

SPORTS SERIES



PROFESSIONAL LIGHTING
FOR SPORTS & HIGH MAST



Flicker < 1%	IP66	IK08	10-20KV	Anti-corrosion	UV
0-10V	DALI	DMX RDM	WARRANTY 5 YEAR		

HS-HM-F

LED STADIUM LIGHT

BEAM ANGLE
OPTIONS



LED Stadium Light



Product Description

Designed for engineering projects

The LED Stadium Light series is designed to provide the best solution for sports, highway and parking tower light towers. The lamp body is made of die-cast aluminum alloy for optimal performance even in harsh environments. The diffuser is made of 4 mm thick tempered extra-clear flat glass, resistant to impact and UV rays.



The lamp body is made of die-cast aluminum alloy for optimal performance even in harsh environments.



The HI-TITAN series ensures operation even in ambient temperatures of up to +50°C.



The solution is compatible with the DALI protocol and can be integrated into control systems for device management.



The range of optics (asymmetric and symmetric) enables solutions for excellent illumination of ground floor areas.

Product Advantages



Superior Heat Dissipation

Efficient thermal design extends service life.



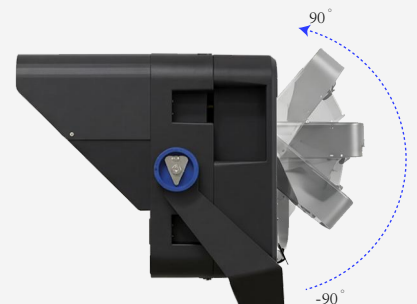
High Temperature Resistance

Premium material & precise craftsmanship, stable operation from -40 °C to +50 °C.



Adjustable Beam Angle

Rotatable bracket enables multi-angle adjustment for diverse application scenarios.

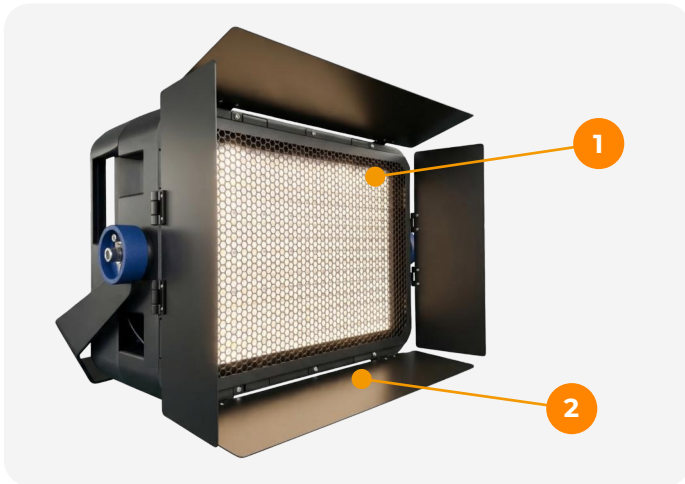


LED Stadium Light



Anti Glare Accessories • Customization Options

For courts, stadiums and projects requiring better glare control and light spill reduction.



1 Honeycomb Grid

Reduces glare and light spill while improving beam control and visual comfort.

2 Adjustable Barn Doors

Side panels help shape the beam, block unwanted light and improve aiming precision.

RGBW Smart Control Module

Optional RGBW version uses high-performance RGBW LEDs and a smart control system to support vibrant colors, smooth dimming and dynamic scenes for professional applications.



Full Color Display
RGBW 4-color mixing, rich and vibrant colors



0-10V Precise Dimming
0-100% smooth dimming, flicker-free



Intelligent Control
Supports DMX512/RDM, compatible with mainstream control systems



Multiple Dynamic Effects
Built-in multiple scene modes and dynamic effects

Color Performance



Red

Green

Blue

White

Applications



Stadium



Architectural
Lighting



Stage
Performance



Events



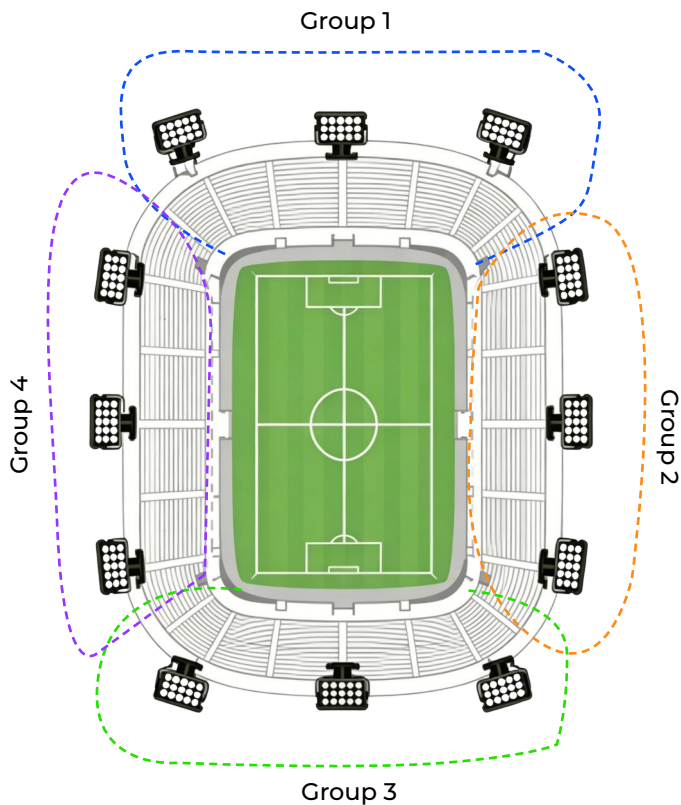
LED Stadium Light



DMX512 Smart Lighting Control System

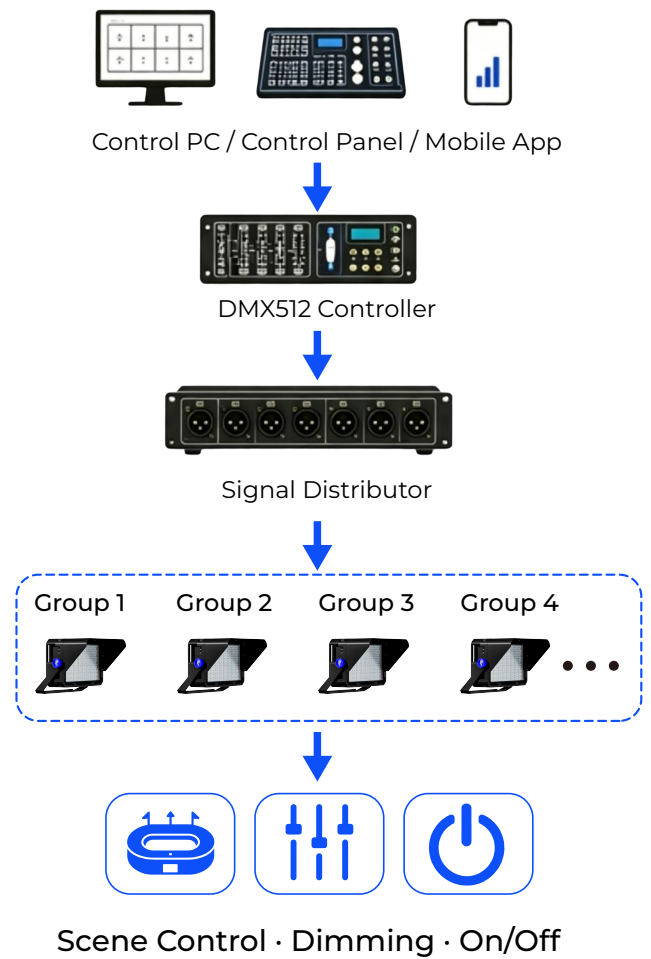
Optional DMX512/RDM Scene Control

Group Control



Fixtures can be divided into 4 groups (expandable) for independent area control.

Control Flow



Control function



DMX512 / RDM

Addressable Control
& Scene Recall



Group Control

Independent On/Off
& Dimming



Scene Modes

Preset Lighting
Scenarios



System Integration

RGBW & Platform
Expansion



Note: DMX512/RDM is optional. Configuration is subject to order confirmation.



LED Stadium Light



WARRANTY

Body material	Aluminium alloy
Surface treatment	Fluorozirconate passivation
Surface finish	Non-toxic polyester, anti UV, kilnpolymerised coating
Colour	Black (customizable color)
Diffuser material	Extra clear tempered glass
Protection rating	IP66 as per IEC 60598-1
Impact resistance	IK08 according to IEC/EN 62262
Corrosion class	C4-H (ISO 9223)
Mounting system	U-bracket/Round pole bracket/ 360° rotating bracket/Square pole/wall mount
Ambient operating temperature	-30 °C - +50 °C
Ambient storage temperature	-40 °C - +70 °C
Actual efficacy of the device	Up to 190 lm/W
CCT	2700K to 6500K
Optics features	Non-ageing, UV-resistant PC lenses with >90% efficiency and >95% transparency Glass
CRI	≥ 70,80,90
Residual flicker	< 1%
Luminous flux maintenance	110.000h Tq= +50 °C
Insulation class	I
Input voltage	100-277V/200-480V /50/60 Hz
Surge protection	10 KV/20KV
Power factor	≥ 0,95
Intelligent Control	0-10V,DAIL,DMX512,CASAMBI
TV broadcast standard	Support

LED Stadium Light

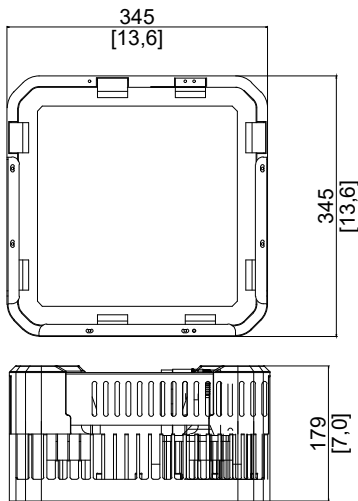


Technical Specifications

300W/400W

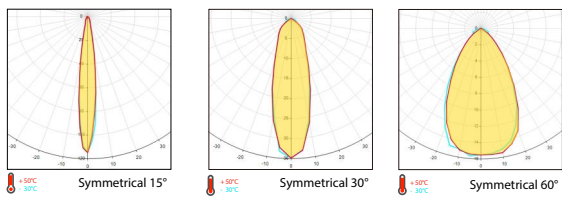


Product Dimensions



L345 x W345 X H179 mm

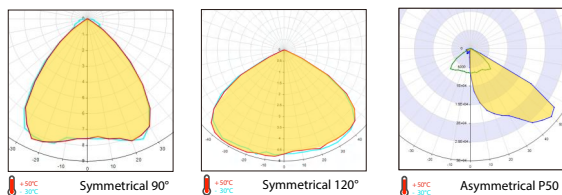
Photometrics



15°

30°

60°



90°

120°

Asymmetrical P50

Technical Data

Model Number	HS-HM300W-F30/F50	HS-HM400W-F30/F50
Power	300W	400W
LED Chips	3030 / 5050	3030 / 5050
Lumen Output	42,862 / 52,149 lm	54,951 / 68,142 lm
LED Quantity	320 / 160	400 / 200
Dimension	L345 x W345 x H179 mm	
CCT	2700K-6500K	
CRI	>70, 80, 90	
Beam Angles	15° / 30° / 60° / 90° / 120° / 50	

Electrical Details

Input Voltage	100-277V / 200-480V
Frequency	50 / 60 Hz
Surge Protection	10KV / 20KV
Power Factor	>0.95
Cotrol Options	Optional: 0-10V / DALI / DMX512
RGBW Version	Optional

Other Details

IP Rating	IP66
Impact Resistance	IK08
Operating Temp.	-30°C to +50°C
Storage Temp.	-40°C to +70°C
Housing	Aluminum Alloy
Lens	Tempered Glass Lens, UV- Resistant
Effective Projected Area (EPA)	0.14 m² / 1.54 ft²
Accessories	Optional Honeycomb Grid / Adjustable Bran Doors
Warranty	7 Years

* Data based on 500W, 5700K, 160lm/W. Actual performance may vary.



LED Stadium Light

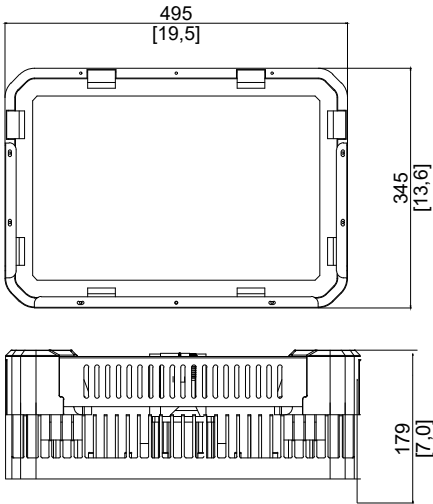


Technical Specifications

500W/680W/750W

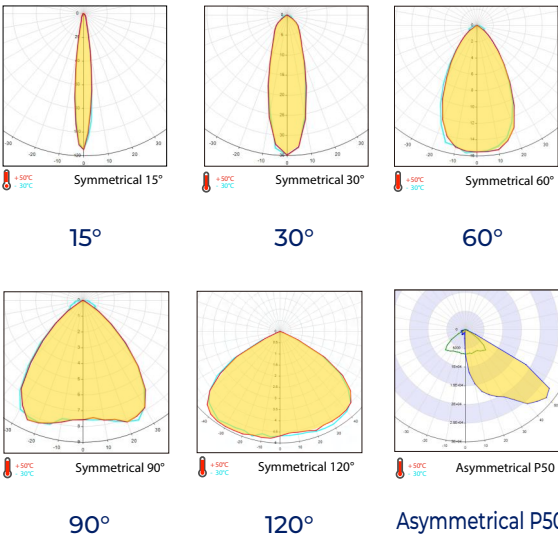


Product Dimensions



L495 x W345 X H179 mm

Photometrics



Technical Data

Model Number	HS-HM500W-F30/F50	HS-HM680W-F30/F50	HS-HM750-F50
Power	500W	680W	750W
LED Chips	3030 / 5050	3030 / 5050	3030 / 5050
Lumen Output	73,497 / 89,000 lm	91,548 / 114,694 lm	133,612 lm
LED Quantity	640 / 320	640 / 320	320
Dimension	L495 x W345 x H179 mm		
CCT	2700K-6500K		
CRI	>70, 80, 90		
Beam Angles	15° / 30° / 60° / 90° / 120° / 50		

Electrical Details

Input Voltage	100-277V / 200-480V
Frequency	50 / 60 Hz
Surge Protection	10KV / 20KV
Power Factor	>0.95
Cotrol Options	Optional: 0-10V / DALI / DMX512
RGBW Version	Optional

Other Details

IP Rating	IP66
Impact Resistance	IK08
Operating Temp.	-30°C to +50°C
Storage Temp.	-40°C to + 70°C
Housing	Aluminum Alloy
Lens	Tempered Glass Lens, UV- Resistant
Effective Projected Area (EPA)	0.205 m ² / 2.21 ft ²
Accessories	Optional Honeycomb Grid / Adjustable Bran Doors
Warranty	7 Years

* Data based on 500W, 5700K, 160lm/W. Actual performance may vary.



LED Stadium Light

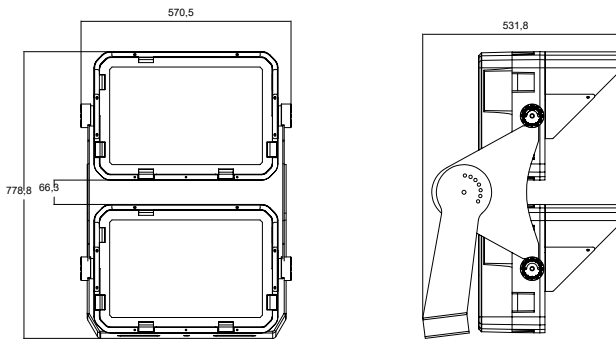


Technical Specifications

1500W



Product Dimensions



L778.8 x W570.5 X H531.8 mm

Technical Data

Model Number	HS-HM1500W-F50
Power	1500W
LED Chips	5050
Lumen Output	267,224 lm
LED Quantity	640
Dimension	L778.8 x W570.5 X H531.8 mm
CCT	2700K-6500K
CRI	>70, 80, 90
Beam Angles	15° / 30° / 60° / 90° / 120° / 50

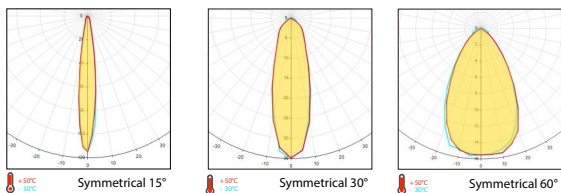
Electrical Details

Input Voltage	100-277V / 200-480V
Frequency	50 / 60 Hz
Surge Protection	10KV / 20KV
Power Factor	>0.95
Cotrol Options	Optional: 0-10V / DALI / DMX512
RGBW Version	Optional

Other Details

IP Rating	IP66
Impact Resistance	IK08
Operating Temp.	-30°C to +50°C
Storage Temp.	-40°C to + 70°C
Housing	Aluminum Alloy
Lens	Tempered Glass Lens, UV- Resistant
Effective Projected Area (EPA)	0.49 m ² / 5.25 ft ²
Accessories	Optional Honeycomb Grid / Adjustable Bran Doors
Warranty	7 Years

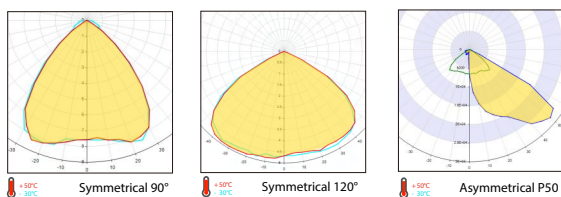
Photometrics



15°

30°

60°



90°

120°

Asymmetrical P50

* Data based on 500W, 5700K, 160lm/W. Actual performance may vary.



LED Stadium Light



Mounting Options

Optional mounting brackets for different installation needs.

1 HS-HM-01
360° Rotating Bracket



2 HS-HM-02
Round Pole Bracket



3 HS-HM-03
Square Pole / Wall Mount



4 HS-HM-04
U-Bracket



Anti-Glare Accessories Options

Optional accessories for glare reduction and precise light control.

1
Honeycomb Anti-Glare Grid



2
Adjustable Side Shields



3
90° Downward Shield



LED Stadium Light

Flicker
< 1%

IP66

IK08

10-20KV

Anti-corrosion

UV

0-10V

DALI

DMX
5125 YEAR
WARRANTY

Application Scenarios

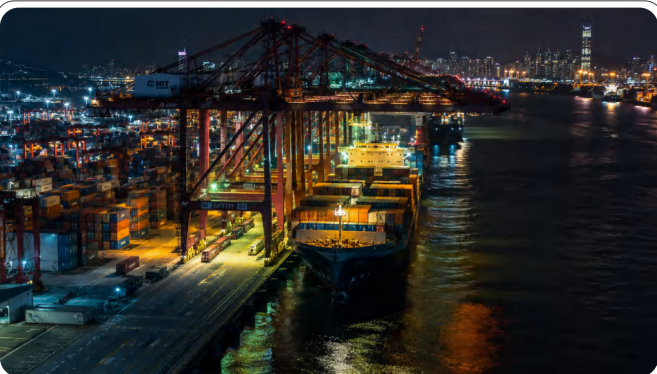
Typical project references for stadium, high mast, and outdoor area lighting.



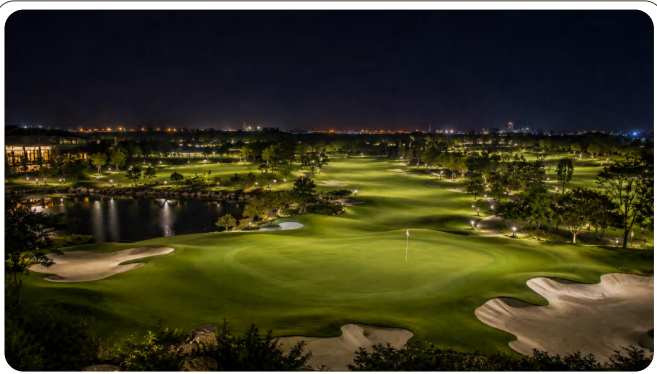
Football Stadium



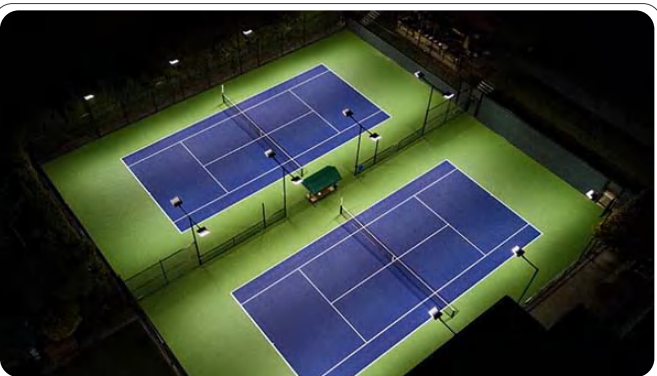
Airport Apron



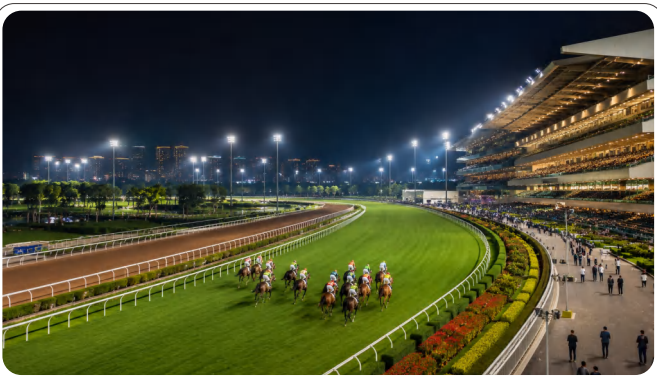
Container Port



Golf Course



Tennis Court



Horse Racing Track



Suitable for sports venues, transport hubs, ports, and large outdoor areas.

