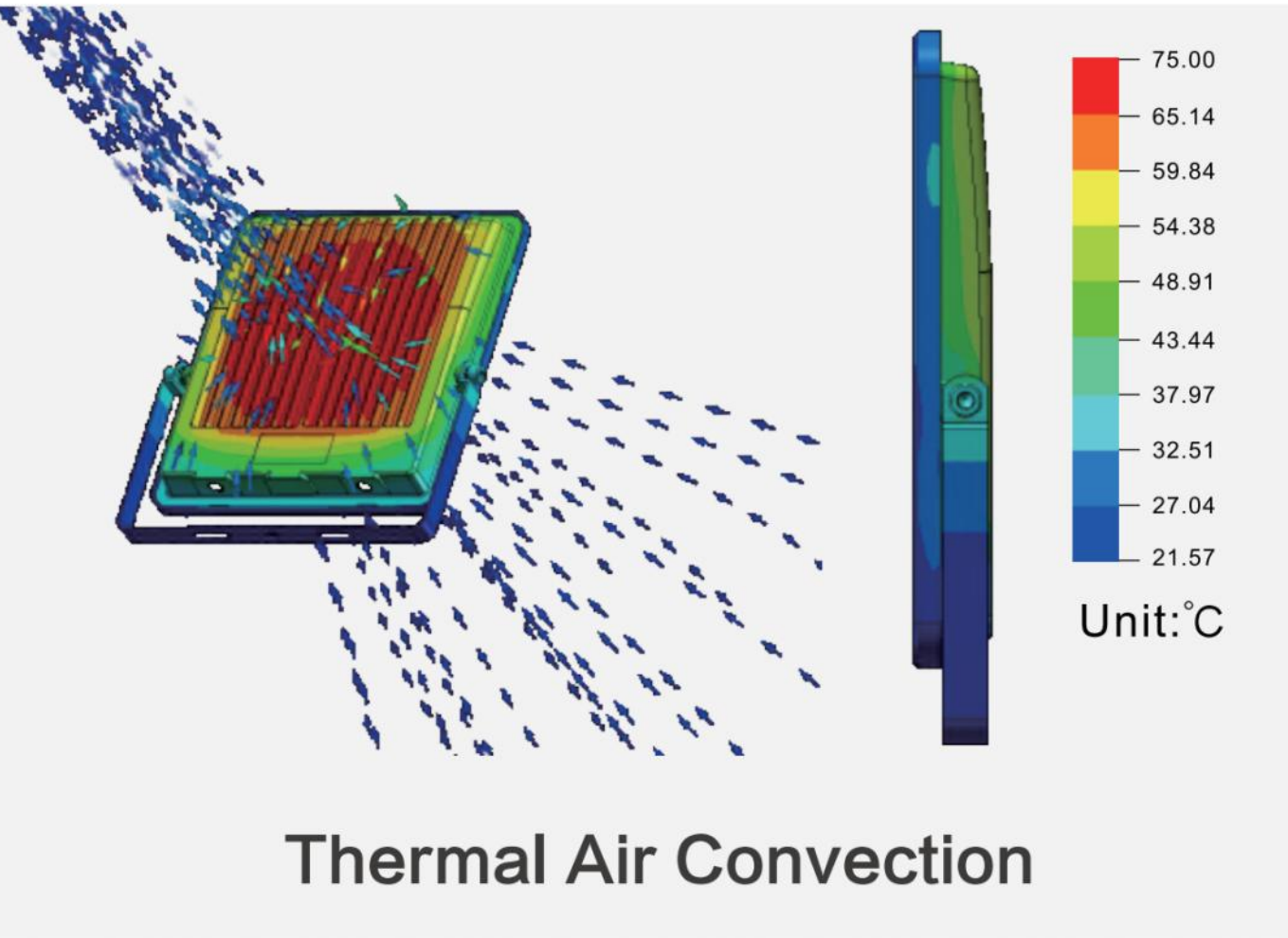
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CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Product Size

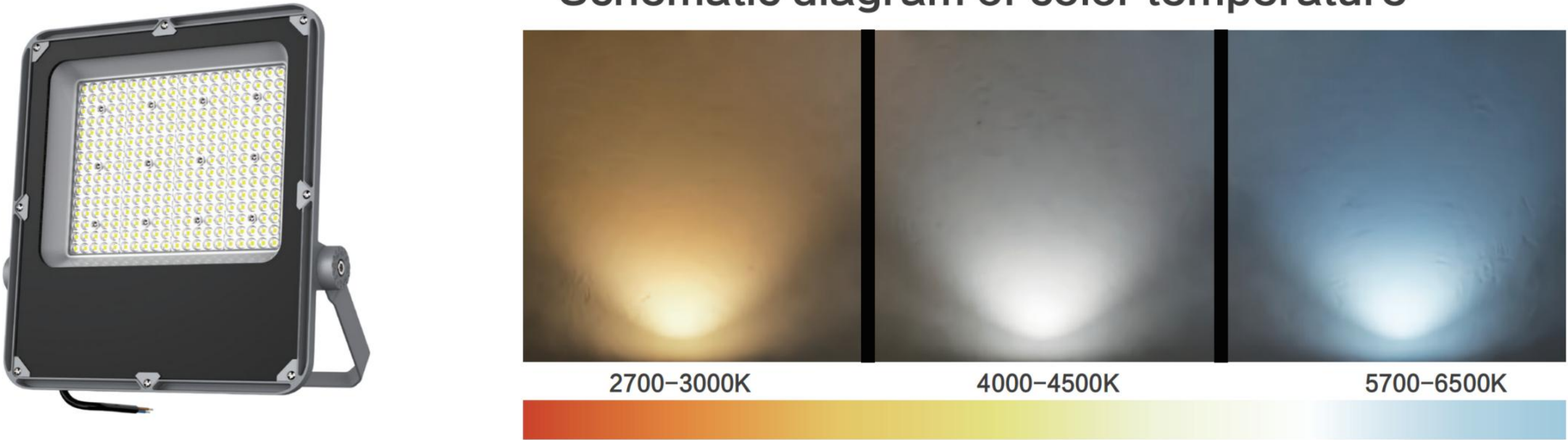




Display

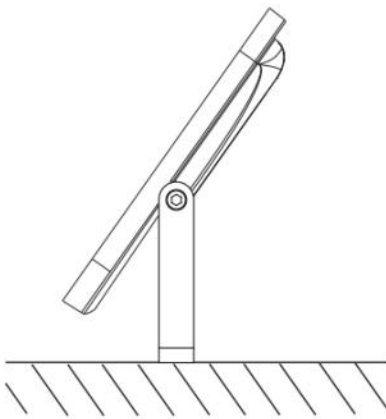


Schematic diagram of color temperature

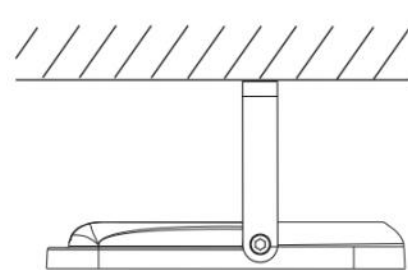


Installation Diagram

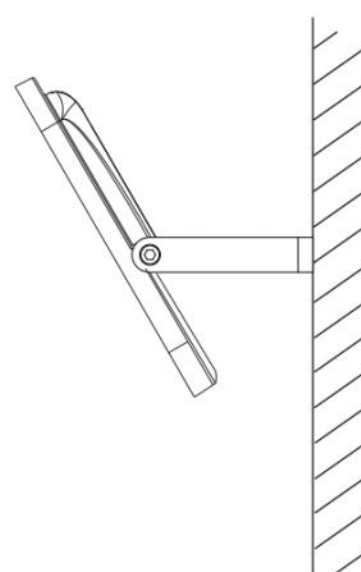
Floor Installation



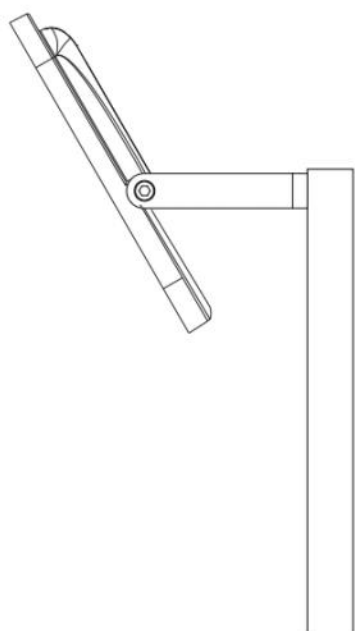
Ceiling Installation



Suction Wall Installation



Post Installation



AFL72
LED Flood Light Series

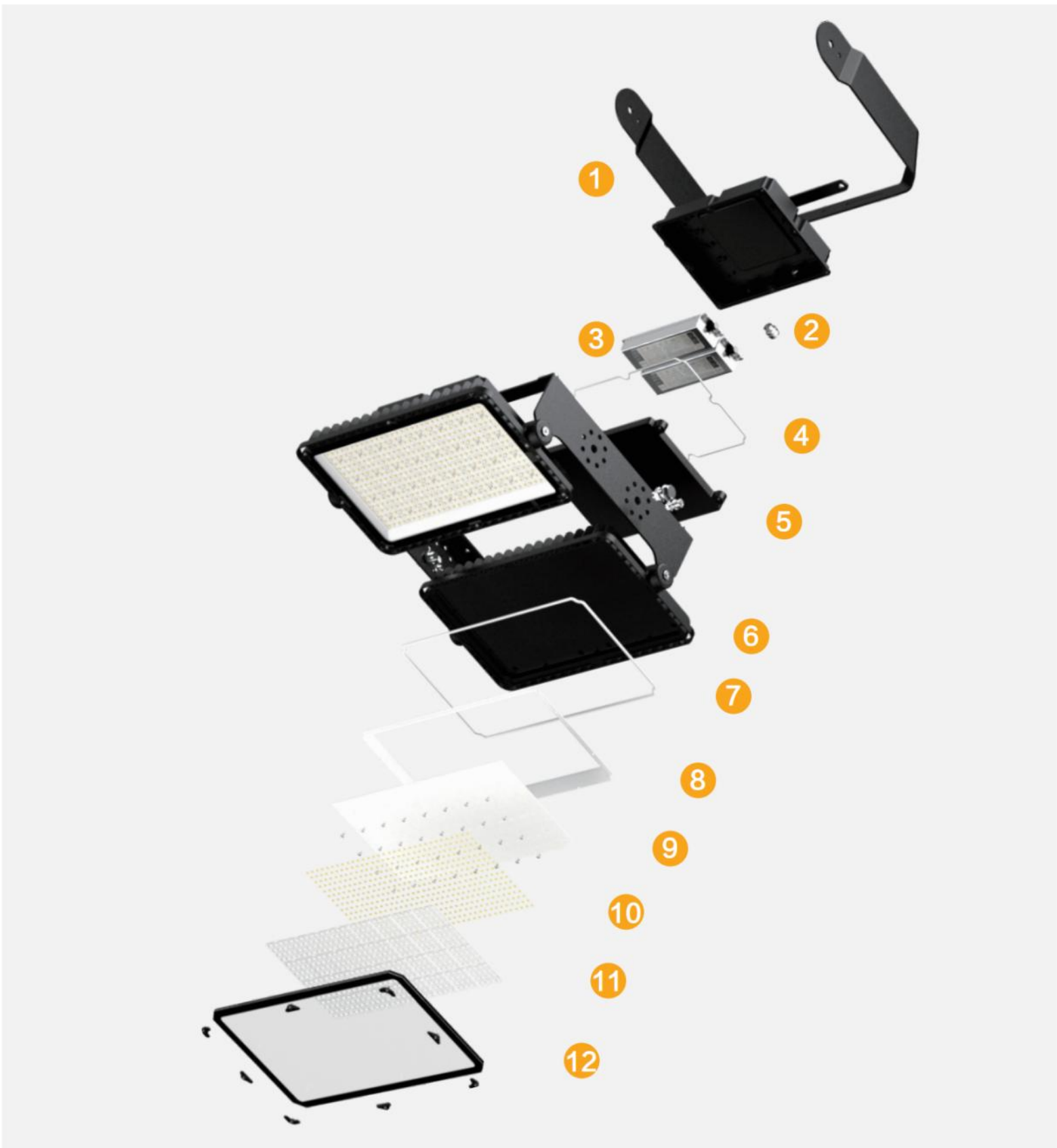
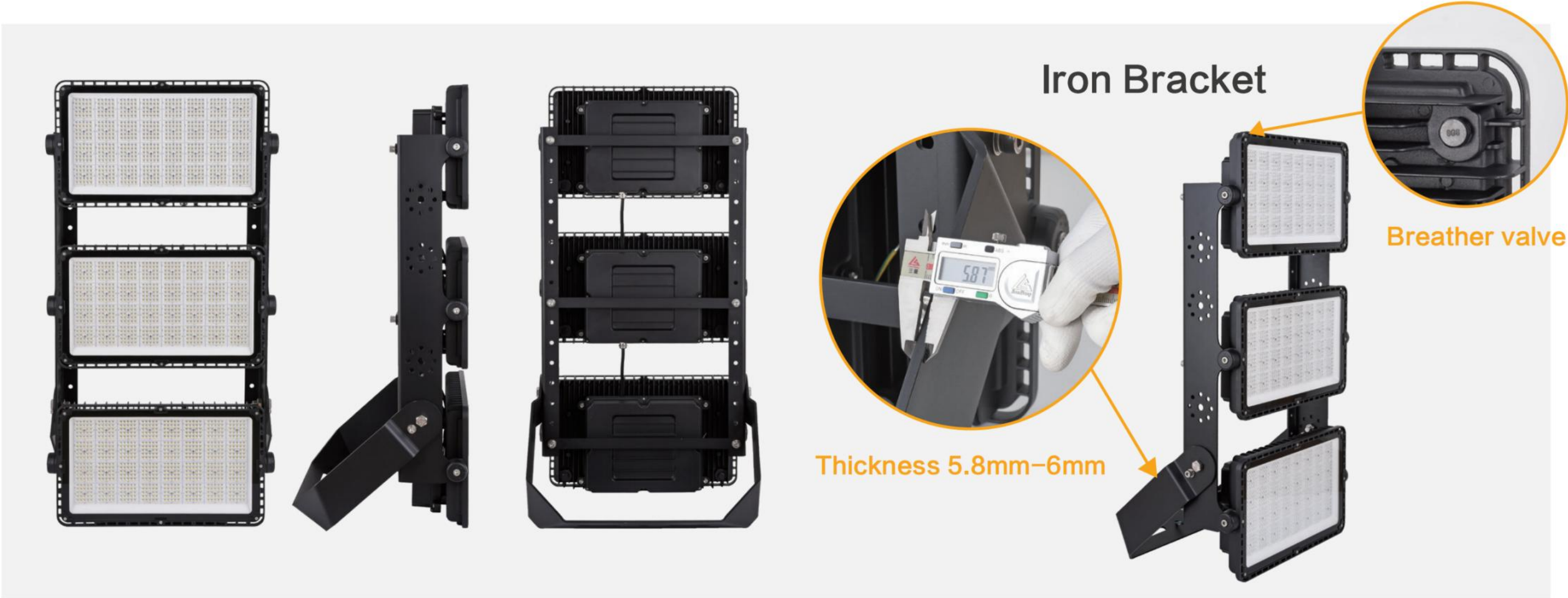
CE ErP
MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 170Lm/W
- Patent and private module, integrated aluminum die-casting body.
- Honeycomb heat dissipation design
- Can use multiple modules in parallel
- The bracket is very sturdy

Product Details



- 1 Iron bracket
- 2 Waterproof gland
- 3 Waterproof LED driver
- 4 Waterproof silicon gel
- 5 Driver case
- 6 Die-casting aluminum housing
- 7 Waterproof silicon gel
- 8 UV-proof nano-reflector
- 9 Highly thermal conductive aluminum PCB
- 10 High lumen 3030 SMD light source
- 11 UV-proof optical lens
- 12 Tempered glass cover

Installation Diagram



AFL72 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030 SMD5050
Luminous Efficacy	170LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2700K-6500K
Beam Angle	Type I Type II Type III
Lens	32Pcs
Life Time	100000 Hours

Electrical Parameters

Power A	500W
Power B	1000W
Power C	1500W
Voltage	AC85-305V
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP66
IK Grade	IK08
SPD	10KV 20KV (Optional)

Driver

Brand	Philips Inventronics Meanwell Sosen OEM
Power Factor	>0.90 without flicker
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 12%

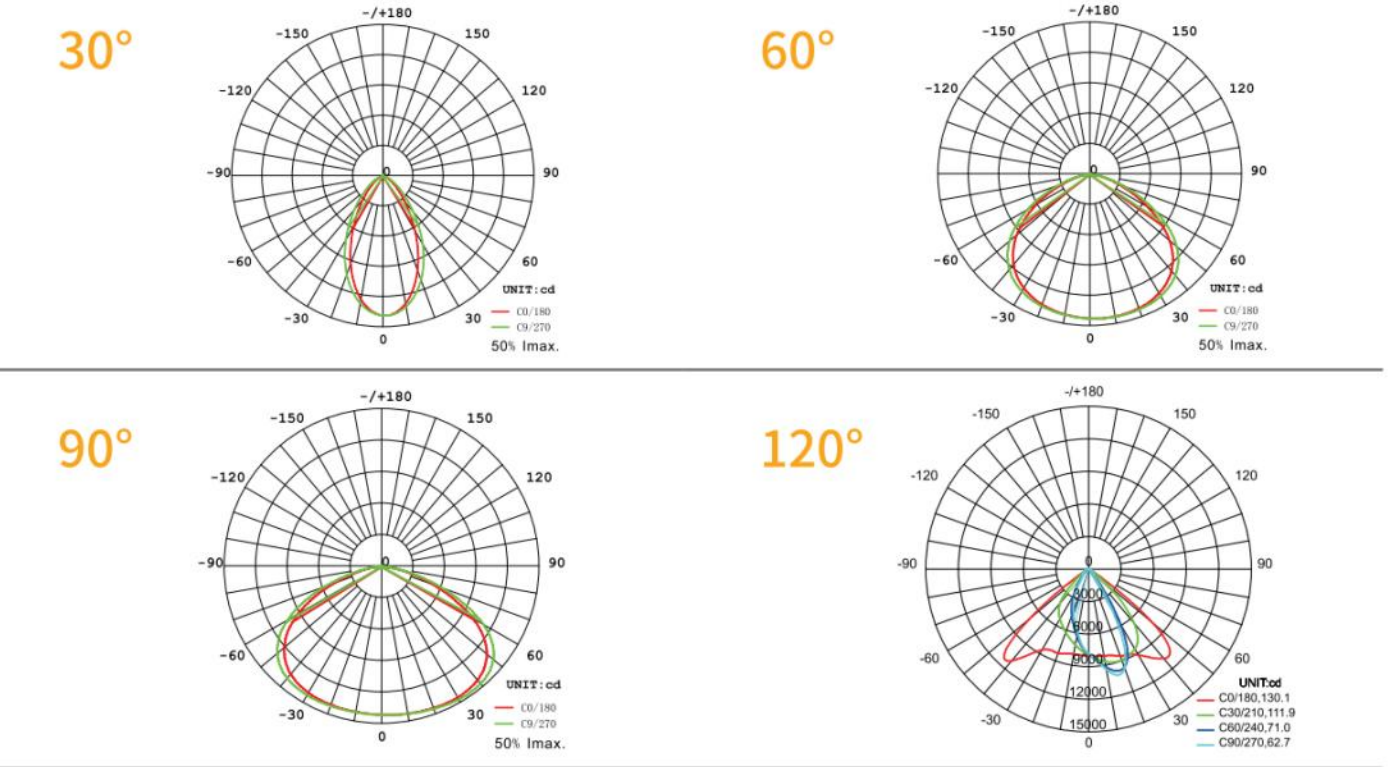
Materials and Properties

Material Of Shell	Aluminum (ADC12) + Tempered Glass
Material Of Lens	PC
Size 500W (mm)	534*130*338
Size 1000W (mm)	544*178*800
Size 1500W (mm)	544*178*1179

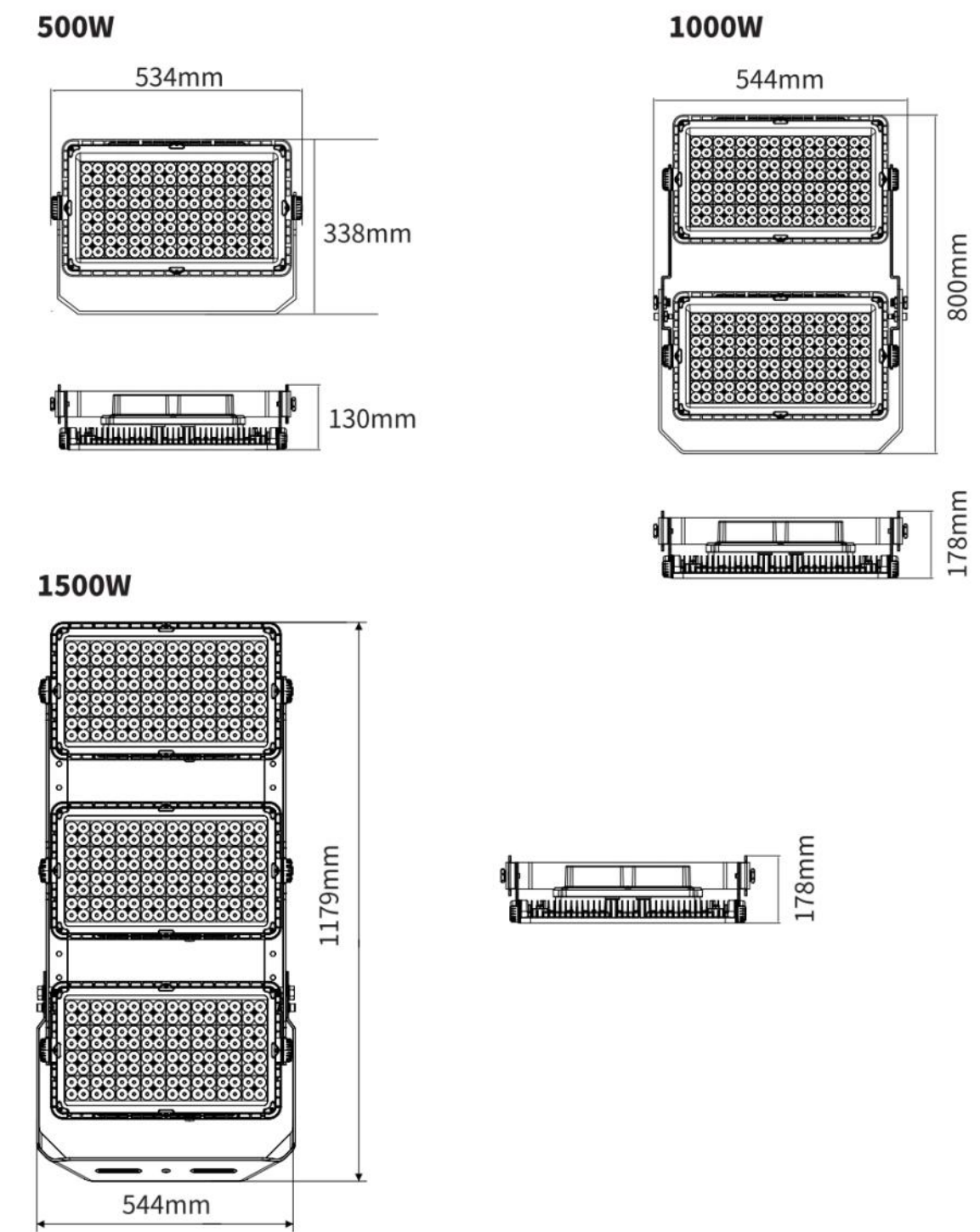
Tested according to

CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Product Size





AFL74

LED Flood Light Series



CE ErP

MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 180Lm/W
- Patent and private module, integrated aluminum die-casting body.
- Honeycomb heat dissipation design
- Can use multiple modules in parallel

AFL74 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030
Luminous Efficacy	180LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2700K-6500K
Beam Angle	60° 90° Polarization 40°
Number Of Lens	A:336 Pcs B:672 Pcs C:1008 Pcs D:1344 Pcs E:1344 Pcs F:2016 Pcs G:2688 Pcs
Life Time	100000 Hours

Electrical Parameters

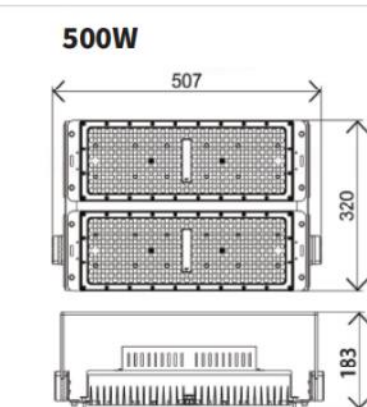
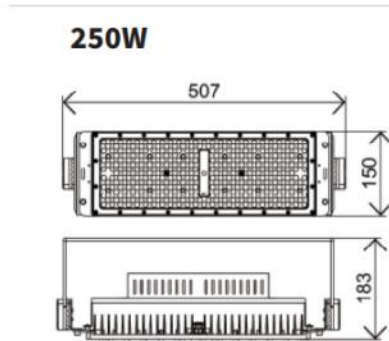
Power A	250W
Power B	500W
Power C	750W
Power D	1000W
Power E	1000W
Power F	1500W
Power G	2000W
Power H	2500W
Voltage	AC85-305V
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP66
IK Grade	IK08
SPD	10KV 20KV (Optional)

Driver

Brand	Philips Inventronics Sosen OEM
Power Factor	>0.90
Performance	> 90%
IP Grade	IP67
THD	<12%

Materials and Properties

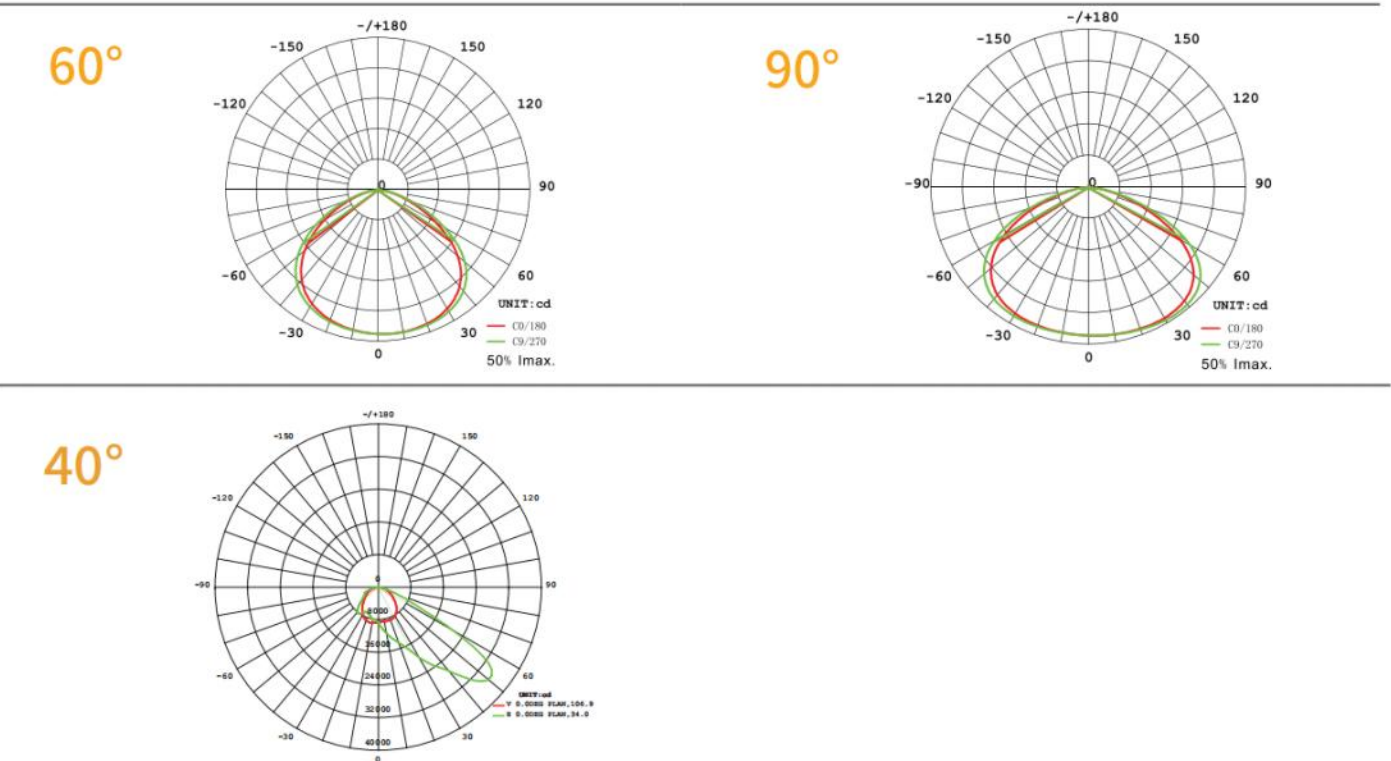
Material Of Shell	Aluminum (ADC12)
Material Of Lens	PC
Size 250W (mm)	507*183*150
Size 500W (mm)	507*183*320
Size 750W (mm)	507*183*490
Size 1000W (mm)	505*183*660
Size 1000W (mm)	983*251*320
Size 1500W (mm)	983*251*490
Size 2000W (mm)	983*251*660
Size 2500W (mm)	983*251*830



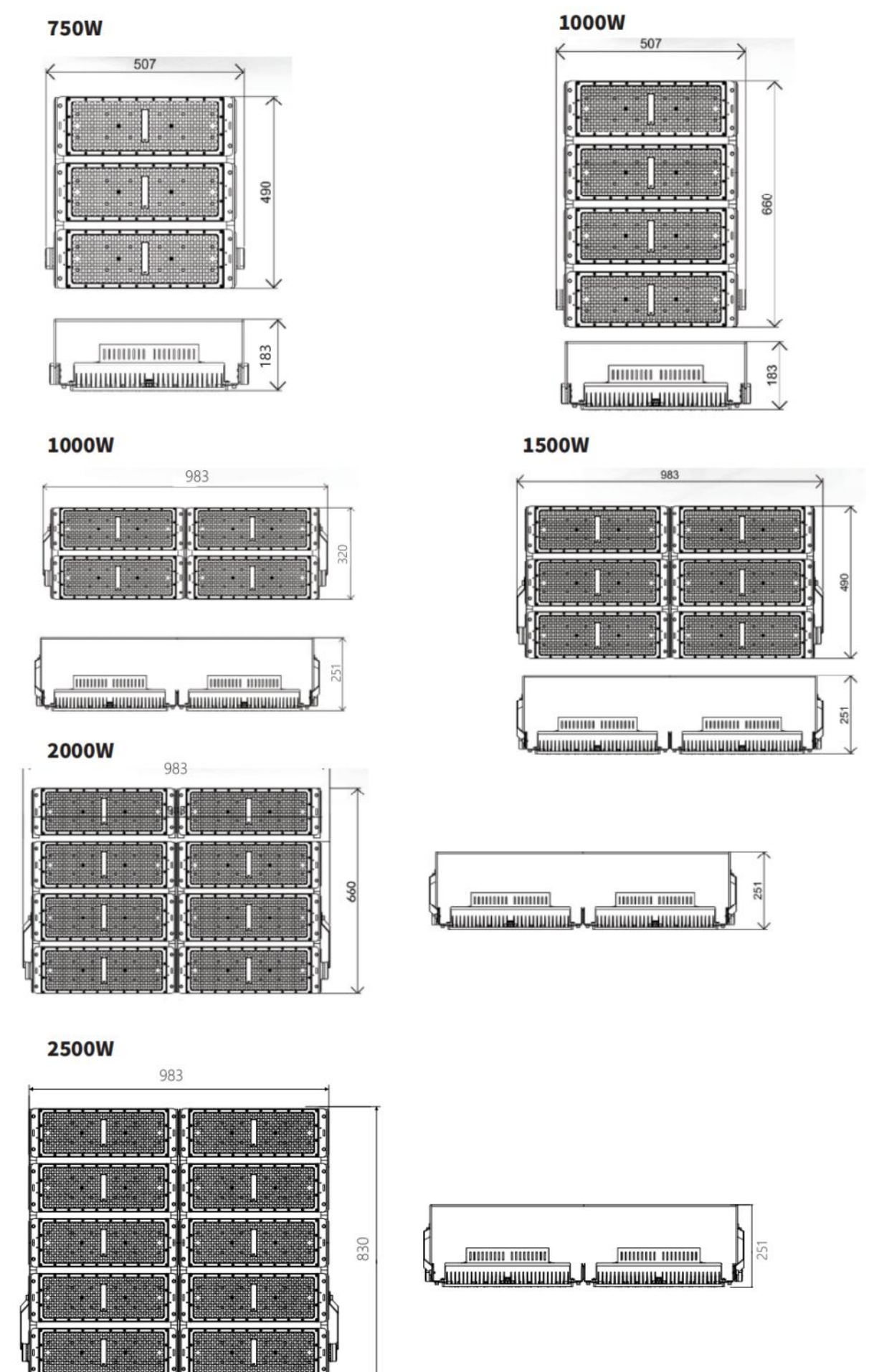
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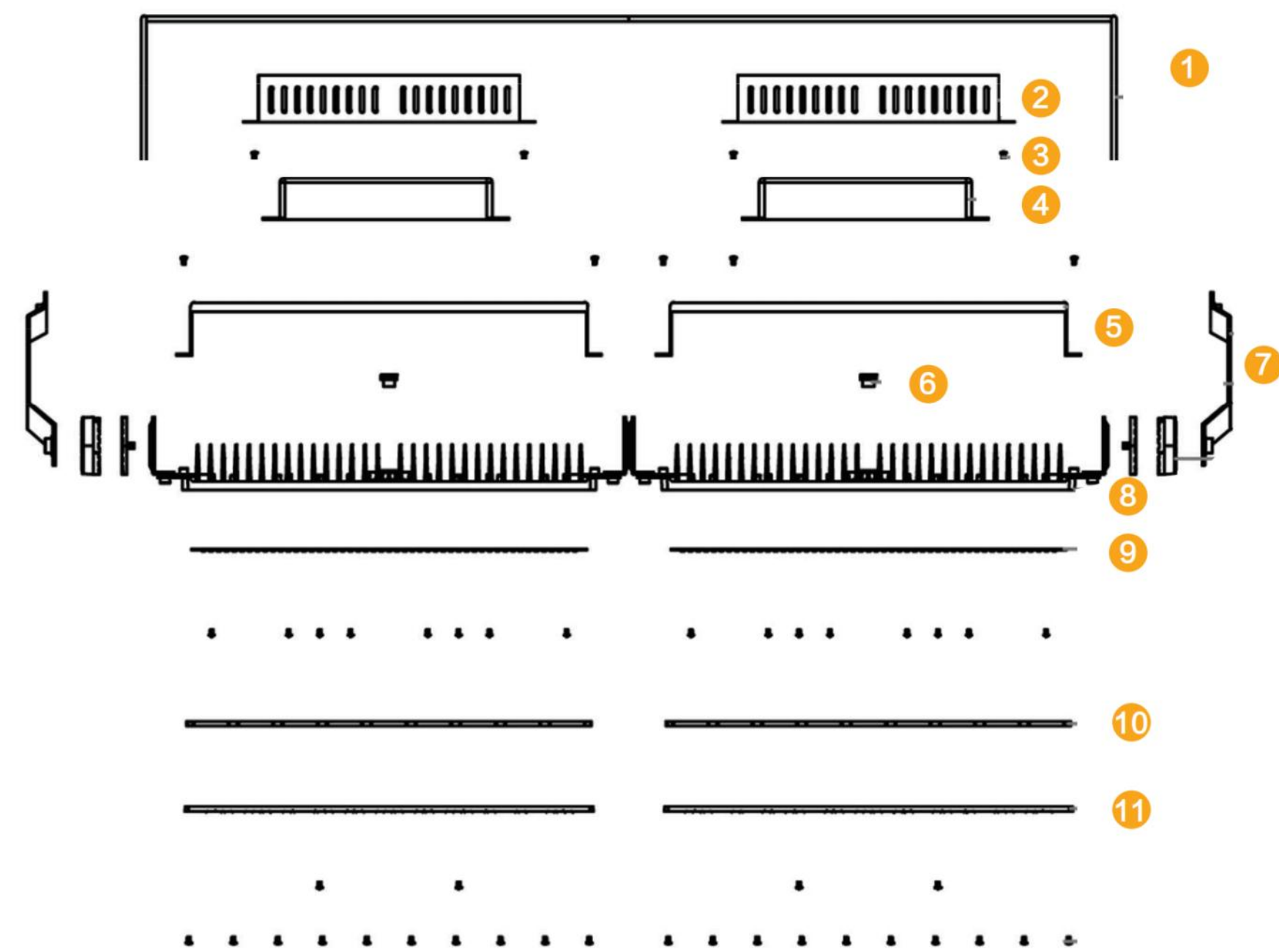
CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Product Size





- 1 Support
- 2 Power supply
- 3 Screw
- 4 Driver
- 5 Power stand
- 6 Respirator
- 7 Bracket connecting piece
- 8 SMD3030 LED
- 9 Aluminium base
- 10 Silica gel
- 11 Lens

AFL74 — Series



250W



500W



750W



1000W



1000W



1500W



2000W



2500W

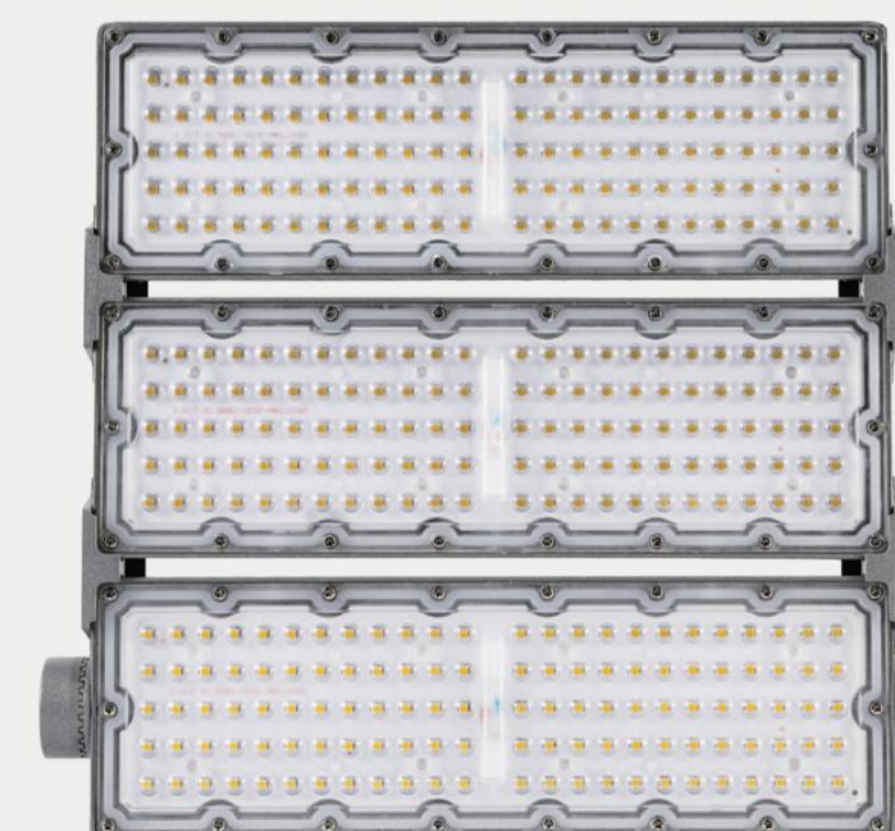


AFL84

LED Flood Light Series

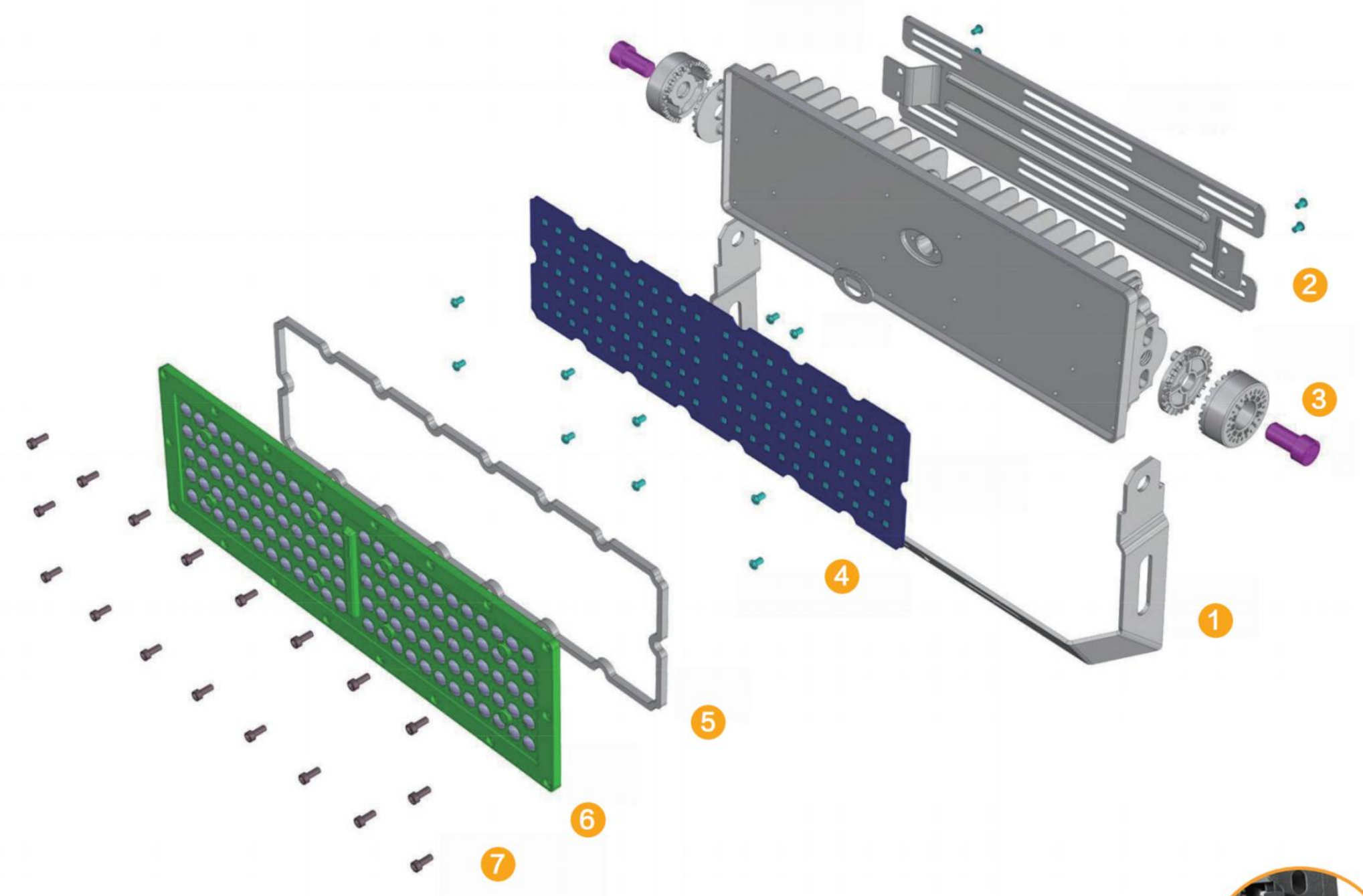
CE ErP

MAIN APPLICATIONS



Advantages

- Luminous efficacy: Up to 170Lm/W
- Patent and private module, integrated aluminum die-casting body.
- Honeycomb heat dissipation design
- Can use multiple modules in parallel

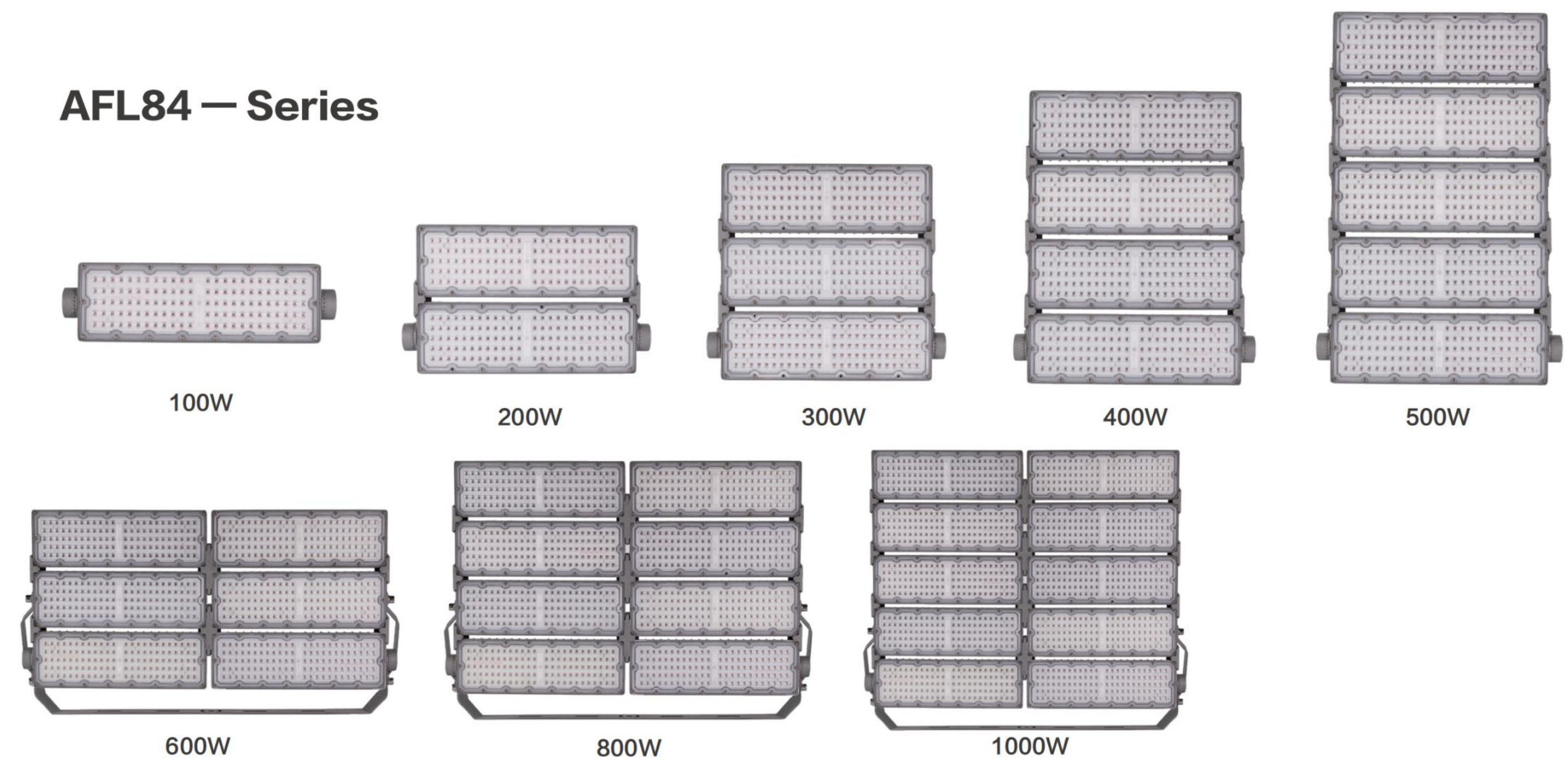


- 1 Support
- 2 Power supply
- 3 Screw
- 4 Highly thermal conductive aluminum PCB
- 5 Silica gel
- 6 Lens
- 7 Screw

Self-assembly



AFL84 — Series



AFL84 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030
Luminous Efficacy	170LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2700K-6500K
Beam Angle	30° 60° 90° 120°×50°
Number Of Leds	A:120 Pcs B:240 Pcs C:360 Pcs D:480Pcs E:600 Pcs F:720 Pcs G:960Pcs H:1200 Pcs
Life Time	100000 Hours

Electrical Parameters

Power A	100W
Power B	200W
Power C	300W
Power D	400W
Power E	500W
Power F	600W
Power G	800W
Power H	1000W
Voltage	AC85-305V
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP66
IK Grade	IK08
SPD	10KV 20KV (Optional)

Driver

Brand	Philips Inventronics Sosen OEM
Power Factor	>0.90
Performance	> 90%
IP Grade	IP67
THD	<12%

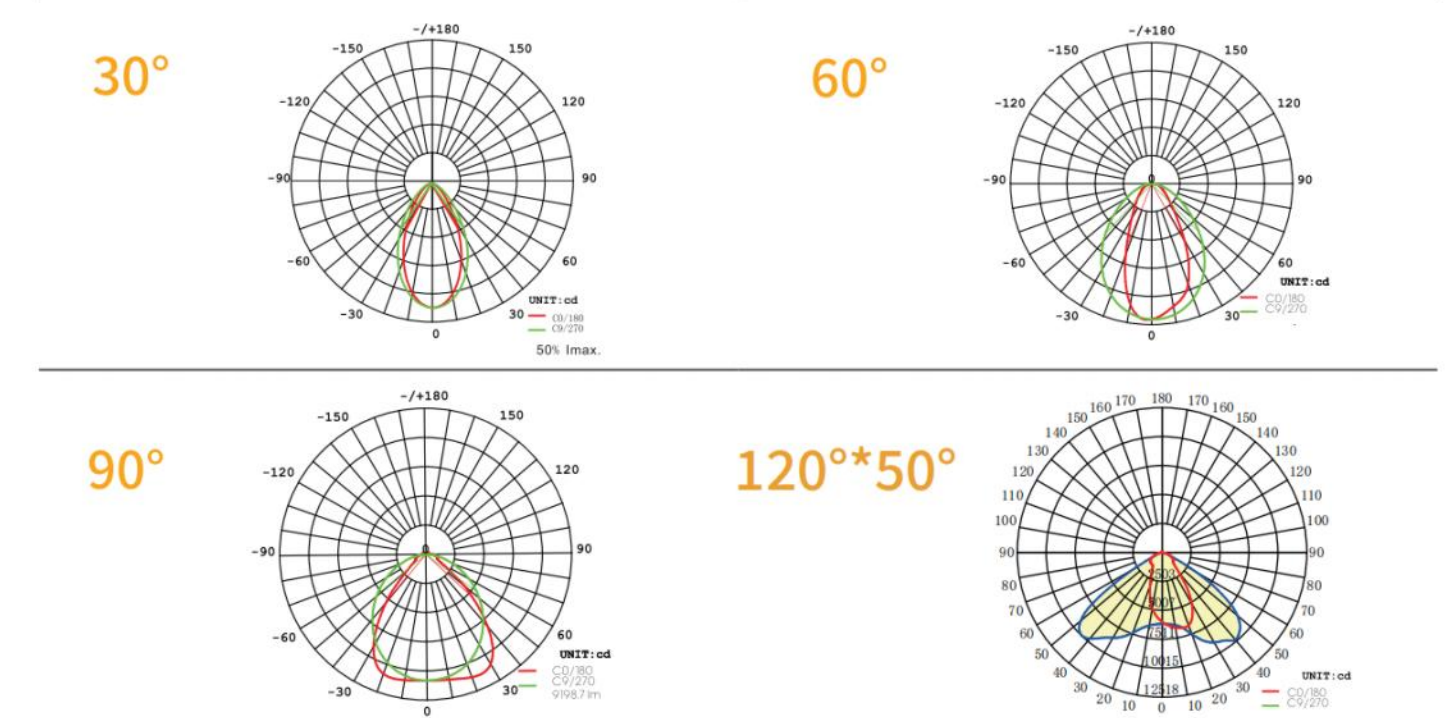
Materials and Properties

Material Of Shell	Aluminum (ADC12)
Material Of Lens	PC
Size 100W (mm)	338*140*51
Size 200W (mm)	338*245*51
Size 300W (mm)	338*350*51
Size 400W (mm)	338*455*51
Size 500W (mm)	338*560*51
Size 600W (mm)	660*368*165
Size 800W (mm)	660*473*165
Size 1000W (mm)	660*578*165

Tested according to

CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Product Size

