



MGMFLV2017 SERIES

Ideal solution for sport lighting

High uniformity on the ground and low light pollution to outside the field

Various light distribution and big power range
to satisfy different application.

Die-casting design with tempered glass
to ensure long life time in outdoor condition.

Modular design for easy maintenance.

Latest version of LED & Driver.

Suitable for Sport fields, High mast, Harbor, Gymnasiums,
Warehouse, Decoration, Billboard, Garden/Building,
Professional light distribution design
Easy installation and maintenance



MGMFLV2017.30/50

MODULAR FLOODLIGHT



HOT

MAIN FEATURES

- Power Range from 75W to 1,200W
- System Efficiency up to 130lm/Watt (145lm/W for 15°)
- Different beam angle 110°, 15°, 25°, 60°, 90°, 130°x60° Asymmetric
- Meanwell ELG/HLG driver
- Die-casting Aluminum housing with **AkzoNobel powder coating**
- Lumileds 3030/5050 LEDs
- Dali, 0/1-10V, PWM Dimmable available

LED CALCULATED LIFE

- Lifetime (L70B50)**
155,000 hrs
- Lifetime (L80B50)**
97,000 hrs
- Lifetime (L90B50)**
46,000 hrs

MGMFLV2017.30B/50B

MODULAR FLOODLIGHT



CB CE RoHS FC

MAIN FEATURES

- Power Range from 75W to 1,200W
- System Efficiency up to 155lm/Watt
- Different beam angle 110°, 25°, 60°, 130°x25°, 130°x40° Asymmetric
- Meanwell ELG/HLG driver
- Die-casting Aluminum housing with **AkzoNobel powder coating**
- Lumileds 3030/5050 LEDs
- Dali, 0/1-10V, PWM Dimmable available

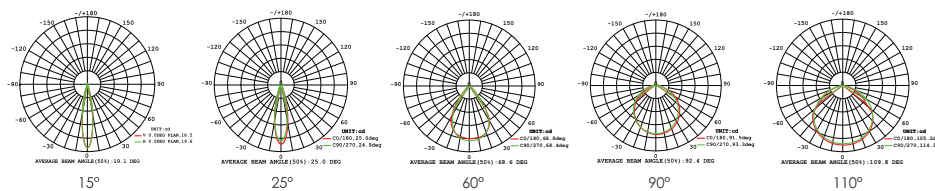
LED CALCULATED LIFE

- Lifetime (L70B50)**
155,000 hrs
- Lifetime (L80B50)**
97,000 hrs
- Lifetime (L90B50)**
46,000 hrs

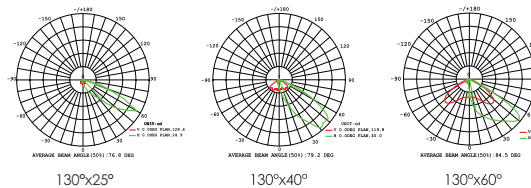


LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

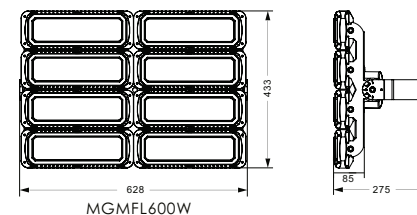
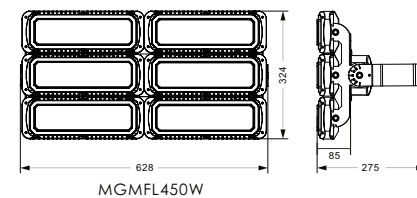
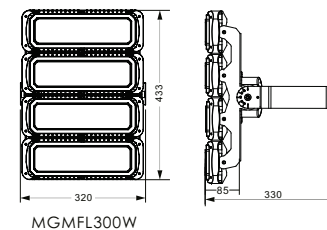
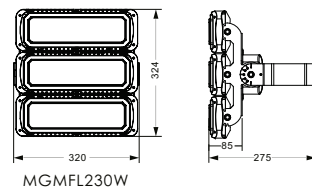
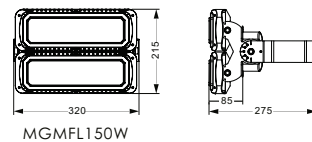
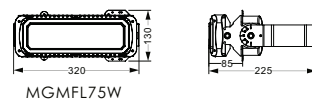
Symmetric

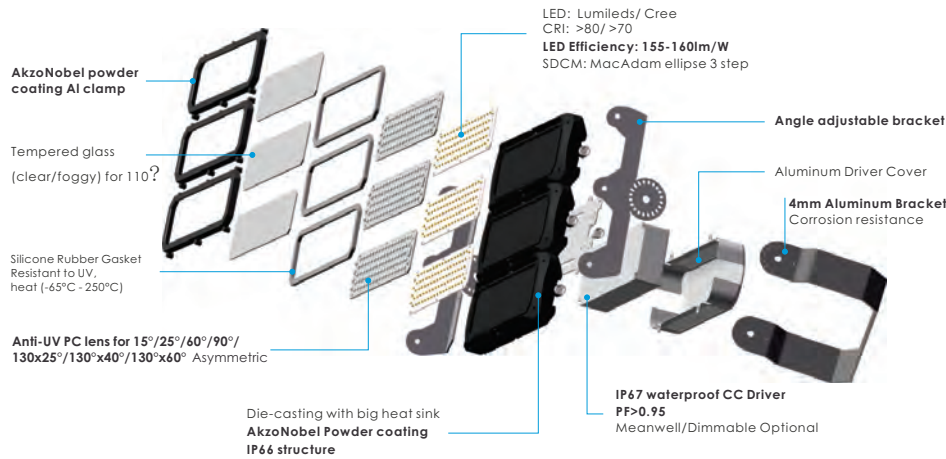
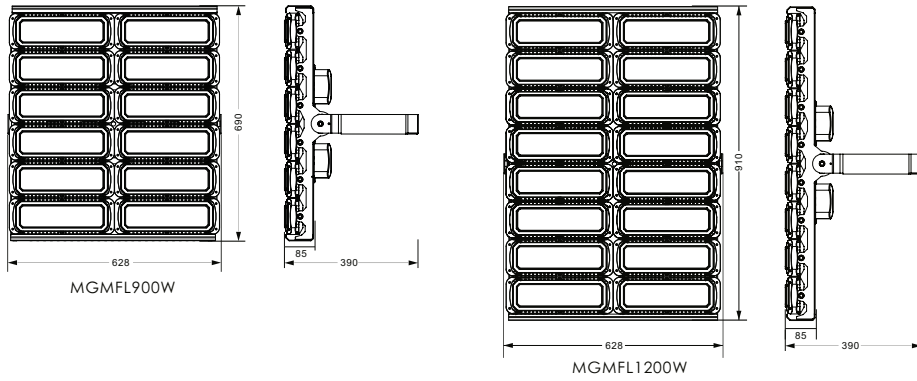


Asymmetric



DIMENSIONS





TECHNICAL DATA

The definition of models: MGMFL xxxWyy zzzz

xxx Means power :75,150,230, 300, 450, 600, 900, 1200; yy Means the type of LED: 30=3030, 50=5050

zzzz Means view angel: 15°(lens), 25°(lens), 60°(lens), 90°(lens), 110°(glass), 130°x25°(lens), 130°x40°(lens), 130°x60°(lens).

Model No.	LED Power (W)	System Power (W)	Input (Vac)	Luminous Flux (lm)	CRI	CCT	Beam Angle	Optical Cover	Inner Box(mm)	Outer Box (cm)	Net Weight
MGMFL75W30-110	66-71	72-78		9,000-9,700					365*200*290	43.5*38.5*62(4pcs/CTN)	3.2
MGMFL150W30-110	128-138	141-152		17,600-18,970					365*205*325	44*38*35(2pcs/CTN)	4.8
MGMFL230W30-110	205-221	220-237		27,500-29,600					385*365*205	40*38.5*44.5(2pcs/CTN)	6.7
MGMFL300W30-110	274-295	295-318	100-240	36,900-39,700	>80	3000K	110°	Clear/Foggy Glass	475*365*205	49*38.5*44.5(2pcs/CTN)	8.7
MGMFL450W30-110	410-441	440-474		55,000-59,300		4000K			/	67.5*39.5*20.5(1pcs/CTN)	13.4
MGMFL600W30-110	549-591	584-629		73,000-78,600		5700K			/	67.5*47.5*20.5(1pcs/CTN)	17.5
MGMFL900W30-110	819-882	881-948		110,100-118,500					/	76.5*67.5*20.5(1pcs/CTN)	29.35
MGMFL1200W30-110	1097-1182	1168-1257		145,900-157,200					/	96.5*67.5*20.5(1pcs/CTN)	38.25

TECHNICAL DATA

The definition of models: MGMFL xxxWyy zzzz

xxx Means power :75,150,230, 300, 450, 600, 900, 1200; yy Means the type of LED: 30=3030, 50=5050

zzzz Means view angel: 15°(lens), 25°(lens), 60°(lens), 90°(lens), 110°(glass), 130°x25°(lens), 130°x40°(lens), 130°x60°(lens).

Model No.	LED Power (W)	System Power (W)	Input (Vac)	Luminous Flux (lm)	CRI	CCT	Beam Angle	Optical Cover	Inner Box(mm)	Outer Box (cm)	Net Weight
MGMFL75W308-110	62-67	68-73		10,000-10,800					365*200*290	43.5*38.5*62(4pcs/CTN)	3.2
MGMFL150W308-110	121-130	132-143		19,600-21,200					365*205*325	44*38*35(2pcs/CTN)	4.8
MGMFL230W308-110	193-208	207-224		30,600-33,100					385*365*205	40*38.5*44.5(2pcs/CTN)	6.7
MGMFL300W308-110	258-279	277-300	100-240	41,050-44,400	>70	3000K	110°	Clear/Foggy Glass	475*365*205	49*38.5*44.5(2pcs/CTN)	8.7
MGMFL450W308-110	385-417	414-448		61,300-66,300		4000K			/	67.5*39.5*20.5(1pcs/CTN)	13.4
MGMFL600W308-110	516-558	549-594		81,200-87,900		5700K			/	67.5*47.5*20.5(1pcs/CTN)	17.5
MGMFL900W308-110	770-833	828-896		122,500-132,600					/	76.5*67.5*20.5(1pcs/CTN)	29.35
MGMFL1200W308-110	1032-1116	1098-1187		162,500-175,700					/	96.5*67.5*20.5(1pcs/CTN)	38.25
Model No.	LED Power (W)	System Power (W)	Input (Vac)	Luminous Flux (lm)	CRI	CCT	Beam Angle	Optical Cover	Inner Box(mm)	Outer Box (cm)	Net Weight
MGMFL75W50-15	62-67	68-74		9,500-10,300					365*200*290	43.5*38.5*62(4pcs/CTN)	3.1
MGMFL150W50-15	123-134	135-148		19,000-20,700					365*205*325	44*38*35(2pcs/CTN)	4.6
MGMFL230W50-15	185-202	199-217		28,600-31,200					385*365*205	40*38.5*44.5(2pcs/CTN)	6.4
MGMFL300W50-15	246-269	262-286	100-240	37,700-41,200	>70	3000K	15°	PC Lens	475*365*205	49*38.5*44.5(2pcs/CTN)	8.3
MGMFL450W50-15	370-403	397-434		57,200-62,400		4000K			/	67.5*39.5*20.5(1pcs/CTN)	12.9
MGMFL600W50-15	493-538	524-572		75,500-82,400		5700K			/	67.5*47.5*20.5(1pcs/CTN)	16.8
MGMFL900W50-15	739-806	795-867		114,500-124,900					/	76.5*67.5*20.5(1pcs/CTN)	28.25
MGMFL1200W50-15	986-1075	1049-1144		151,000-165,000					/	96.5*67.5*20.5(1pcs/CTN)	36.45
Model No.	LED Power (W)	System Power (W)	Input (Vac)	Luminous Flux (lm)	CRI	CCT	Beam Angle	Optical Cover	Inner Box(mm)	Outer Box (cm)	Net Weight
MGMFL75W50-25/60/90/Asy	65-70	71-77		9,200-10,000					365*200*290	43.5*38.5*62(4pcs/CTN)	3.1
MGMFL150W50-25/60/90/Asy	129-140	142-154		18,500-20,000					365*205*325	44*38*35(2pcs/CTN)	4.6
MGMFL230W50-25/60/90/Asy	194-210	209-226		27,100-29,400					385*365*205	40*38.5*44.5(2pcs/CTN)	6.4
MGMFL300W50-25/60/90/Asy	259-280	275-298	100-240	35,800-38,700	>70	3000K	25° 60° 90°	PC Lens	475*365*205	49*38.5*44.5(2pcs/CTN)	8.3
MGMFL450W50-25/60/90/Asy	388-420	417-452		54,200-58,700		4000K			/	67.5*39.5*20.5(1pcs/CTN)	12.9
MGMFL600W50-25/60/90/Asy	517-560	550-596		71,600-77,400		5700K			/	67.5*47.5*20.5(1pcs/CTN)	16.8
MGMFL900W50-25/60/90/Asy	776-840	835-903		108,500-117,400					/	76.5*67.5*20.5(1pcs/CTN)	28.25
MGMFL1200W50-25/60/90/Asy	1035-1120	1101-1191		143,100-154,900					/	96.5*67.5*20.5(1pcs/CTN)	36.45
Model No.	LED Power (W)	System Power (W)	Input (Vac)	Luminous Flux (lm)	CRI	CCT	Beam Angle	Optical Cover	Inner Box(mm)	Outer Box (cm)	Net Weight
MGMFL75W508-25/60/130x40	67-73	73-79		11,200-12,200					365*200*290	43.5*38.5*62(4pcs/CTN)	3.1
MGMFL150W508-25/60/130x40	134-146	145-159		22,400-24,500					365*205*325	44*38*35(2pcs/CTN)	4.6
MGMFL230W508-25/60/130x40	200-219	215-236		33,200-36,300					385*365*205	40*38.5*44.5(2pcs/CTN)	6.4
MGMFL300W508-25/60/130x40	267-292	284-311	100-240	43,800-47,900	>70	3000K	25° 60°	PC Lens	475*365*205	49*38.5*44.5(2pcs/CTN)	8.3
MGMFL450W508-25/60/130x40	401-438	431-471		66,400-72,600		4000K			/	67.5*39.5*20.5(1pcs/CTN)	12.9
MGMFL600W508-25/60/130x40	534-585	568-622		87,500-95,800		5700K			/	67.5*47.5*20.5(1pcs/CTN)	16.8
MGMFL900W508-25/60/130x40	801-877	862-943		132,700-145,200					/	76.5*67.5*20.5(1pcs/CTN)	28.25
MGMFL1200W508-25/60/130x40	1068-1169	1137-1244		175,000-191,600					/	96.5*67.5*20.5(1pcs/CTN)	36.45
Model No.	LED Power (W)	System Power (W)	Input (Vac)	Luminous Flux (lm)	CRI	CCT	Beam Angle	Optical Cover	Inner Box(mm)	Outer Box (cm)	Net Weight
MGMFL75W508-130x25	67-73	73-79		10,200-11,100					365*200*290	43.5*38.5*62(4pcs/CTN)	3.1
MGMFL150W508-130x25	134-146	145-159		20,300-22,200					365*205*325	44*38*35(2pcs/CTN)	4.6
MGMFL230W508-130x25	200-219	215-236		30,200-33,000					385*365*205	40*38.5*44.5(2pcs/CTN)	6.4
MGMFL300W508-130x25	267-292	284-311	100-240	39,800-43,500	>70	3000K	130°x25° Asy	PC Lens	475*365*205	49*38.5*44.5(2pcs/CTN)	8.3
MGMFL450W508-130x25	401-438	431-471		60,300-66,000		4000K			/	67.5*39.5*20.5(1pcs/CTN)	12.9
MGMFL600W508-130x25	534-585	568-622		79,600-87,100		5700K			/	67.5*47.5*20.5(1pcs/CTN)	16.8
MGMFL900W508-130x25	801-877	862-943		120,600-132,000					/	76.5*67.5*20.5(1pcs/CTN)	28.25
MGMFL1200W508-130x25	1068-1169	1137-1244		159,100-174,100					/	96.5*67.5*20.5(1pcs/CTN)	36.45