



Advantages



1. High brightness, Lumen output 160Lm/W
2. Wide beam angle range 8/20/40/60/90/100x140/P50/120 °
3. Special structure design for better heat dissipation
4. Each module 120W and 240W for difference applications
5. Outdoor powder coating on surface process
6. CE RoHS certificated



MF-FLL240WA



MF-FLL360WA



MF-FLL480WA



MF-FLL600WA



MF-FLL480WB



MF-FLL720WB



MF-FLL960WB

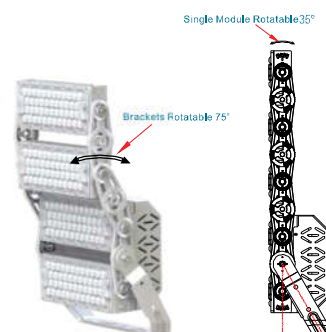
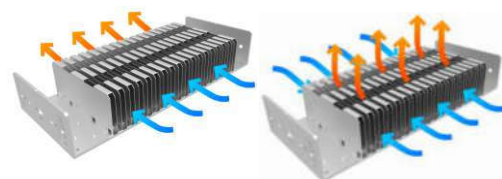


MF-FLL1440WB

Features

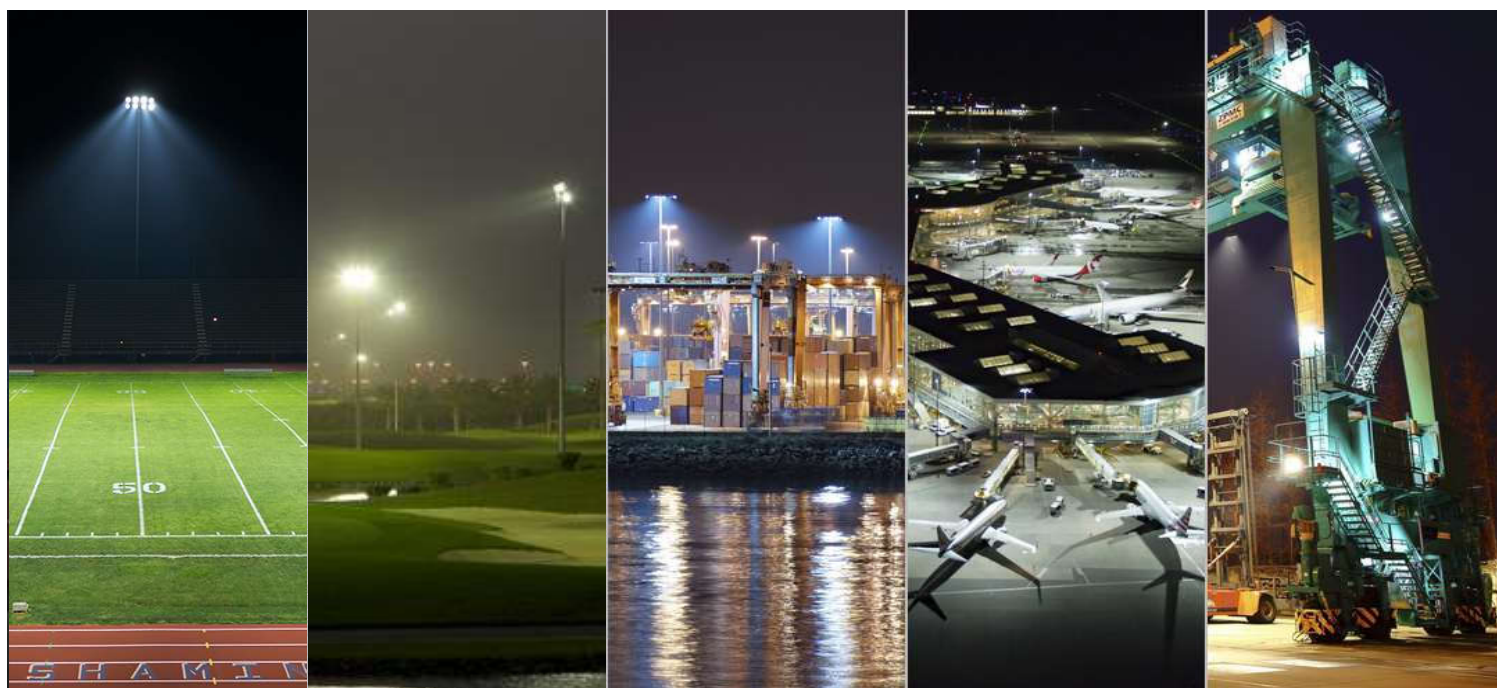
Sport Light Data Sheet-Horseman Family

1. Pure AL fin riveted on 0.6mm thickness aluminum base
2. Each module have 120W and 240W for choice
3. Special structure design with perfect heat dissipation
4. PC lens, beam angle 8/20/40/60/90/P50/100x140/120 degree
5. Lumileds SMD5050 led high brightness with 50,000 hours life
6. Meanwell or Inventronic driver inside stability and efficiency
7. IP 67 protection, Anti-dust, anti-corrosion, anti-UV, outdoor using
8. Wide CCT color, from 3000K - 6500K
9. Easy installation, rotatable module and rotatable brackets
10. Widely used on high mast lighting, square lighting, sports lighting etc
11. Warranty 5 years



Application

Sports lighting, Parking lot lighting, Wharf lighting, Square field lighting etc





Specifications | Sport Light Data Sheet-Horseman Family

Model	MF-FLL240WA	MF-FLL360WA	MF-FLL480WA	MF-FLL600WA
Lumens	37440Lm	49920Lm	74880Lm	93600Lm
Input Power	240W	320W	480W	600W
Input Voltage	220~240V AC	220~240V AC	220~240V AC	220~240V AC
Input Current	1.09A	1.45A	2.18A	2.73A
Frequency	50-60HZ	50-60HZ	50-60HZ	50-60HZ
Output Power	228W	304W	456W	570W
Output Current	4.75A	6.33A	4.75A	4.75A
Driver Model	ELG-240-48A*1	ELG-300-48A*1	ELG-240-48A*2	ELG-240-48A*2 ELG-150-48A*1
Power Factor	0.95			
Dimming	Available			
Chip&Beam Angle	Philips SMD3030 --- 60° / 90° / 100x140° / P50° / 120°			
Chip&Beam Angle	Philips SMD5050 --- 20° / 40° / 60° / 90° / 100x140° / P50° / 120°			
Chip&Beam Angle	Cree XPG SMD3535 --- 8°			
Light Efficiency	156Lm/W			
CCT	3000K - 6500K			
CRI	>75Ra			
Storage Temp	-50 to +60 °C			
Working Temp	-45 to 50°C			
Dimension	332x350x180mm	480x350x180mm	628x350x180mm	776x350x180mm
Life Span	50,000 H			
IP Class	IP 67			
Warranty	5 Years			



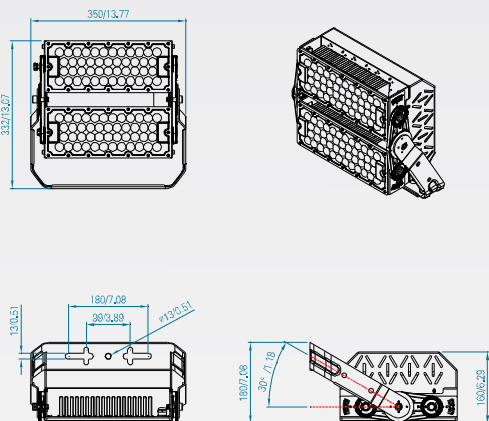
Specifications II

Sport Light Data Sheet-Horseman Family

Model	MF-FLL480WB	MF-FLL720WB	MF-FLL960WB	MF-FLL1200WB	MF-FLL1440WB
Lumens	76800Lm	115200Lm	153600Lm	192000Lm	230400Lm
Input Power	480W	720W	960W	1200W	1440W
Input Voltage	220~240V AC	220~240V AC	220~240V AC	220~240V AC	220~240V AC
Input Current	2.18A	3.27A	4.36A	5.45A	6.55A
Frequency	50-60HZ	50-60HZ	50-60HZ	50-60HZ	50-60HZ
Output Power	456W	684W	912W	1140W	1368W
Output Current	4.75A	4.75A	4.75A	4.75A	4.75A
Driver Model	ELG-240-48A*2	ELG-240-48A*3	ELG-300-48A*4	ELG-300-48A*5	ELG-240-48A*6
Power Factor	0.95				
Dimming	Available				
Chip&Beam Angle	Philips SMD3030 --- 60° / 90° / 100x140° / P50° / 120°				
Chip&Beam Angle	Philips SMD5050 --- 20° / 40° / 60° / 90° / 100x140° / P50° / 120°				
Chip&Beam Angle	Cree XPG SMD3535 --- 8°				
Light Efficiency	160Lm/W				
CCT	3000K - 6500K				
CRI	>75Ra				
Storage Temp	-50 to +60 °C				
Working Temp	-45 to 50°C				
Dimension	587x338x180mm	587x484x180mm	587x632x180mm	587x780x180mm	587x928x180mm
Life Span	50,000 H				
IP Class	IP 67				
Warranty	5 Years				

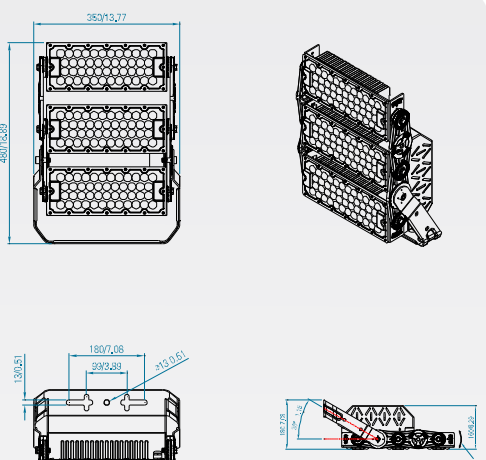
Dimension I

Sport Light Data Sheet-Horseman Family



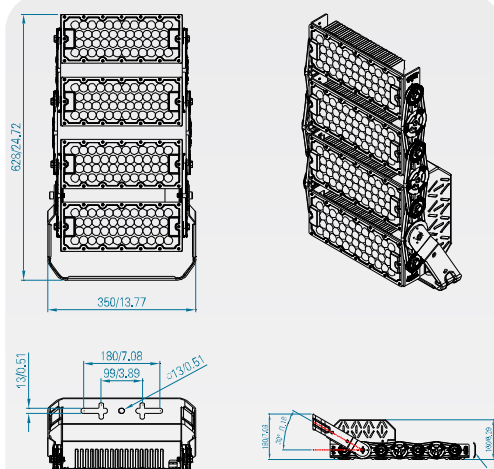
MF-FLL240WA

Length (mm/in)	332mm/13.1in
Width (mm/in)	350mm/13.8in
Height (mm/in)	180mm/7.1in



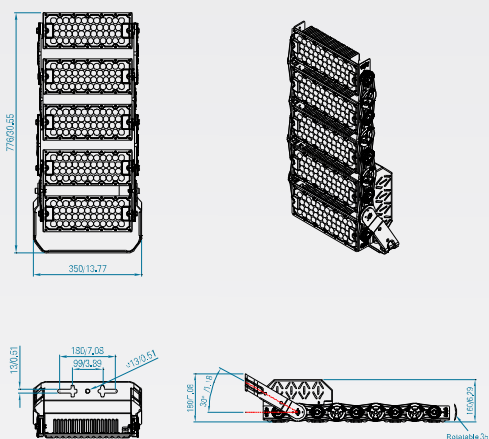
MF-FLL360WA

Length (mm/in)	480mm/18.9in
Width (mm/in)	350mm/13.8in
Height (mm/in)	180mm/7.1in



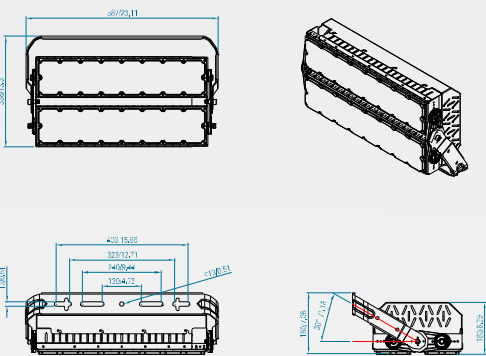
MF-FLL480WA

Length (mm/in)	628mm/24.7in
Width (mm/in)	350mm/13.8in
Height (mm/in)	180mm/7.1in



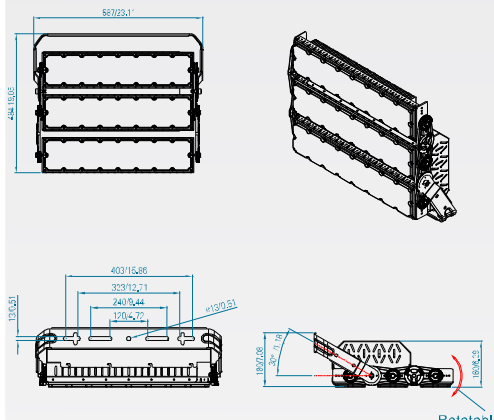
MF-FLL600WA

Length (mm/in)	776mm/30.6in
Width (mm/in)	350mm/13.8in
Height (mm/in)	180mm/7.1in



MF-FLL480WB

Length (mm/in)	480mm/18.9in
Width (mm/in)	338mm/13.3in
Height (mm/in)	180mm/7.1in

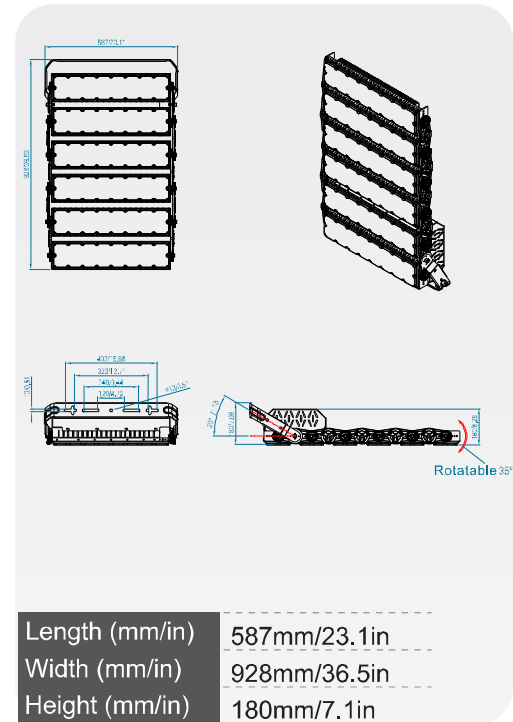
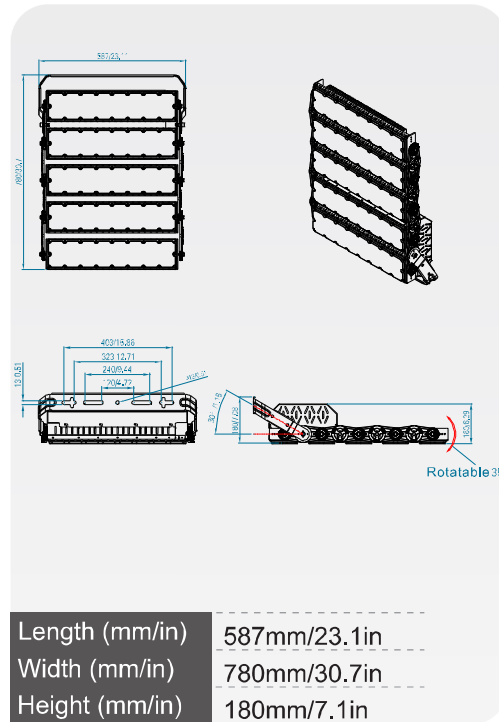
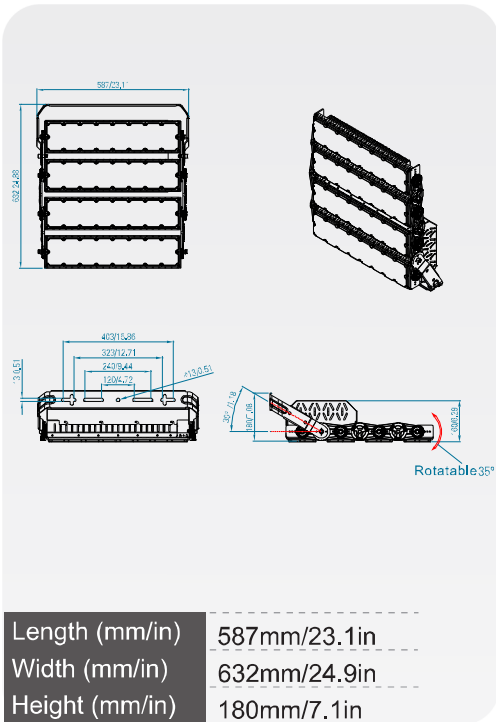


MF-FLL720WB

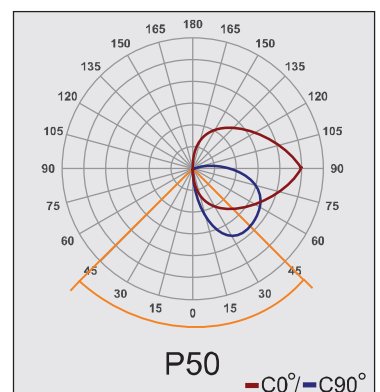
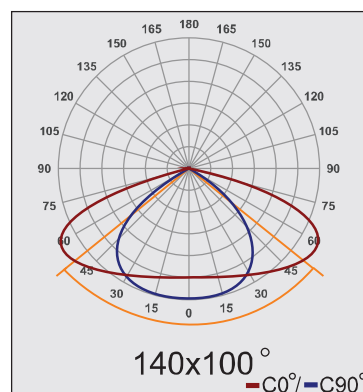
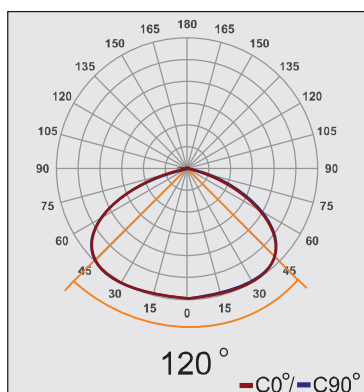
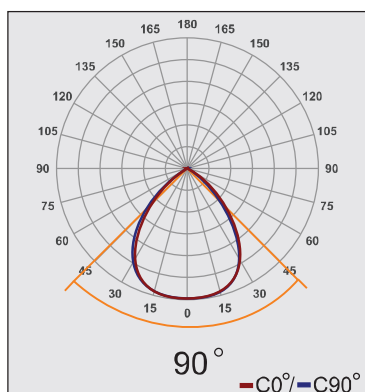
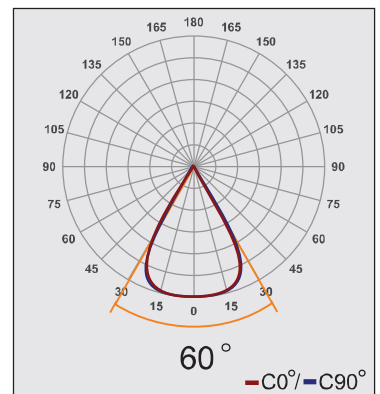
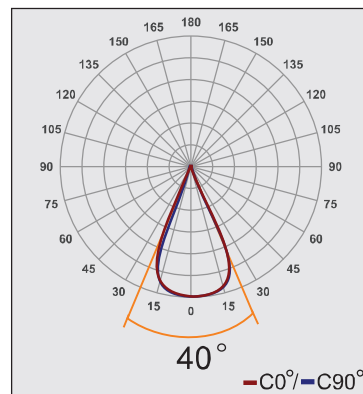
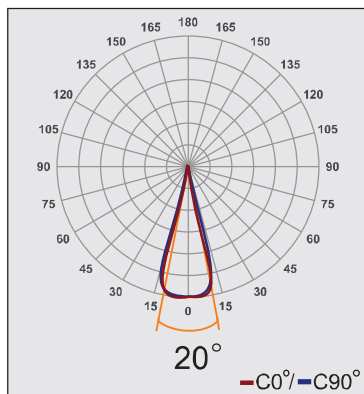
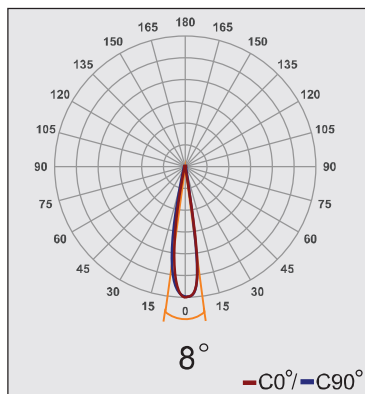
Length (mm/in)	587mm/23.1in
Width (mm/in)	338mm/13.3in
Height (mm/in)	180mm/7.1in

Dimension II

Sport Light Data Sheet-Horseman Family



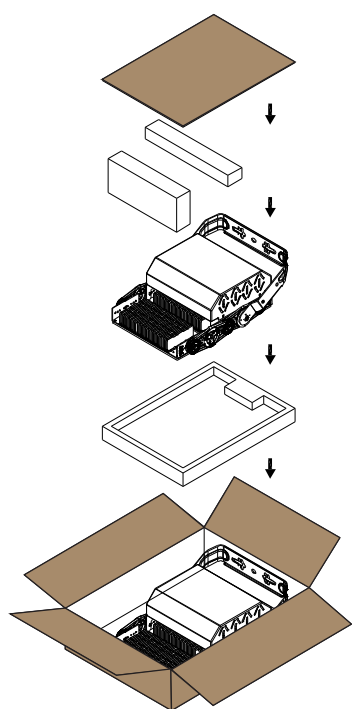
Light Distribution



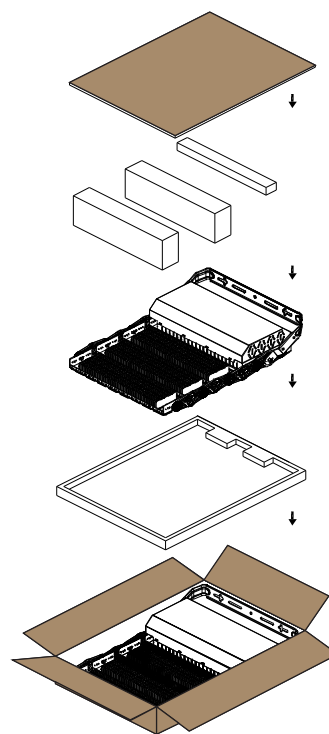
Packing Details Sport Light Data Sheet-Horseman Family

	240WA	360WA	480WA	600WA
Length (mm/inch)	364mm/14.3in	498mm/19.6in	638mm/25.1in	778mm/30.6in
Width (mm/inch)	358mm/14.1in	364mm/14.3in	364mm/14.3in	364mm/14.3in
Height (mm/inch)	230mm/9.1in	230mm/9.1in	230mm/9.1in	230mm/9.1in
Quantity/Carton	1pcs/carton	1pc/carton	1pc/cartom	1pc/carton
Gross Weight(Kg)	5.5Kg	7.6Kg	9.7Kg	13.1Kg

	480WB	720WB	960WB	1200WB	1440WB
Length (mm/inch)	636mm/25.0in	636mm/25.0in	636mm/25.0in	636mm/25.0in	636mm/25.0in
Width (mm/inch)	408mm/16.1in	556mm/21.9in	740mm/27.7in	852mm/33.5in	1000mm/39.4in
Height (mm/inch)	237mm/9.3in	237mm/9.3in	237mm/9.3in	237mm/9.3in	237mm/9.3in
Quantity/Carton	1pcs/carton	1pc/carton	1pc/carton	1pc/cartom	1pc/carton
Gross Weight(Kg)	9.8Kg	13.5Kg	16.4Kg	19.9Kg	26.3Kg



240WA-600WA
packing way



480WB-1440WB
packing way