

LIGHTING SOLUTION

HIGH MAST & SPORTS



TOGETHER, FOR A BRIGHTER FUTURE



UNILUMIN GROUP CO., LTD

HQ Address: No. 18 Haoye Road, Fuhai Sub-district, Bao'an District Shenzhen, Guangdong Province, China

Manufacturing Base: No.105 Zhongan Avenue, Minmin Town, Zhongshan, Guangdong Province, China

TEL: +86-0755-29918999 | FAX: +86-0755-29912092 | E-mail: ledlighting@unilumin.com

www.unilumin.com | www.unilumin-lighting.com

The product designs and specifications are subject to change without prior notice.
All rights reserved, copy is prohibited without the permission of Unilumin Group Co., Ltd.



Official Website



Facebook



Twitter



LinkedIn



Instagram



About Unilumin

Established in 2004, is a world-class LED lighting and display solution provider. As a key business of Unilumin Group, Unilumin Lighting has established a firm foothold in the LED lighting industry and has been a trusted global partner offering comprehensive lighting solutions and exceptional customer service. Our relentless dedication to R&D and customer satisfaction has positioned Unilumin as a top LED lighting brand, known for our worldwide presence and core competitive edges.

Why Choose Unilumin



16 Years of Outdoor Lighting Expertise



ISO/IEC 17025 Accredited LAB & Precise Automatic Production



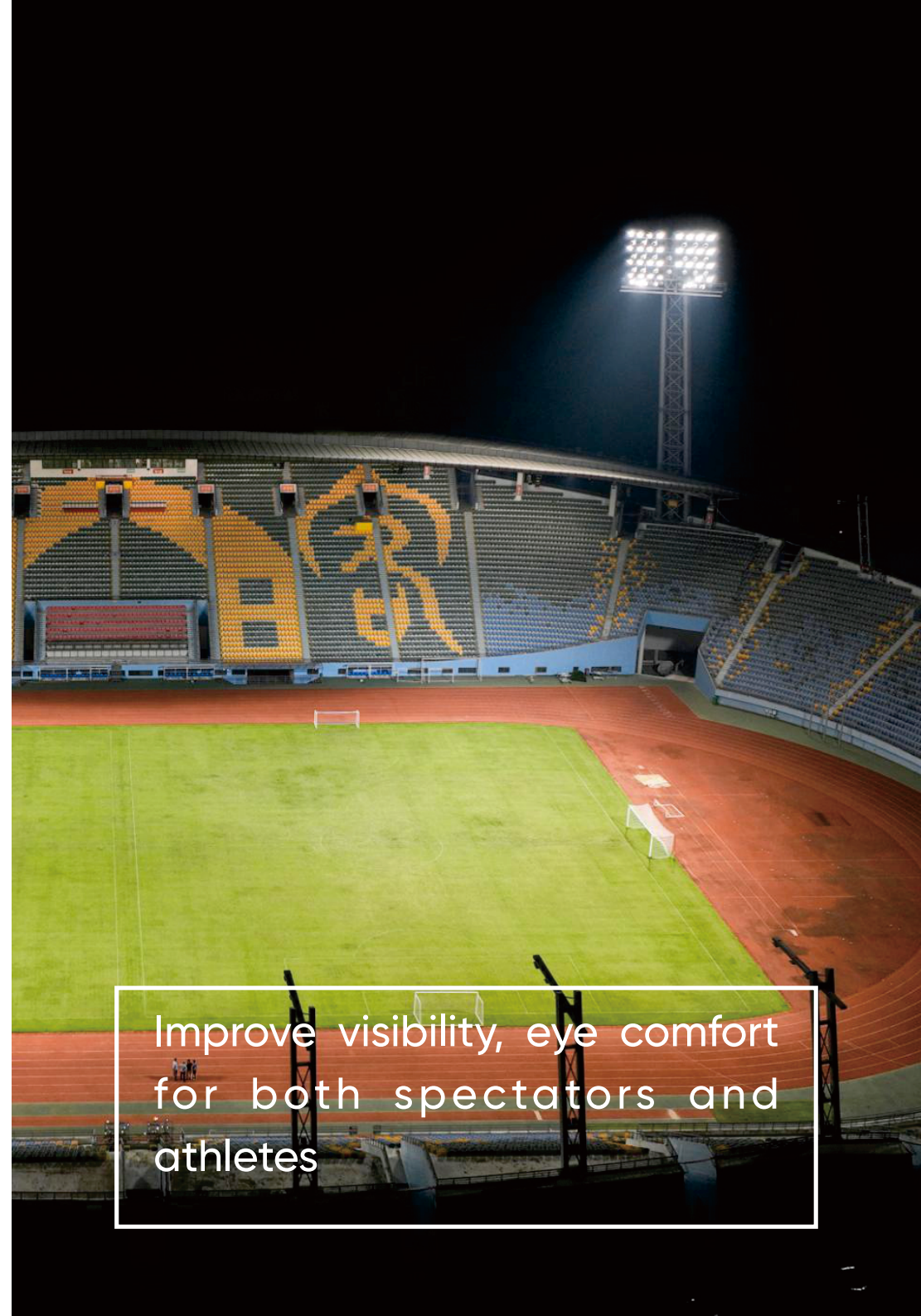
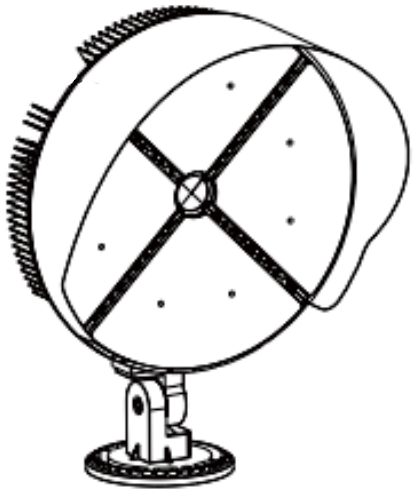
Flexible Customization Services



Recognized by Clients in Over **80** Countries

High Mast & Sports Lighting Solution

Unilumin High Mast & Sports Lighting Solution revolutionizes the sports lighting industry. Our state-of-the-art technology ensures exceptional visibility, enabling athletes to perform at their best. With energy-efficient design and low maintenance, we provide cost-effective solutions that empower venues to elevate their sports events while reducing operational expenses.



Improve visibility, eye comfort for both spectators and athletes



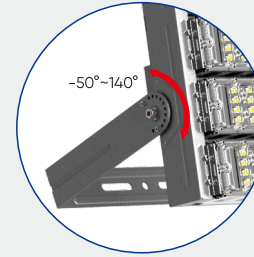
ModuLux Series

ModuLux series is a cost-effective LED high mast lighting product. With scalable and modular design, ModuLux is available in a wide power range from 40W to 480W and enables extensive application with a wide range of precise optical lenses and adjustable mounting brackets. ModuLux is user-friendly, easy to maintain, and control-ready.

Features & Benefits

1. Modular design offers maximum flexibility in applications
2. Various precise light distributions cater for extensive applications
3. Robust and durable housing design with external driver box
4. High light uniformity with low glare
5. Front-service module design makes it easier to maintain
6. -50° ~ $+140^{\circ}$ rotatable U-bracket design

Application

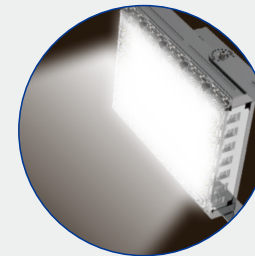


Rotatable U-bracket design

Ensure high flexibility while providing stable support

Front-service modular design

Make maintenance easier and more convenient

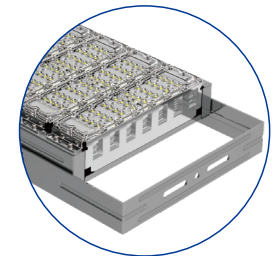


Superior lighting performance

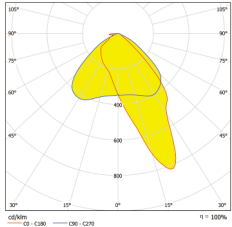
Up to 150lm/W, high light uniformity with low glare for a more eye-comfortable environment

Robust and durable

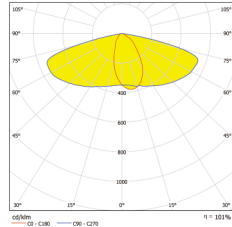
Ip66, IK08, durable and reliable from transportation to installation and usage



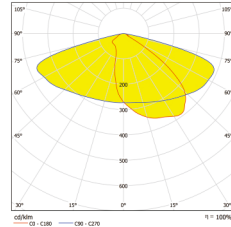
Light Distributions



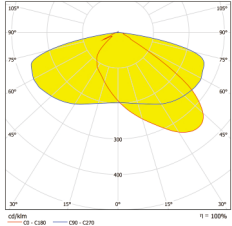
Type I (UNI-846)



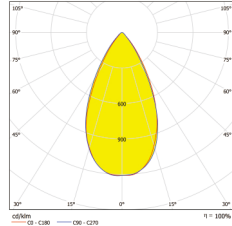
Type II (UNI-595)



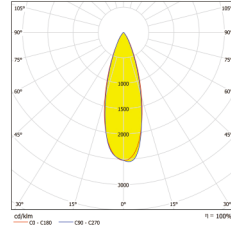
Type II (UNI-908)



Type III (UNI-596)

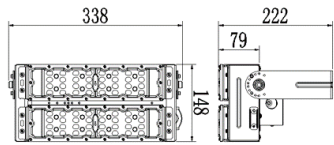


Type V (UNI-518)

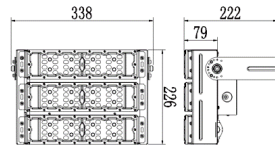


Type V (UNI-750)

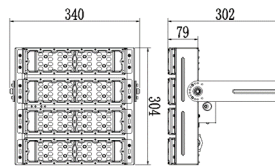
Dimensions



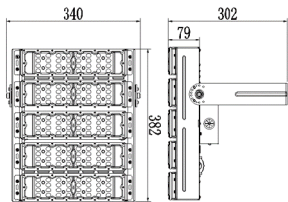
UNI-PR05-1/UNI-PR05-2



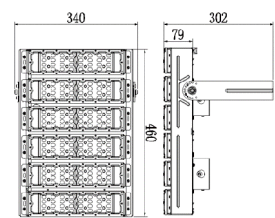
UNI-PR05-3



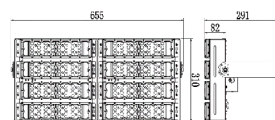
UNI-PR05-4



UNI-PR05-5

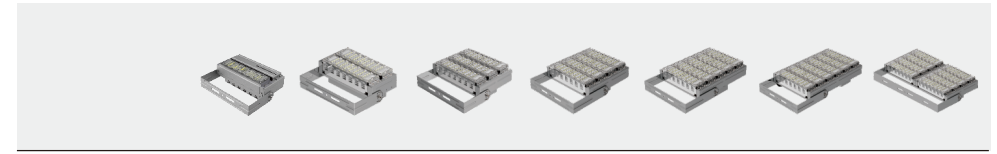


UNI-PR05-6



UNI-PR05-8

Parameters



Product Model	UNI-PR05-1	UNI-PR05-2	UNI-PR05-3	UNI-PR05-4	UNI-PR05-5	UNI-PR05-6	UNI-PR05-8
Input Voltage	AC100-277V 50/60HZ						
Rated Power (W)	40-60	80-120	150-200	220-240	300	360	480
Luminous Efficacy (lm/W)	Up to 150 lm/W @2300K 5050LED, Ta=25°C						
Luminous Flux (lm)	6000~9000	12000~18000	22500~30000	33000~36000	45000	54000	72000
CCT (K)	3000±300K/4000±300K/5000±300K/5700±500K/6500±500K						
Ra	> 70						
Housing Material	Aluminum alloy+ PC						
IP/IK	IP66/IK08						
Installation Height (m)	10-30						
Luminaire Dimension (mm)	338*148*222	338*226*222	340*304*302	340*382*302	340*460*302	655*310*291	
Packing Dimension (mm)	470*200*380	325*278*388	365*312*380	365*178*458	365*178*535	680*178*395	
Net Weight (kg)	3.4±0.2	4.2±0.2	6.0±0.2	7.7±0.2	8.5±0.2	13.1±0.2	
Gross Weight (kg)	11.2±0.2 (3 in 1)	9.4±0.2 (2 in 1)	13.5±0.2 (2 in 1)	8.9±0.2	9.5±0.2	14.2±0.2	

Note: The tolerance of Luminous Flux is ±7%



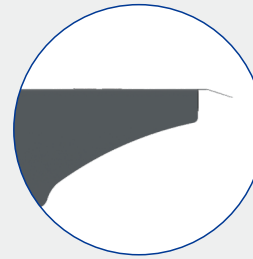
Ares Series

Ares Series are built to provide maximum control and flexibility for customers. With adjustable angles and added visors for superior glare control, they offer enhanced visibility and comfort. Lightweight and compact, the Ares Series is simple to install, while its robust, corrosion-resistant design guarantees durability in tough conditions. The flicker-free technology also ensures high-quality lighting, making it a reliable choice for professional-grade environments.

Features & Benefits

1. Additional visors for better glare control
2. Compact size and light weight
3. Light angle adjustment range: horizontal 0°~180° and vertical 0°~160°
4. Surface spray treatment, corrosion resistance capability is WF2
5. Die-casting aluminum housing, special oxidation and excellent thermal performance
6. Supporting HDTV broadcasting standard
7. Flicker free, high reliability

Application

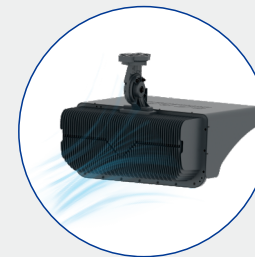
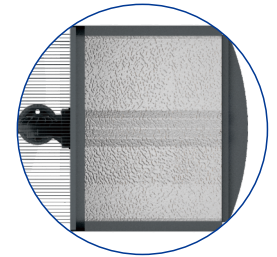


Visor Design

Controls glare, ensures comfortable lighting

Excellent Corrosion Resistance

Surface spray treatment with WF2-level corrosion resistance.



Optimized thermal design

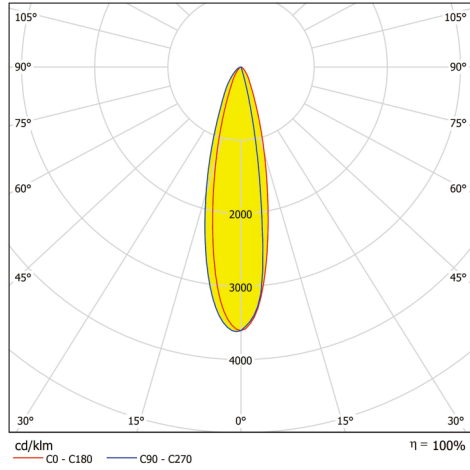
Efficient heat dissipation ensures long-lasting performance and reliability

Robust and durable

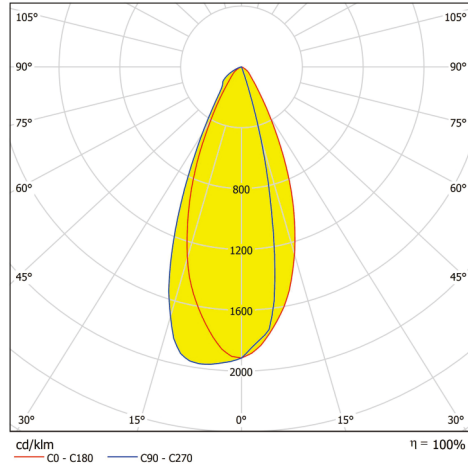
IP67, IK08, durable and reliable from transportation to installation and usage



Light Distributions

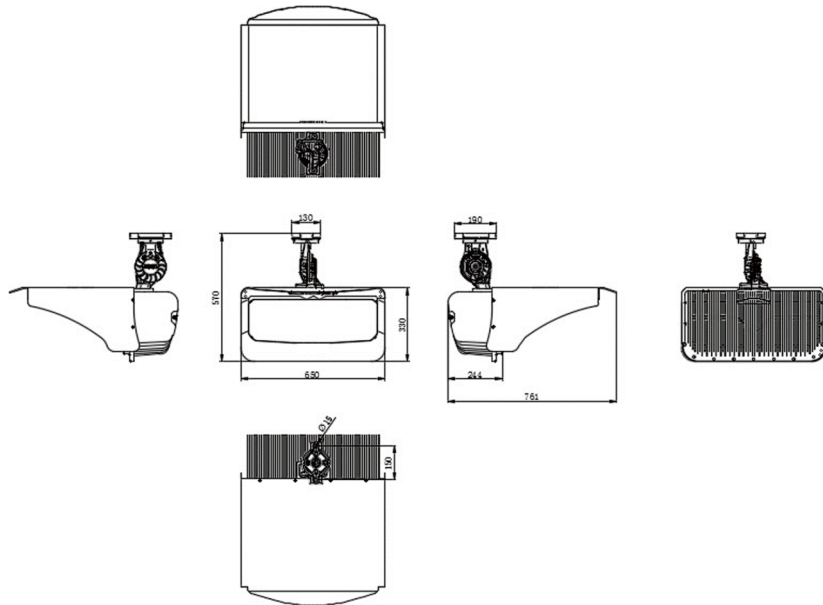


BDX-1500U 20°



BDX-1500U 40°

Dimensions



Parameters

Product Model	BDX-1000U	BDX-1200U	BDX-1500U
Input Voltage	AC100-240V 50/60Hz		
Rated Power (W)	1000	1200	1500
Luminous Efficacy (lm/W)	≥130 lm/W	≥130 lm/W	≥120 lm/W
Luminous Flux (lm)	130000	156000	180000
CCT (K)	5700K±200K (Customizable)		
CRI	Ra = 80 with R9 >0		
Working Temp.	-30°C~+50°C		
Working Humidity	10%~90% RH		
Housing Material	Cover and Bracket: Die-casting aluminum Body: Aluminum-AL1060		
Angle adjustment	Horizontal 0°~180° and vertical 0°~160°		
IP/IK	IP67/IK08		
Corrosion Resistance Capability	Wf2		
Dimming	DALI / DMX / 0-10V(Optional)		
Life Time (Hours)	140,000		
Warranty (years)	5		
Product Weight	28±1KG	31±1KG	31±1KG
Product Dimension (mm)	650*570*761mm (With Light-Cover and Universal Joint)		

Note: The tolerance of Luminous Flux is ±7%



Venus II Series (High Power)

Venus II Series (High Power) is designed with the user in mind, offering a range of features that enhance performance and durability. Its reflective aluminum visors optimize light output. The compact, lightweight design allows for easy installation and minimal maintenance. With a surface spray treatment that ensures corrosion resistance in harsh environments and surge protection up to 20KV, this series is built to handle tough conditions while delivering consistent, high-quality lighting.

Features & Benefits

1. Additional visors within reflective aluminum material
2. Beam angle options include 20°/40°/70°
3. Compact size and light weigh
4. Surface spray treatment, corrosion resistance capability is Wf2
5. Surge protection level: 10KV/20KV

Application



Stadium



Basketball Court



Golf Course



Tennis & Volleyball Court

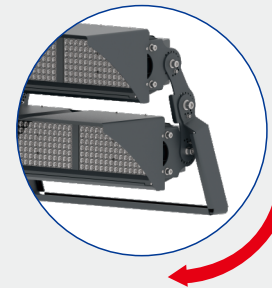
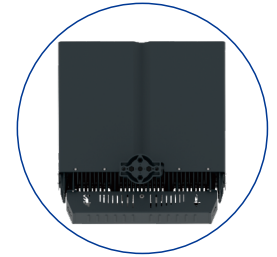


Optimized thermal design

Efficient heat dissipation ensures long-lasting performance and reliability

Robust and durable

IP67, IK08, durable and reliable from transportation to installation and usage



Rotatable U-bracket design

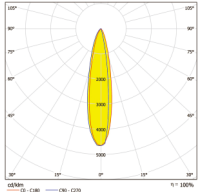
Ensure high flexibility while providing stable support

Available visor for better glare control

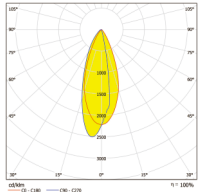
Effectively suppress glare and scattered light for a more eye comfortable environment



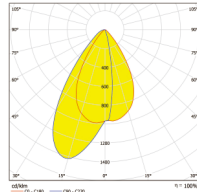
Light Distributions



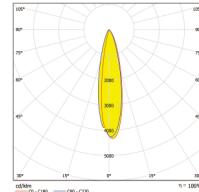
LK-500B 20°



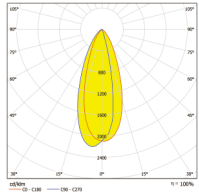
LK-500B 40°



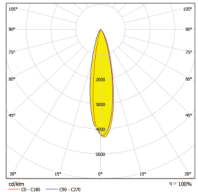
LK-500B 70°



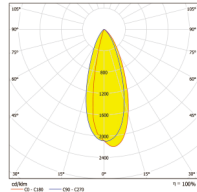
LK-1000B 20°



LK-1000B 40°

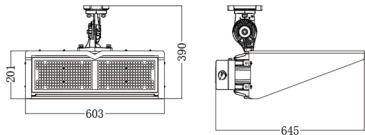


LK-1500B 20°

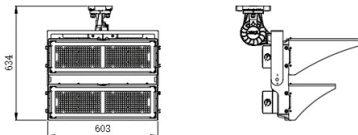
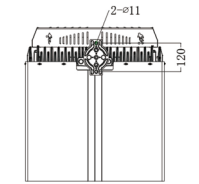


LK-1500B 40°

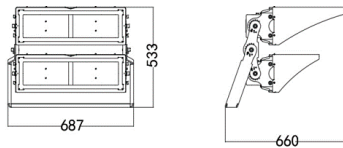
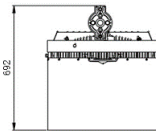
Dimensions



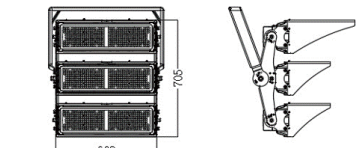
LK-400B / LK-500B / LK-600B



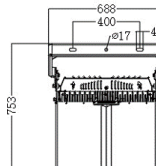
LK-800B / LK-1000B / LK-1200B
(Universal Joint)



LK-800B / LK-1000B / LK-1200B
(U-Shape Bracket)



LK-1500B / LK-1800B



Parameters

Product Model	LK-500B	LK-600B	LK-1000B	LK-1200B	LK-1500B
Power (W)	500	600	1000	1200	1500
LED Quantity	192(20°)/384(40°)		384	384	576
Luminous Flux (lm)	65000	97500	130000	156000	195000
Luminaire Efficiency (lm/W)	150~160				
Power Factor	≥0.95				
Input Voltage	AC100-277V 50/60Hz				
CCT (K)	3000±300K / 4000±300K / 5000±300K / 5700K±500K				
CRI	Ra ≥ 80				
Beam Angle Options	20° / 40° / 70°				
Working Temperature	-30°C ~ +50°C				
Housing Materials	Die-casting aluminum, Visor: Pure aluminum, Bracket: Die-casting aluminum				
Protection Grade	IP67 / IK08				
Dimming	DALI / DMX / 0-10V (Optional)				
Surge protection	10KV/20KV				
Life Time (H)	100,000H @L70				
Product weight (kg)	19	19	36	36	51
Product Dimension (mm)	603×645×390	603×645×390	603×692×634	603×692×634	603×753×705

Note: The tolerance of Luminous Flux is ±7%



Venus II Series (Low Power)

Venus II Series (Low Power) brings efficient, durable lighting in a compact, lightweight design. With an impressive efficacy of up to 160 lm/W, it provides powerful brightness while remaining energy-efficient. Built to withstand harsh conditions, it includes WF2-level corrosion resistance and robust surge protection (10KV/20KV), ensuring reliability in challenging environments. The reflective visors reduce glare, creating comfortable, focused lighting that enhances visibility without discomfort.

Features & Benefits

1. Additional visors within reflective aluminum material
2. Surface spray treatment, corrosion resistance capability is Wf2
3. Compact size and light weight
4. Luminaire efficacy is up to 160 lm/W
5. Surge protection level: 10KV/20KV

Application



Stadium



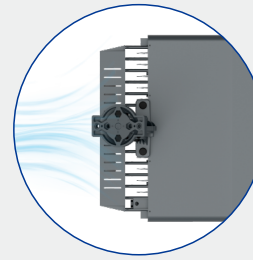
Basketball Court



Golf Course



Tennis & Volleyball Court

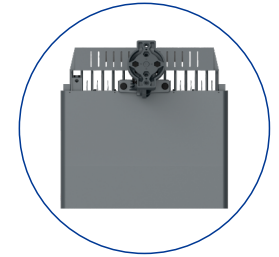


Optimized thermal design

Efficient heat dissipation ensures long-lasting performance and reliability

Robust and durable

IP67, IK08, durable and reliable from transportation to installation and usage



Universal Joint Design

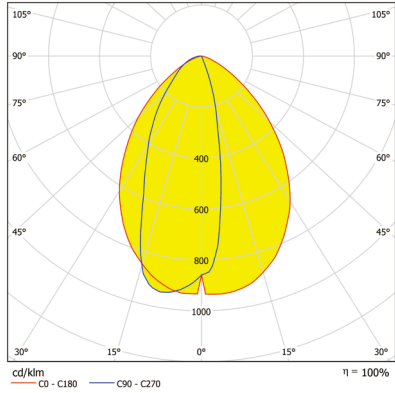
Provides flexible direction control, ensuring adaptable lighting solutions

Available visor for better glare control

Effectively suppress glare and scattered light for a more eye comfortable environment

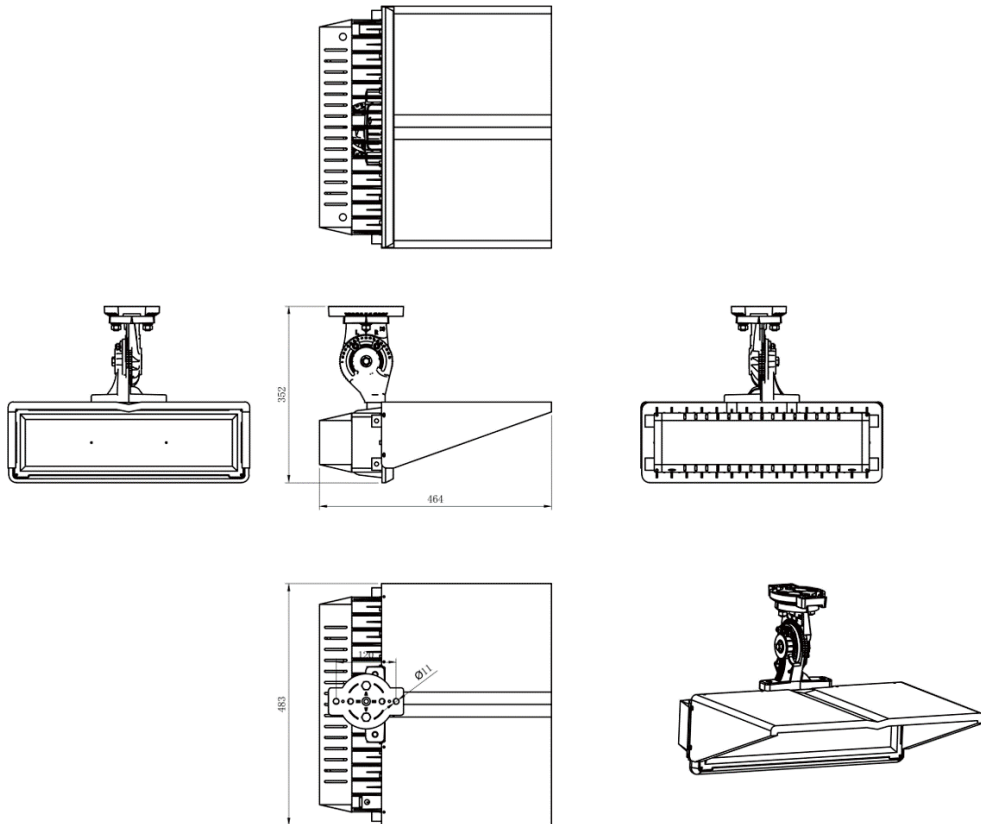


Light Distributions



LK-300B 40x100°

Dimensions



Parameters

Product Model	LK-200B	LK-300B
Power (W)	200	300
LED Quantity	192	192
Luminous Flux (lm)	30000	45000
Luminaire Efficiency (lm/W)	130	
Power Factor	≥0.95	
Input Voltage	AC100-277V 50/60Hz	
CCT (K)	3000±300K / 4000±300K / 5000±300K / 5700K±500K	
CRI	Ra ≥ 80	
Beam Angle	100×40°	
Working Temperature	-30°C ~ +50°C	
Housing Materials	Die-casting aluminum, Visor: Pure aluminum, Bracket: Die-casting aluminum	
Protection Grade	IP67 / IK08	
Dimming	DALI / DMX / 0-10V (Optional)	
Surge protection	10KV/20KV	
Life Time (H)	100,000H @L70	
Product weight (kg)	9.5±1	
Product Dimension (mm)	483×352×464	

Note: The tolerance of Luminous Flux is ±7%



Unicorn Series

Unicorn series LED floodlight is an innovative and versatile LED high mast area lighting solution designed for sports and multi-purpose venues. With optical flexibility and modular design, Unicorn enables various combinations of optics including the possibility to tilt each single LED module to produce the optimal lighting performance and reduce wind resistance. Constructed from die-casting aluminum, Unicorn is robust, safe, and enduring to withstand harsh environments.

Features & Benefits

1. Heavy duty robust design ensures durability and security
2. Quick-adjustable modular design in $\pm 30^\circ$
3. Tool-free replacement of LED modules realizes fast maintenance
4. Optional visor for less light pollution
5. $10^\circ/25^\circ/45^\circ/60^\circ/90^\circ/130^\circ \times 30^\circ \times 60^\circ$ beam angle options
6. Reliable U-bracket realizes 180° rotatable, easy installation
7. 10/20KV surge protection device optional

Application



Stadium



Basketball Court



Golf Course



Tennis & Volleyball Court

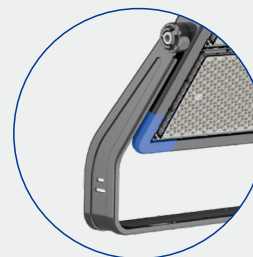
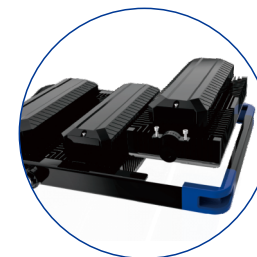


Super high flexibility

Each single module can be adjusted $\pm 30^\circ$

Innovative modular design

Easily achieve tool-free installation and replacement of modules



Rotatable U-bracket design

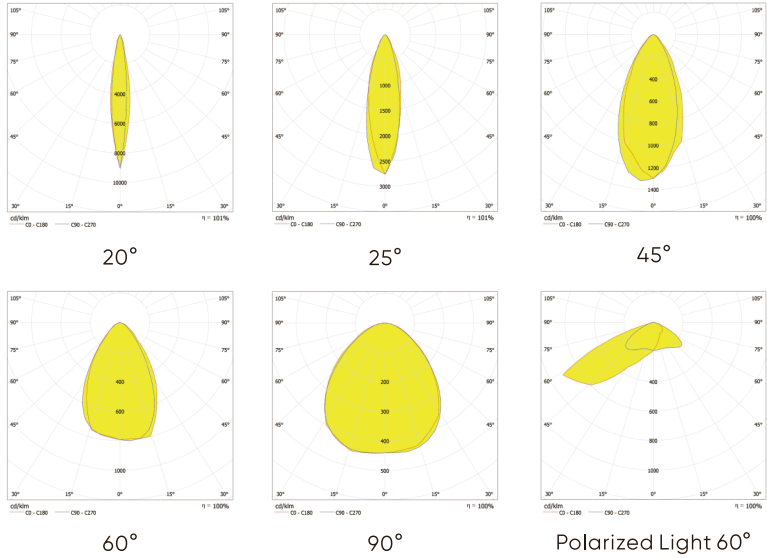
Provide high flexibility while providing stable support

Robust and durable

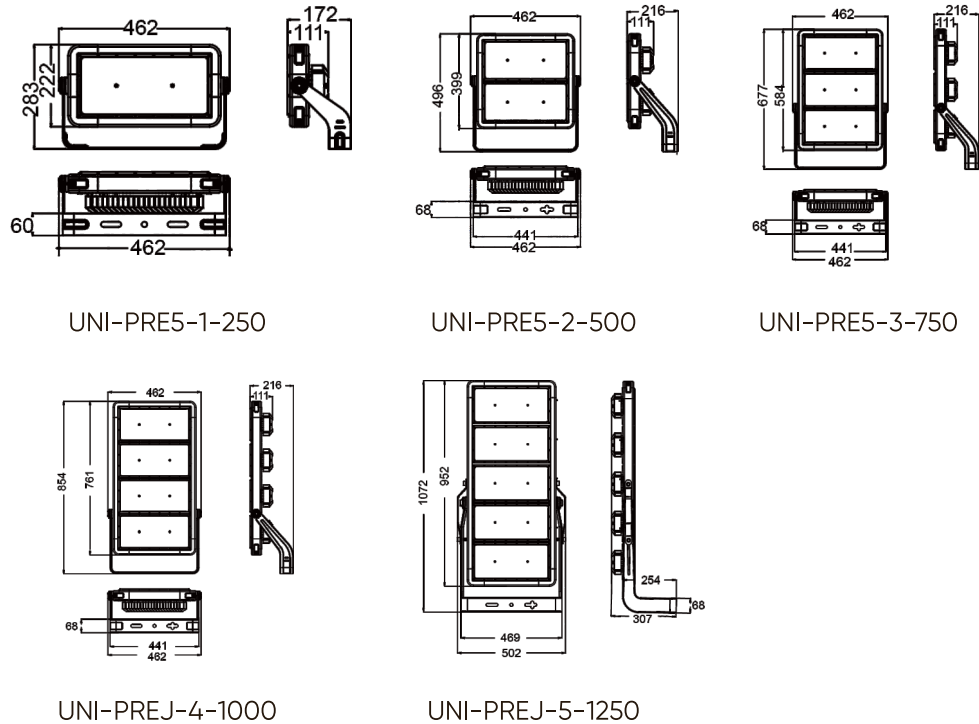
Heavy duty robust design ensures durability and security



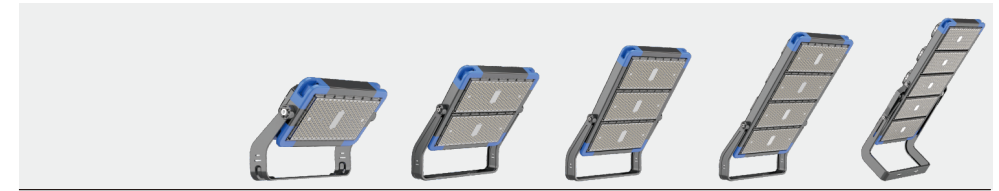
Light Distributions



Dimensions



Parameters



Product Model	UNI-PRE5-1-250	UNI-PRE5-2-500	UNI-PRE5-3-750	UNI-PRE5-4-1000	UNI-PRE5-5-1250
Input Voltage	AC100-240V 50/60Hz				
Rated Power (W)	250	500	750	1000	1250
Luminous Efficacy (lm/W)	130 (MAX:140)				
Luminous Flux (lm)	32500	65000	97500	130000	162500
CCT (K)	3000±300 / 4000±300 / 5000±300 / 5700±500 / 6500±500				
Color Rendering Index	70 / 80				
Beam Angle	10° / 25° / 45° / 60° / 90° / polarized light 60°				
Housing Materials	Die casting aluminum				
IP Rating	IP66				
Luminaire Dimension (mm)	222*462*111	399*462*111	584*462*111	761*462*111	952*502*111
Packing Dimension (mm)	543*422*180	613*536*175	663*536*225	853*536*225	1073*536*335
Net Weight (kg)	8.35	15.6	21.5	27.3	36.0
Gross Weight (kg)	9.0	16.6	22.8	28.8	37.5

Note: The tolerance of Luminous Flux is ±7%



Hera II Series

Hera II Series offers high-quality sports lighting with a CRI over 80 for vibrant, true colors and HDTV broadcast readiness. Built to last, it features efficient heat dissipation, corrosion-resistant coating, and flexible angle adjustments. With 4mm anti-glare tempered glass and aluminum anti-glare design, Hera II ensures clear, comfortable, and focused illumination in any setting.

Features & Benefits

1. CRI > 80, satisfy all kinds of sports lighting level
2. Integrated aluminum radiator, efficient heat dissipation
3. Wf2, surface powder coating treatment, corrosion-resistant, acid and alkali resistant
4. Light angle adjustment range: horizontal 0°~180° and vertical 0°~160°
5. Supporting HDTV broadcasting standard
6. 4mm thickness AG anti-glare tempered glass
7. Anti-glare device in pure aluminum molding

Application



Stadium



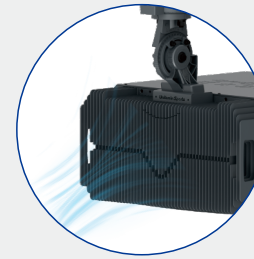
Basketball Court



Golf Course



Tennis & Volleyball Court

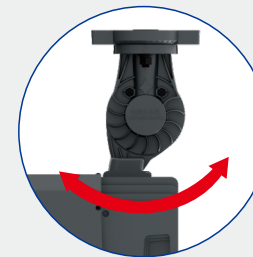
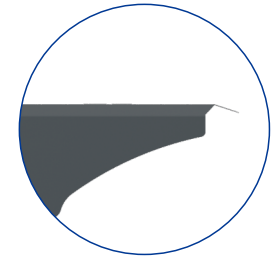


Optimized thermal design

Efficient heat dissipation ensures long-lasting performance and reliability

Available visor for better glare control

Effectively suppress glare and scattered light for a more eye-comfortable environment

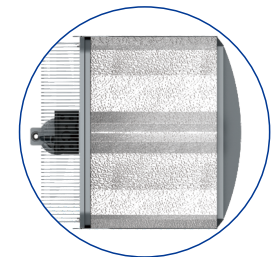


Universal Joint Design

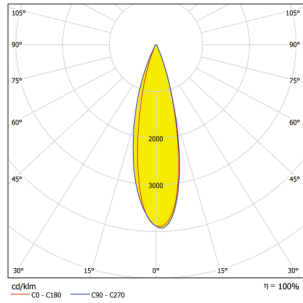
Provides flexible direction control, ensuring adaptable lighting solutions

Robust and durable

Aluminum alloy housing with surface powder coating treatment
Corrosion resistance capability is WF2

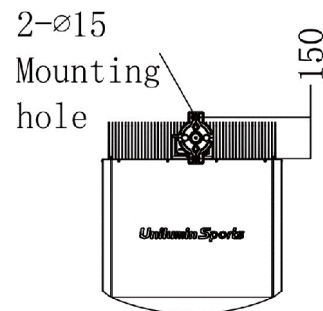
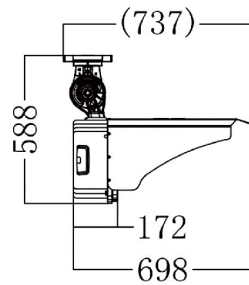
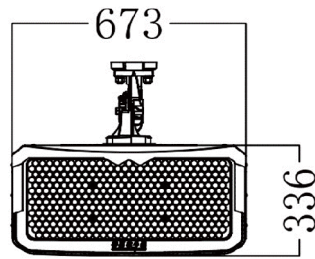
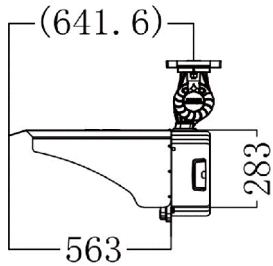
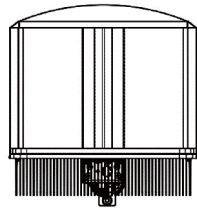


Light Distributions



LK-1500U 30°

Dimensions



Parameters

Product Model	LK-1000U	LK-1200U	LK-1500U
Power (W)	1000	1200	1500
Luminous Flux (lm)	130000	156000	195000
Luminous Efficacy (lm/W)	≥130		
Power Factor	≥0.97		
Input Voltage	AC100-240V 50/60Hz		
CCT (K)	5700K±200K (Customizable)		
CRI	Ra = 80 with R9 >0		
Working Temp.	-30°C ~ +50°C		
Housing Materials	6063-T5 Aluminum Alloy		
Angle adjustment	Horizontal 0°~180° and vertical 0°~160°		
IP / IK	IP67/IK08		
Dimming	DALI / DMX / 0-10V (Optional)		
Life Time (H)	100,000		
Warranty (year)	10		
Product Weight (kg)	28±1KG		
Product Dimension (mm)	673×737×588mm (With Light-Cover and Universal Joint)		

Note: The tolerance of Luminous Flux is ±7%



Bigeye Series

Bigeye Series LED sports lights deliver maintenance-free, high-quality lighting for sports and recreational fields and other large outdoor spaces. Bigeye LED luminaires provide bright, uniform light with precise beam angles that optimize safety and visibility for athletes and spectators. Delivering high efficacy up to 130lm/W, the series is available in four wattage options ranging from 400W to 1000W.

Features & Benefits

1. Heavy duty robust design ensures durability and security
2. Quick adjustable modular design enhances the flexibility of applications
3. Wide wattage coverage from 400W to 1000W
4. Optional light shield reduces light pollution
5. 10° / 25° / 45° / 60° / 90° beam angle options
6. High efficacy up to 140~150lm/W produces sufficient lumen output
7. Die-cast U bracket improves overall reliability
8. 10/20KV surge protection device optional

Application



Stadium



Basketball
Court



Golf
Course



Tennis &
Volleyball Court

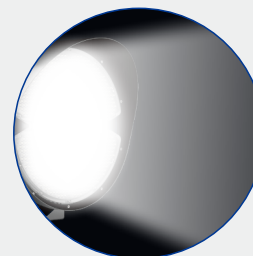
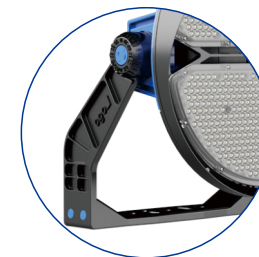


Heavy duty robust design

Durable and reliable from transportation to installation and usage

Rotatable U-bracket design

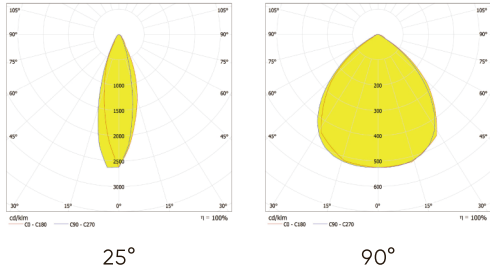
Ensure high flexibility while providing stable support



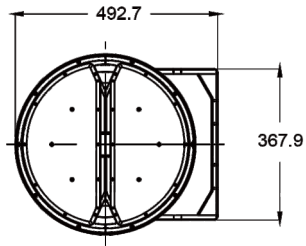
Superior lighting performance

Up to 150lm/W, compatible with visor for high light uniformity with low glare for a more eye-comfortable environment

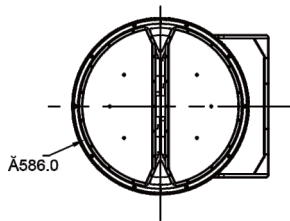
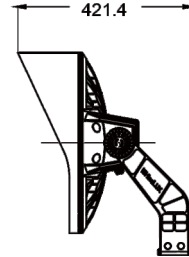
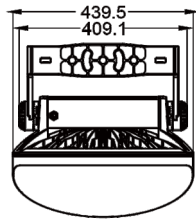
Light Distributions



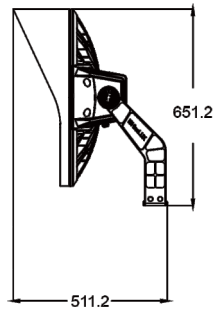
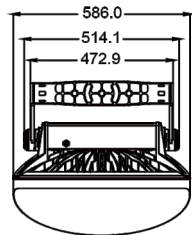
Dimensions



UNI-PRE6-1-400 / 500



UNI-PRE6-1-800 / 1000



Parameters



Product Model	UNI-PRE6-1-200	UNI-PRE6-1-400	UNI-PRE6-1-500	UNI-PRE6-1-800	UNI-PRE6-1-1000
Input Voltage	AC100-240V 50/60Hz				
Rated Power (W)	200	400	500	800	1000
Luminaire Efficiency (lm/W)	130(MAX:150)				
Luminous Flux (lm)	26000	52000	65000	104000	130000
CCT (K)	3000±300K / 4000±300K / 5000±300K / 5700K±500K / 6500K±500K				
Color Rendering Index	70 / 80				
Beam Angle	10° / 25° / 45° / 60° / 90°				
Housing Material	Die casting aluminum				
IP Rating	IP66				
Luminaire Dimension (mm)	Φ492.7	Φ492.7	Φ492.7	Φ586	Φ586
Packing Dimension (mm)	550*500*500	550*500*500	550*500*500	700*650*600	700*650*600
Net Weight (kg)	15.0	15.0	15.0	27.5	27.5
Gross Weight (kg)	16.0	16.0	16.0	29.0	29.0

Note: The tolerance of Luminous Flux is ±7%