

## SPECIFICATION

Product: Modular Floodlight



### 1.Main Features

- Different beam angle 110°, 25°, 60°, 90°, 130° x 60° Asymmetric.
- Meanwell ELG/HLG drivers.
- Die-casting Aluminum housing with AkzoNobel powder coating.
- Long lifetime over 50,000 hrs, extremely low maintenance cost.
- CRI>80, CRI>70 optional.
- Osram/ Lumileds 3030/5050, LEDs up to 155lm/Watt @80Ra.
- Dali, 1-10V, PWM Dimmable available.
- Suitable for sport field, warehouse, gymnasium, workshop, Gas stations, Toll stations, Parking area, etc.



 **LUMILEDS**



### 2.Product details



Clear Tempered Glass



Foggy Tempered Glass



Anti-UV PC Lens



Stainless 304/316 screws



External driver with Al cover



Modular angle adjustable

## 3. Technical Data

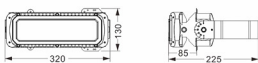
The definition of models: MFLxxxWyy-zzzz

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

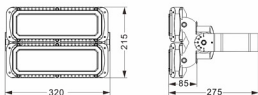
zzzz Means view angel: 25°(lens), 60°(lens), 90°(lens), 110°(glass).

Model	Power (W)	Input (Vac)	Luminous Flux (lm)	Luminaire efficacy (lm/W)	CRI	CCT.	Beam Angle	Optical Cover	LED	Driver	Housing	Net Weight
MFL75W30-110	75	100-240	9380	120-130	80	3000K 4000K 5700K	110°	Clear/Foggy Glass	Osram /Lumileds 3030 2D	Meanwell ELG	Die-casting Aluminum	3.2
MFL150W30-110	150		18500							Meanwell ELG		4.8
MFL230W30-110	230		28000							Meanwell ELG		6.7
MFL300W30-110	300		37500							Meanwell HLG		8.7
MFL450W30-110	450		58100							Meanwell ELG		13.4
MFL600W30-110	600		74000							Meanwell HLG		17.5
MFL900W30-110	900		112500							Meanwell ELG		29.35
MFL1200W30-110	1200		148000							Meanwell HLG		38.25
Model	Power (W)	Input (Vac)	Luminous Flux (lm)	Luminaire efficacy (lm/W)	CRI	CCT.	Beam Angle	Optical Cover	LED	Driver	Housing	Net Weight
MFL75W50-25	75	100-240	8300	110-120	70	3000K 4000K 5700K	25°	PC Lens	Osram /Lumileds 5050	Meanwell ELG	Die-casting Aluminum	3.1
MFL150W50-25	150		16500							Meanwell ELG		4.6
MFL230W50-25	230		25800							Meanwell ELG		6.4
MFL300W50-25	300		33600							Meanwell HLG		8.3
MFL450W50-25	450		51800							Meanwell ELG		12.9
MFL600W50-25	600		69000							Meanwell HLG		16.8
MFL900W50-25	900		103500							Meanwell ELG		28.25
MFL1200W50-25	1200		142000							Meanwell HLG		36.45
Model	Power (W)	Input (Vac)	Luminous Flux (lm)	Luminaire efficacy (lm/W)	CRI	CCT.	Beam Angle	Optical Cover	LED	Driver	Housing	Net Weight
MFL75W50-60	75	100-240	8700	110-120	70	3000K 4000K 5700K	60°	PC Lens	Osram /Lumileds 5050	Meanwell ELG	Die-casting Aluminum	3.1
MFL150W50-60	150		16500							Meanwell ELG		4.6
MFL230W50-60	230		26500							Meanwell ELG		6.4
MFL300W50-60	300		34800							Meanwell HLG		8.3
MFL450W50-60	450		51800							Meanwell ELG		12.9
MFL600W50-60	600		69000							Meanwell HLG		16.8
MFL900W50-60	900		103500							Meanwell ELG		28.25
MFL1200W50-60	1200		138000							Meanwell HLG		36.45
Model	Power (W)	Input (Vac)	Luminous Flux (lm)	Luminaire efficacy (lm/W)	CRI	CCT.	Beam Angle	Optical Cover	LED	Driver	Housing	Net Weight
MFL75W50-90	75	100-240	8900	110-125	70	3000K 4000K 5700K	90°	PC Lens	Osram /Lumileds 5050	Meanwell ELG	Die-casting Aluminum	3.1
MFL150W50-90	150		16500							Meanwell ELG		4.6
MFL230W50-90	230		26900							Meanwell ELG		6.4
MFL300W50-90	300		36900							Meanwell HLG		8.3
MFL450W50-90	450		53100							Meanwell ELG		12.9
MFL600W50-90	600		70800							Meanwell HLG		16.8
MFL900W50-90	900		106200							Meanwell ELG		28.25
MFL1200W50-90	1200		138000							Meanwell HLG		36.45
Model	Power (W)	Input (Vac)	Luminous Flux (lm)	Luminaire efficacy (lm/W)	CRI	CCT.	Beam Angle	Optical Cover	LED	Driver	Housing	Net Weight
MFL75W50-130X60	75	100-240	9525	125-130	70	3000K 4000K 5700K	130° X60°	PC Lens	Osram /Lumileds 5050	Meanwell ELG	Die-casting Aluminum	3.1
MFL150W50-130X60	150		19100							Meanwell ELG		4.6
MFL230W50-130X60	230		29900							Meanwell ELG		6.4
MFL300W50-130X60	300		39000							Meanwell HLG		8.3
MFL450W50-130X60	450		57600							Meanwell ELG		12.9
MFL600W50-130X60	600		75000							Meanwell HLG		16.8
MFL900W50-130X60	900		112500							Meanwell ELG		28.25
MFL1200W50-130X60	1200		150000							Meanwell HLG		36.45

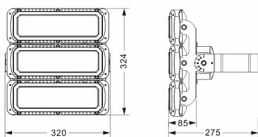
## 4. Dimensions



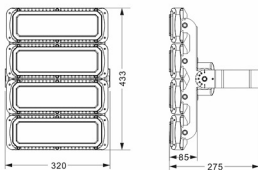
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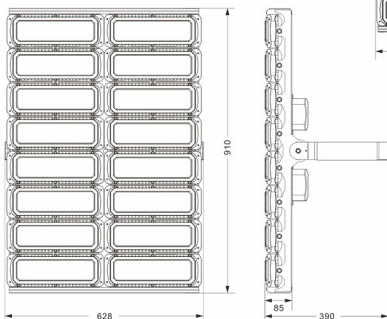
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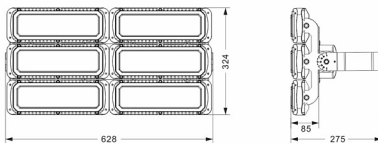
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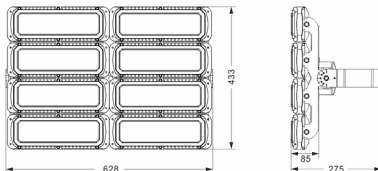
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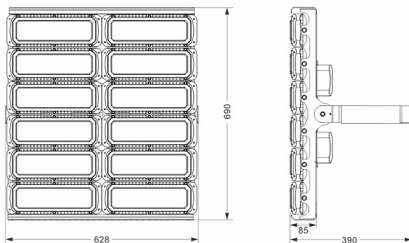
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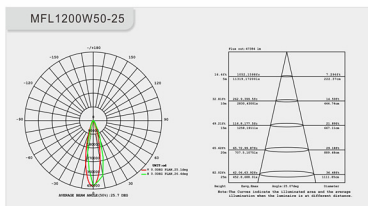
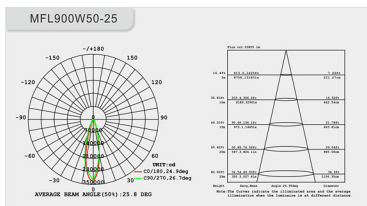
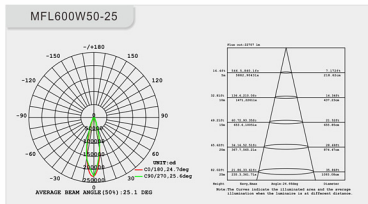
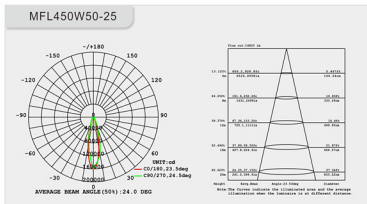
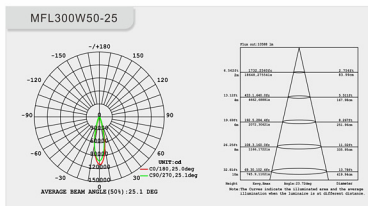
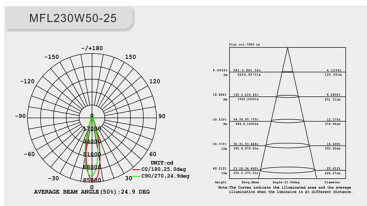
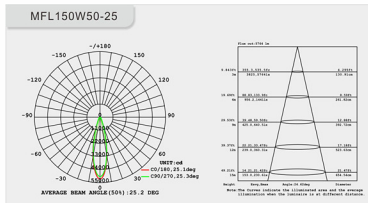
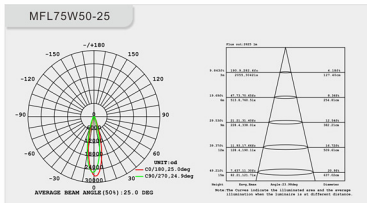


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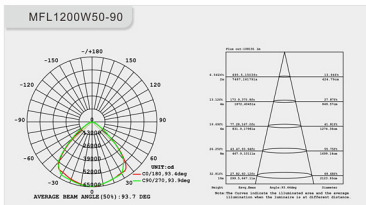
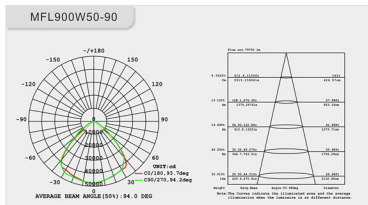
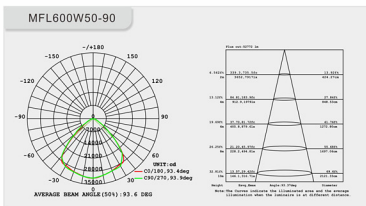
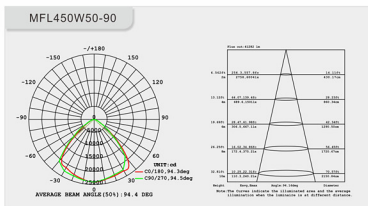
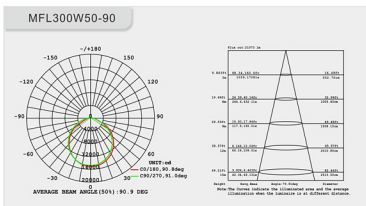
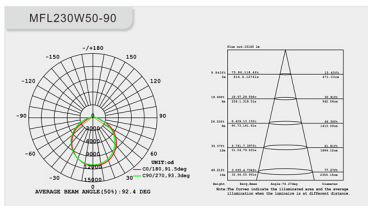
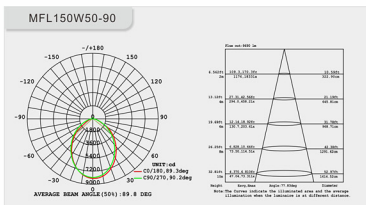
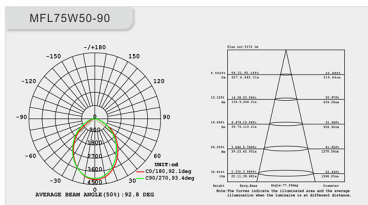
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## 5. Luminous Intensity Distribution Diagram

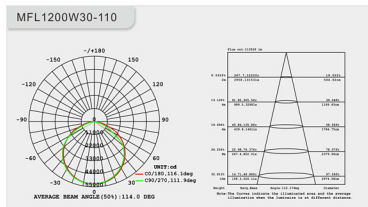
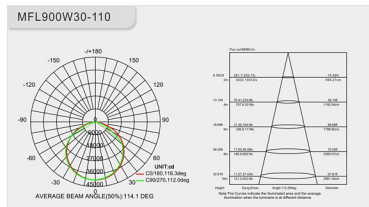
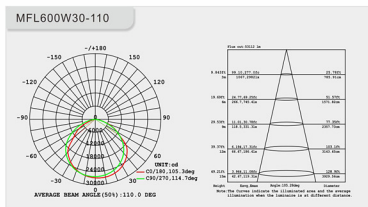
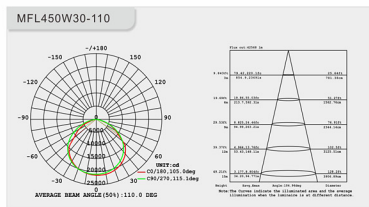
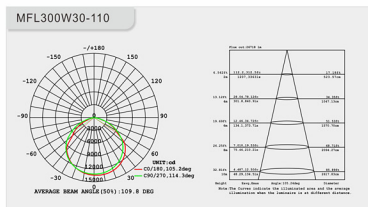
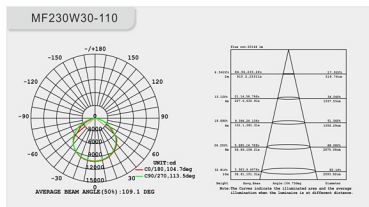
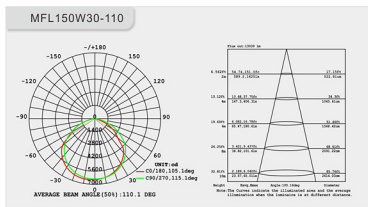
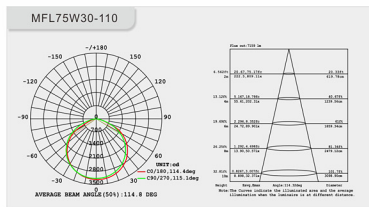




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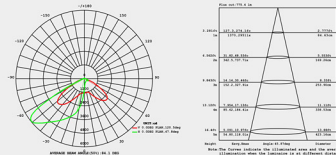


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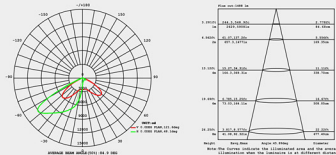


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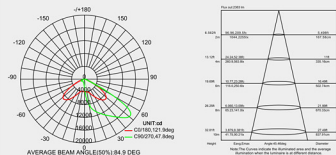
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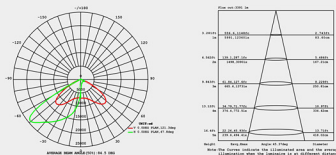
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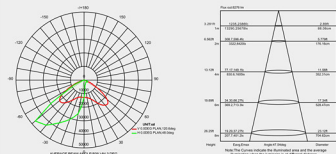
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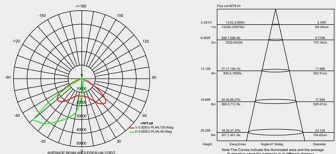
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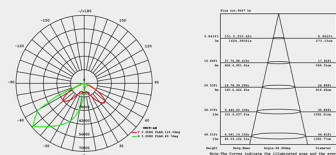
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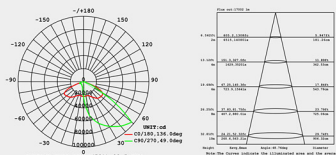
MFL600W50-130X60



MFL900W50-130X60



MFL1200W50-130X60







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