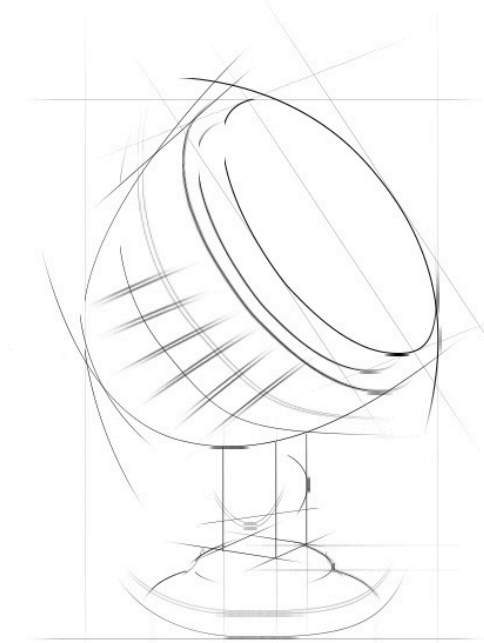
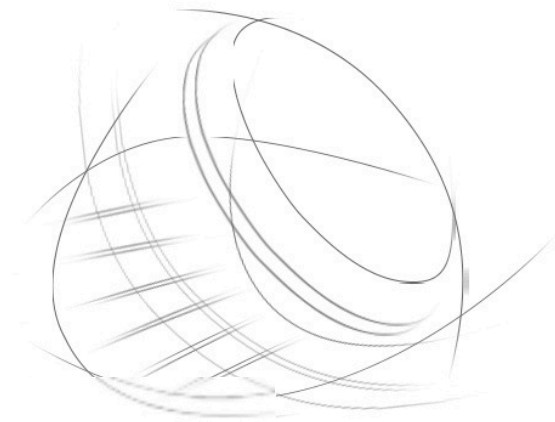
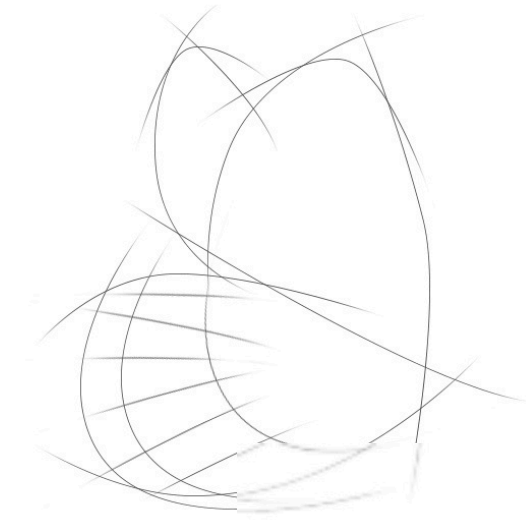
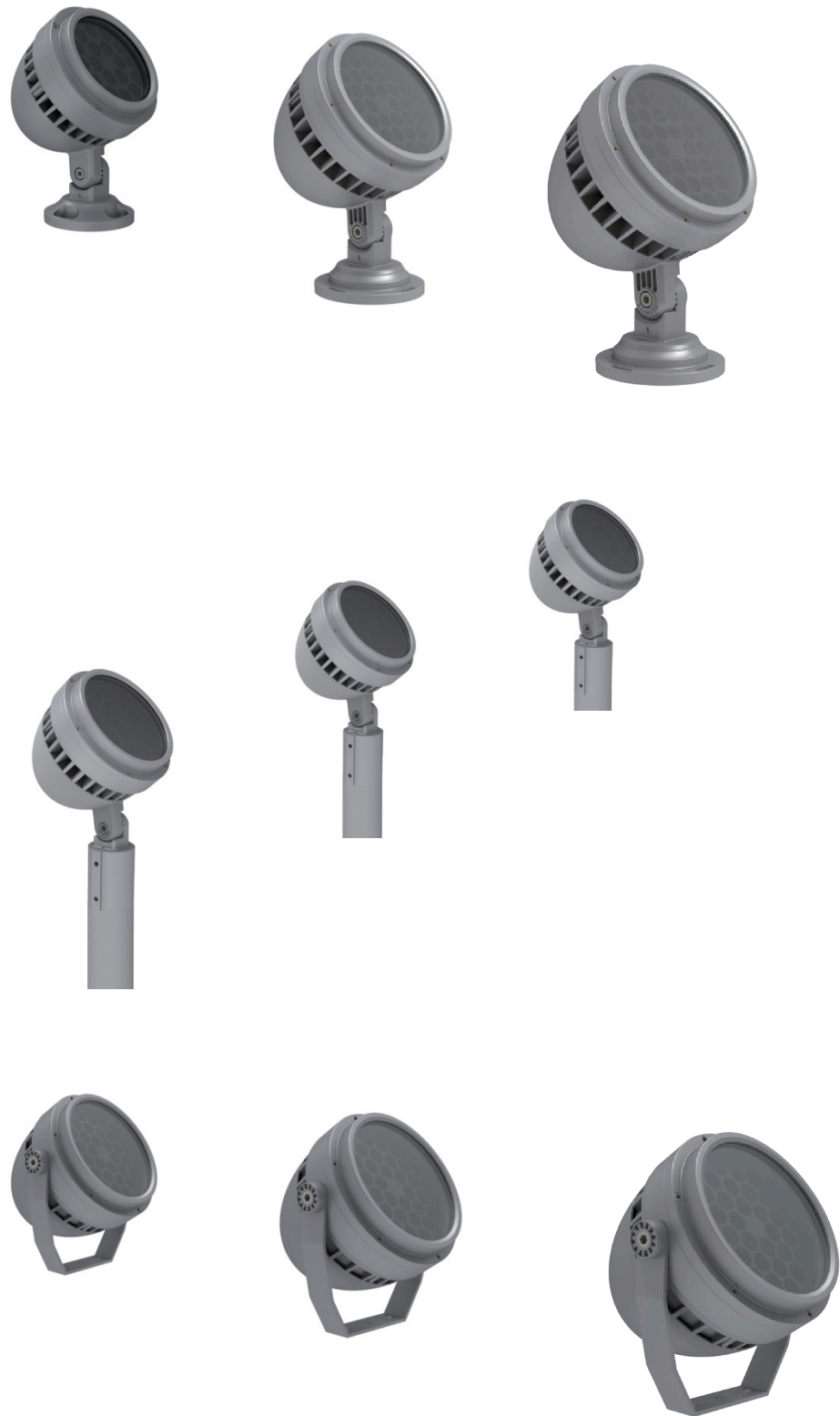




Butterfly





RD-F01

Operates on a wide AC100–277V input for stable performance.
 Offers anti-glare grids and optical glass options for refined lighting effects.
 Separate light source and driver design ensures easy installation and maintenance.
 Uses DMX512 control for precise and dynamic lighting management.
 Built with high-quality LED chips from top international brands for high brightness, long life, and efficiency.
 Constructed from high-strength ADC12 die-cast aluminum with a tempered glass cover for durability and impact resistance.
 Available in multiple beam angles and colors, with 304 stainless steel fasteners for lasting corrosion resistance.





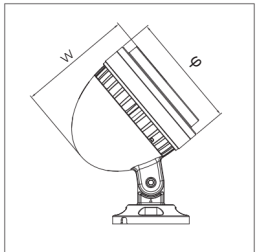
Suitable for a wide range of outdoor lighting applications



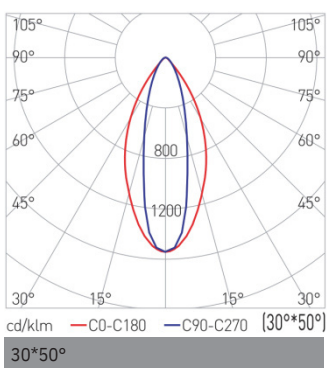
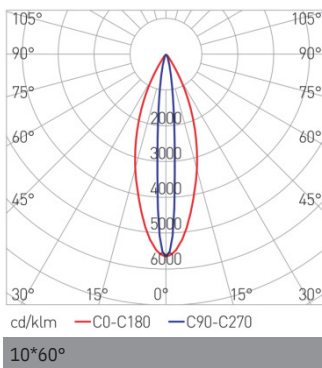
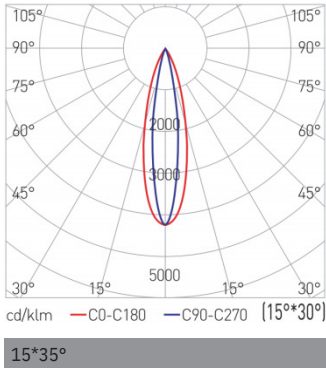
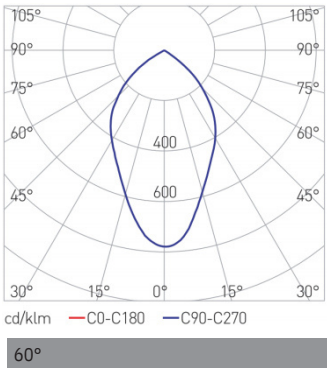
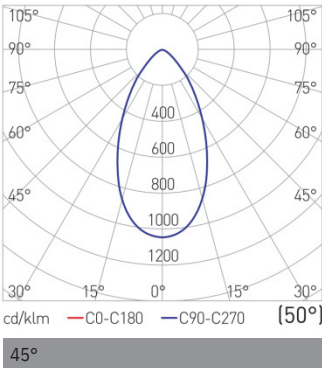
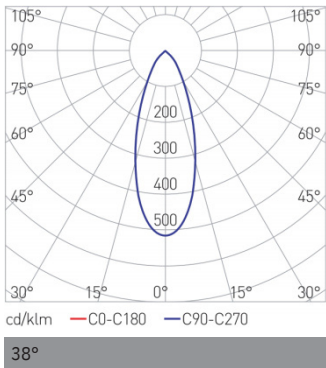
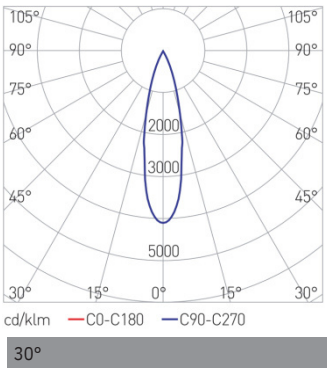
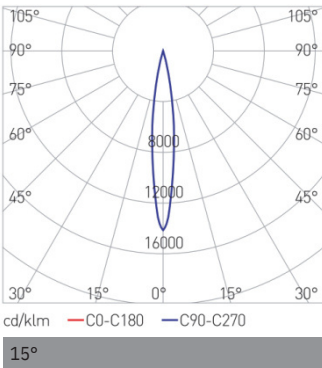
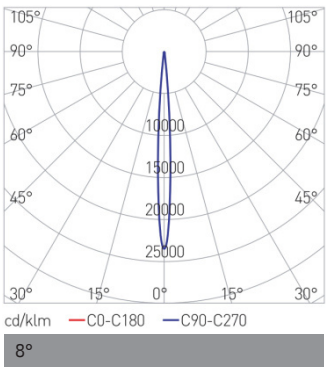
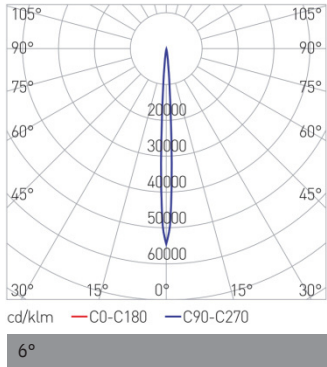
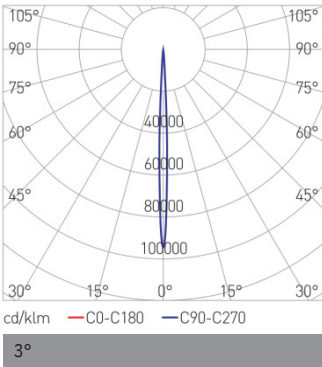
Technical Parameters

● 01 ● 02 ● 03

Model	RD-	LED	Rated Power	Input Voltage	Color Temperature	LED	Operating Temperature	Beam Angle
F01.036		18PCS 36W	120LM/W	AC90~305V	3000~6500K	>50000H	-40~60°	3°~30°50°
RD-F01.060		36PCS 60W	120LM/W	AC90~305V	3000~6500K	>50000H	-40~60°	3°~30°50° AC90~305V
RD-F01.120		54PCS 120W	120LM/W	3000~6500K	>50000H	-40~60°	3°~30°50°	



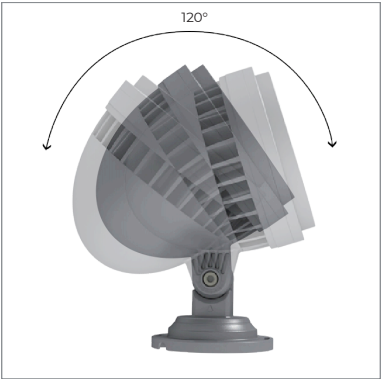
Model	RD-	Diameter	Width (W)
F01.036		130	129
RD-F01.060		180	176
RD-F01.120		240	235



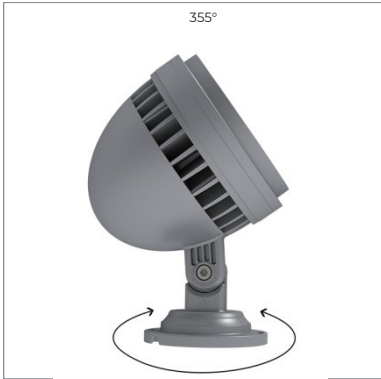
Product Exploded
View



Features two rotation modes — the Bee & Butterfly series allows either individual lamp rotation or full-group rotation, providing flexible lighting control to suit various installation needs.



Vertical
Rotation



Horizontal
Rotation

The housing is provided with an indicator for reading out the projection angle of the light on the rotating dial to accurately adjust the lighting angle of the lamp;



It absorbs and blocks the extra stray light, can effectively control the residual light, and makes up for the defect of anti-glare of the existing flood light, and improves the quality of the flood light.



Open cooling structure to avoid dust;

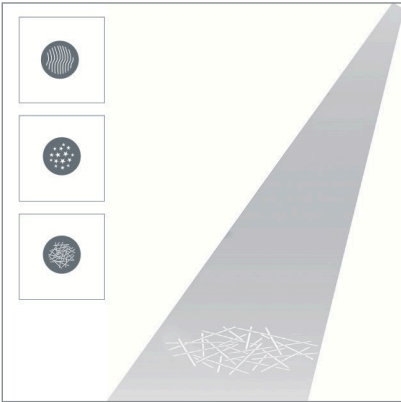
Photoelectric separation design, make the power and light source heat complementary and interfere with each other, and extend the life of the entire lamp; The dual-cavity structure design of the power module and the light source module makes it easy to replace without affecting the sealing performance.



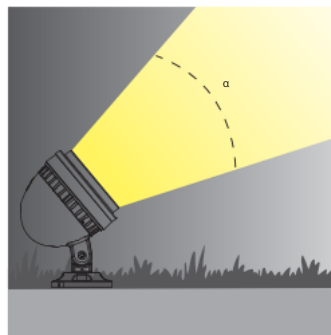
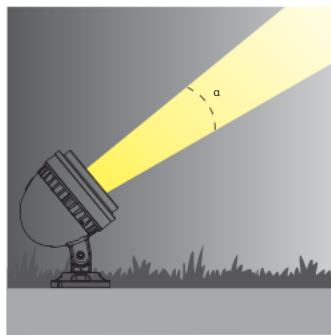
The fixture is fully protected against dust and can withstand powerful water jets or strong wave impacts without any adverse effect on performance



Constructed from high-strength die-cast aluminum for superior impact resistance and wear durability.



Offers multiple lens pattern options to project visuals that complement and enhance the ambient environment.



$\alpha: 6^\circ$



$\alpha: 60^\circ$



01



02



03

A variety of beam angles and light colors of the bee butterfly series flood lights are available to meet customers' different choices.



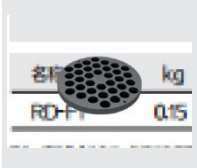


A variety of beam angles and light colors of the bee butterfly series flood lights are available to meet customers' different choices.



Model	kg
RD-B	0.03

YZ1
Designed to work with floodlights to minimize light spill, enhance beam concentration, and achieve greater projection distance with a stronger visual impact.



Model	kg
RD-F1	0.15

Designed to absorb and block unwanted stray light, this accessory delivers outstanding anti-glare performance, compensating for the shortcomings of traditional floodlights and significantly improving lighting quality.



Model	kg
RD-YZJ1	0.68

Round Mounting Bracket



Model	kg
RD-BG1	0.52

The clamp is a fastening component designed to secure one object around another, providing stable and reliable connection support.



Model	kg
RD-B	0.45

YZ2
Designed for use with floodlights to reduce light scatter, enhance beam focus, and deliver stronger, farther-reaching illumination.



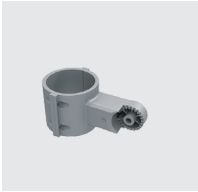
Model	kg
RD-F2	0.32

Effectively absorbs and blocks excess stray light, delivering superior anti-glare performance. This improvement addresses the glare issues found in traditional floodlights and significantly elevates the overall lighting quality.



Model	kg
RD-YZJ2	1.30

Round Mounting Bracket



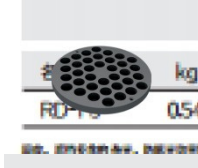
Model	kg
RD-BG2	0.72

The clamp is a type of connector that secures one object around another, ensuring firm attachment. It belongs to the category of fasteners.



Model	kg
RD-B	0.61

YZ3
Works with floodlights to reduce light diffusion, enhance beam focus, and achieve powerful, long-distance illumination.



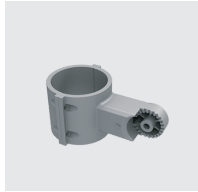
Model	kg
RD-F3	0.54

Designed to absorb and block unwanted stray light, it offers superior anti-glare performance, resolving the glare issues of conventional floodlights and enhancing both lighting quality and visual experience.



Model	kg
RD-YZJ3	1.76

Round Mounting Bracket

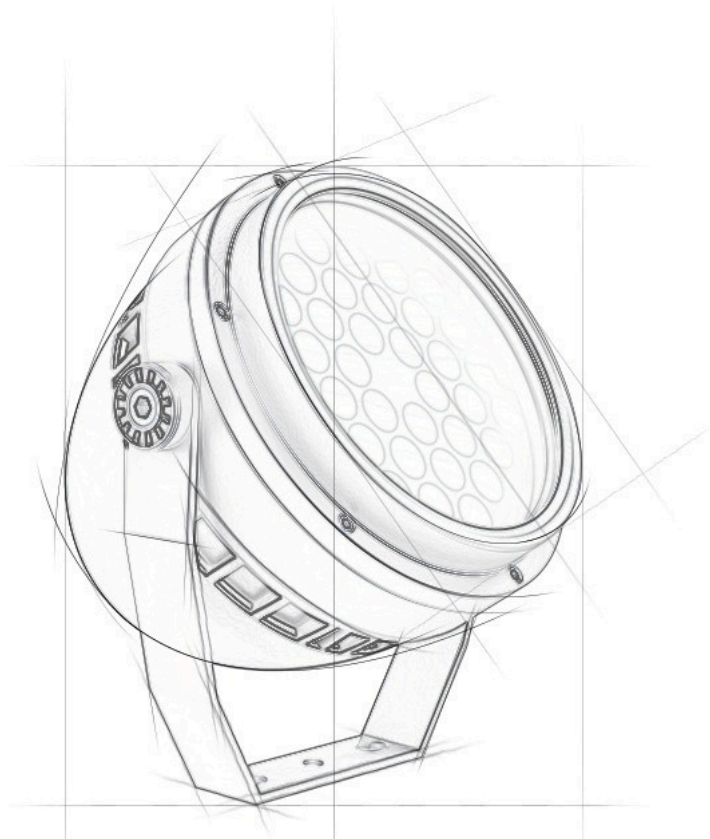


Model	kg
RD-BG3	0.96

The clamp is a fastening connector designed to secure one object around another, ensuring stability and reliable installation.

Note: Available in three sizes, each with matching accessories labeled as 1, 2, and 3. Models include: RD-B (half-shade cover), RD-F (anti-glare cover), RD-YZJ (round mounting bracket), and RD-BG (clamp).

Model codes can be customized as required, such as RD-F01.036-B1/F1/BG1.



RD-F02



Integrates the functions of a lawn light and tree spotlight in one fixture. Operates on AC100–277V wide-voltage input for stable performance. Offers anti-glare grids and optical glass options to meet diverse lighting needs. Separate light source and driver design for easy installation and maintenance. Equipped with premium LED chips from top international brands for high brightness, efficiency, and long lifespan. Constructed from ADC12 high-strength die-cast aluminum with a tempered glass cover for durability and impact resistance. Available in multiple beam angles and colors, with 304 stainless steel fasteners for superior corrosion protection.



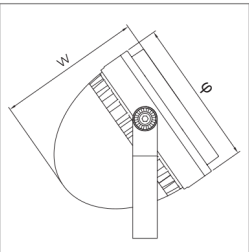
Ideal for use in all kinds of outdoor lighting settings.



Technical Parameters

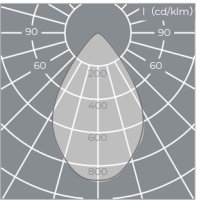
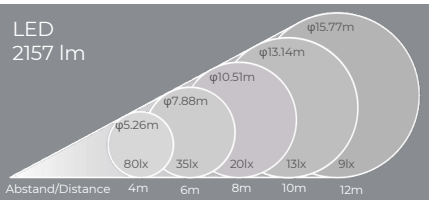
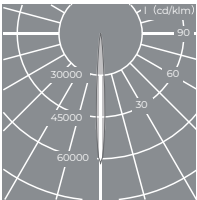
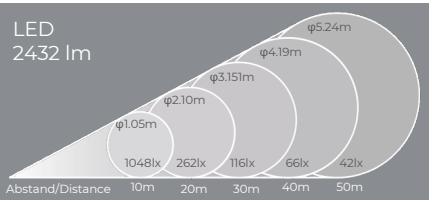
01 02 03

Model	LED		Input Voltage	Color		LED	
				Temperature			
RD-F03.036	18PCS 36W	120LM/W	AC90~305V	3000~6500K	>50000H	-40~60°	3°~30°50°
RD-F03.060	36PCS 60W	120LM/W	AC90~305V	3000~6500K	>50000H	-40~60°	3°~30°50° AC90~305V
RD-F03.120	54PCS 120W	120LM/W	3000~6500K	>50000H	-40~60°	3°~30°50°	

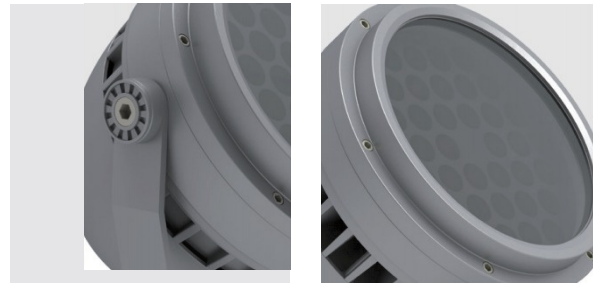


Model	RD-	Diameter	Width (W)
F03.036		130	129
RD-F03.060		180	176
RD-F03.120		240	235

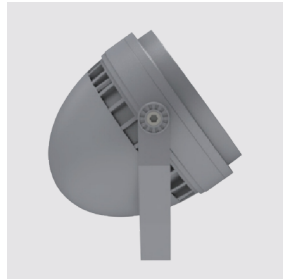
Light Distribution Curve



The housing is provided with an indicator for reading out the projection angle of the light on the rotating dial to accurately adjust the lighting angle of the lamp;



It absorbs and blocks the extra stray light, can effectively control the residual light, and makes up for the defect of anti-glare of the existing flood light, and improves the quality of the flood light.



Open cooling structure to avoid dust;

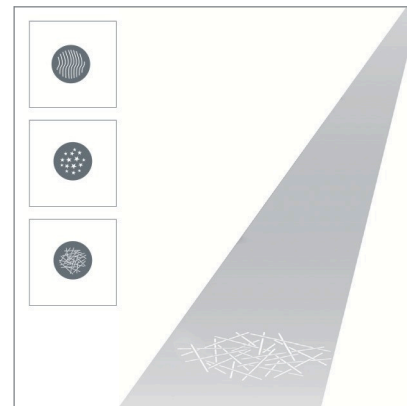
Photoelectric separation design, make the power and light source heat complementary and interfere with each other, and extend the life of the entire lamp; The dual-cavity structure design of the power module and the light source module makes it easy to replace without affecting the sealing performance.



The fixture is fully protected against dust and can withstand powerful water jets or heavy wave impact without any adverse effect on performance or safety.



Constructed from high-strength die-cast aluminum for superior impact resistance and wear durability.



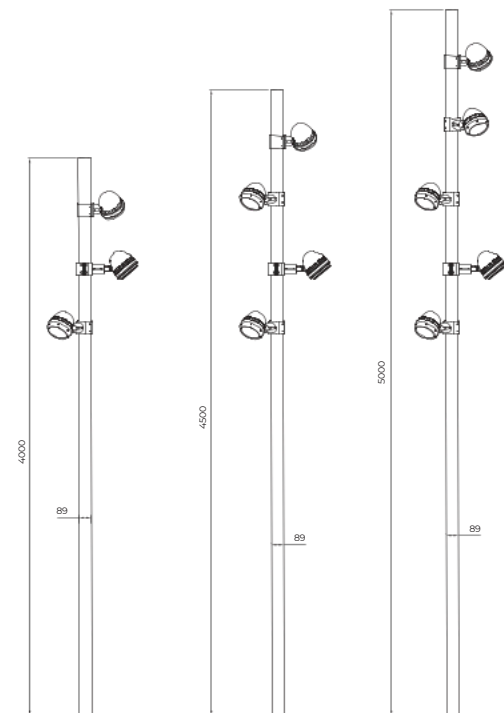
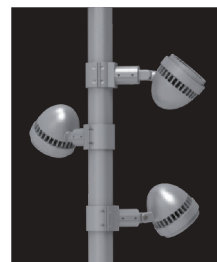
Offers multiple lens pattern options to project visuals that complement and blend seamlessly with the surrounding environment.



A variety of beam angles and light colors of the bee butterfly series flood lights are available to meet customers' different choices.



Product Pole-Mount Diagram



System Components



Multi-Head Bracket for Two Floodlights



Single Flange Clamp



Double Flange Clamp



Multi-Head Bracket for Three Floodlights



Lamp Arm for One Floodlight (Single-Sided Installation)



Lamp Arm for One Floodlight (Dual-Sided Installation)



Lamp Arm for Two Floodlights (Single-Sided Installation)



Lamp Arm for Two Floodlights (Dual-Sided Installation)

Flange Clamps and Brackets

The flange clamp allows easy installation of one or two floodlights on lamp poles with excellent stability and durability.

The multi-head wall-mount bracket supports two or three floodlights, offering reliable mounting and flexible adjustment for diverse lighting needs.



Double-Head Flange Clamp



Single-Head Flange Clamp



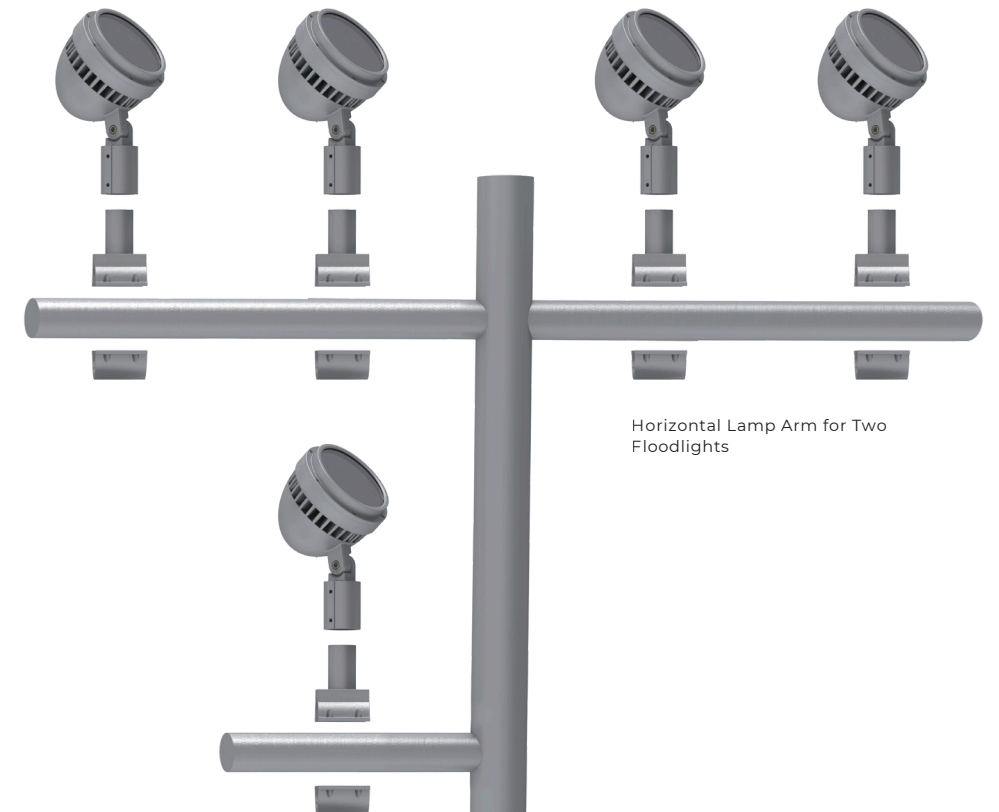
Multi-Head Wall-Mount Bracket

Floodlights (medium, small, and compact housings) can only be installed on the upper part of the lamp arm (for single-arm fixtures, a maximum of one floodlight may be mounted; for double-arm fixtures, a maximum of two floodlights may be mounted). In addition, when installed inside a dedicated enclosure near the pole, only one medium-sized Bee & Butterfly series floodlight may be mounted on a double-arm fixture.

To ensure correct installation, always refer to the installation manuals of both the product and the pole. For different applications, the maximum number of floodlights allowed on the pole depends on installation conditions such as wind load, ground type, and mounting structure.

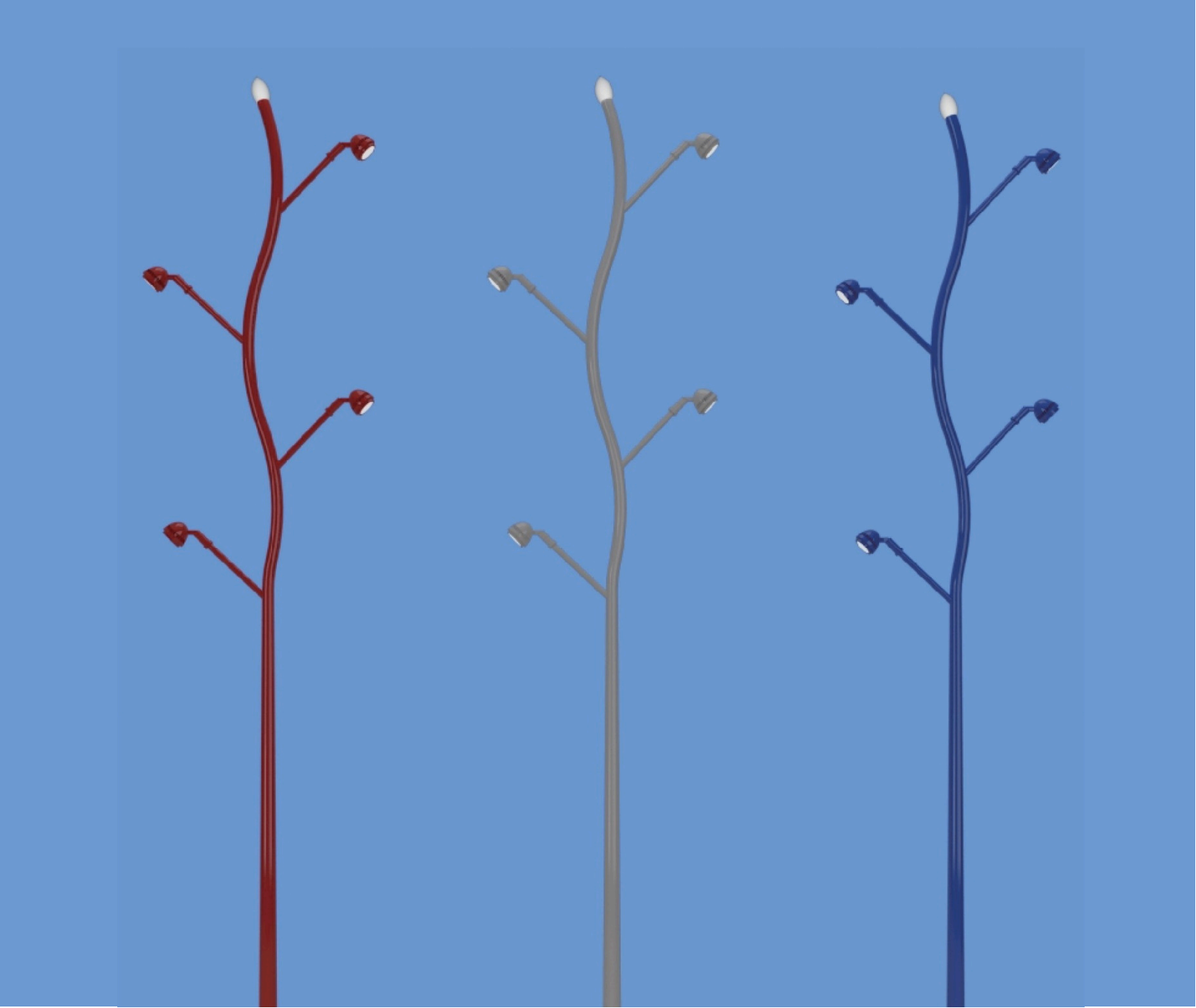
Reddy can provide stability calculations for all installation conditions upon request.

Horizontal Lamp Arm

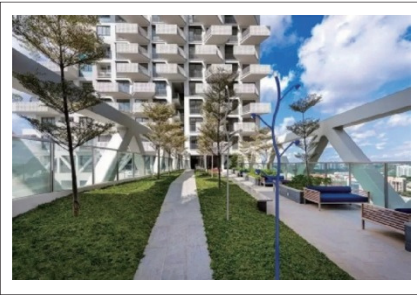
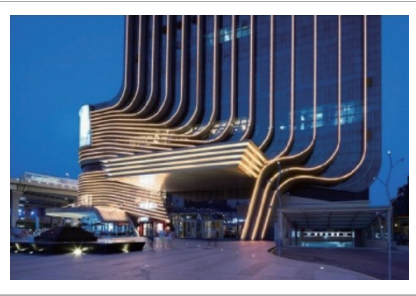
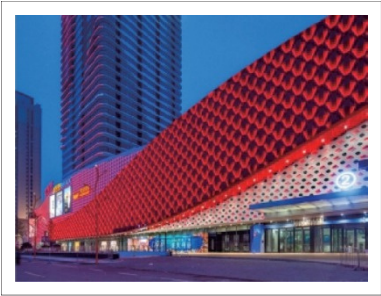


Horizontal Lamp Arm for Two Floodlights

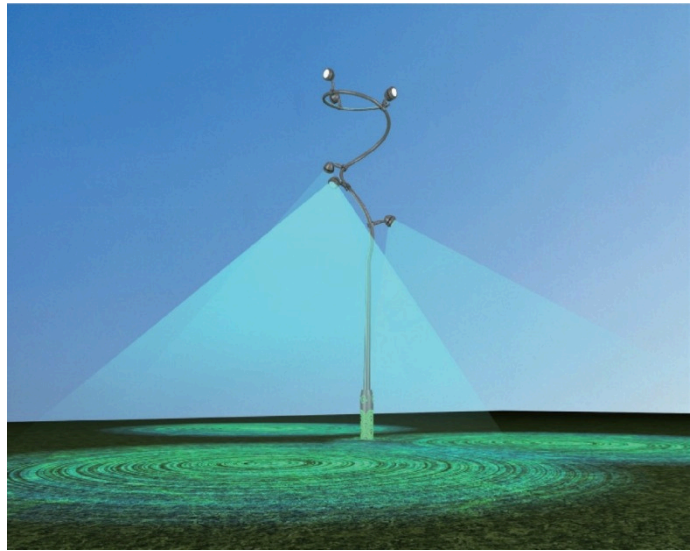
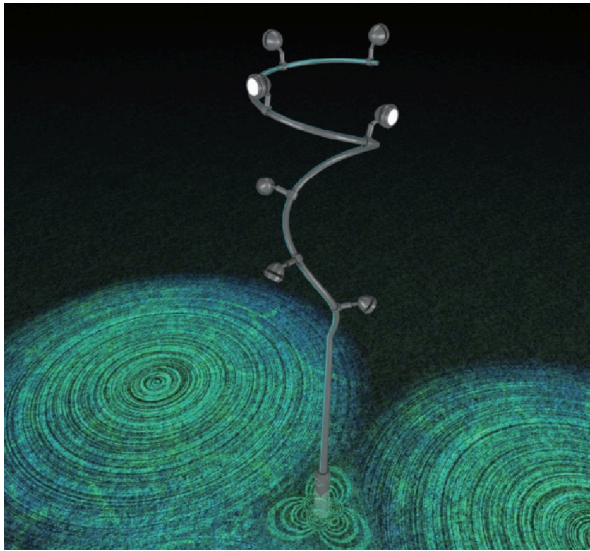
Horizontal Lamp Arm for One Floodlight



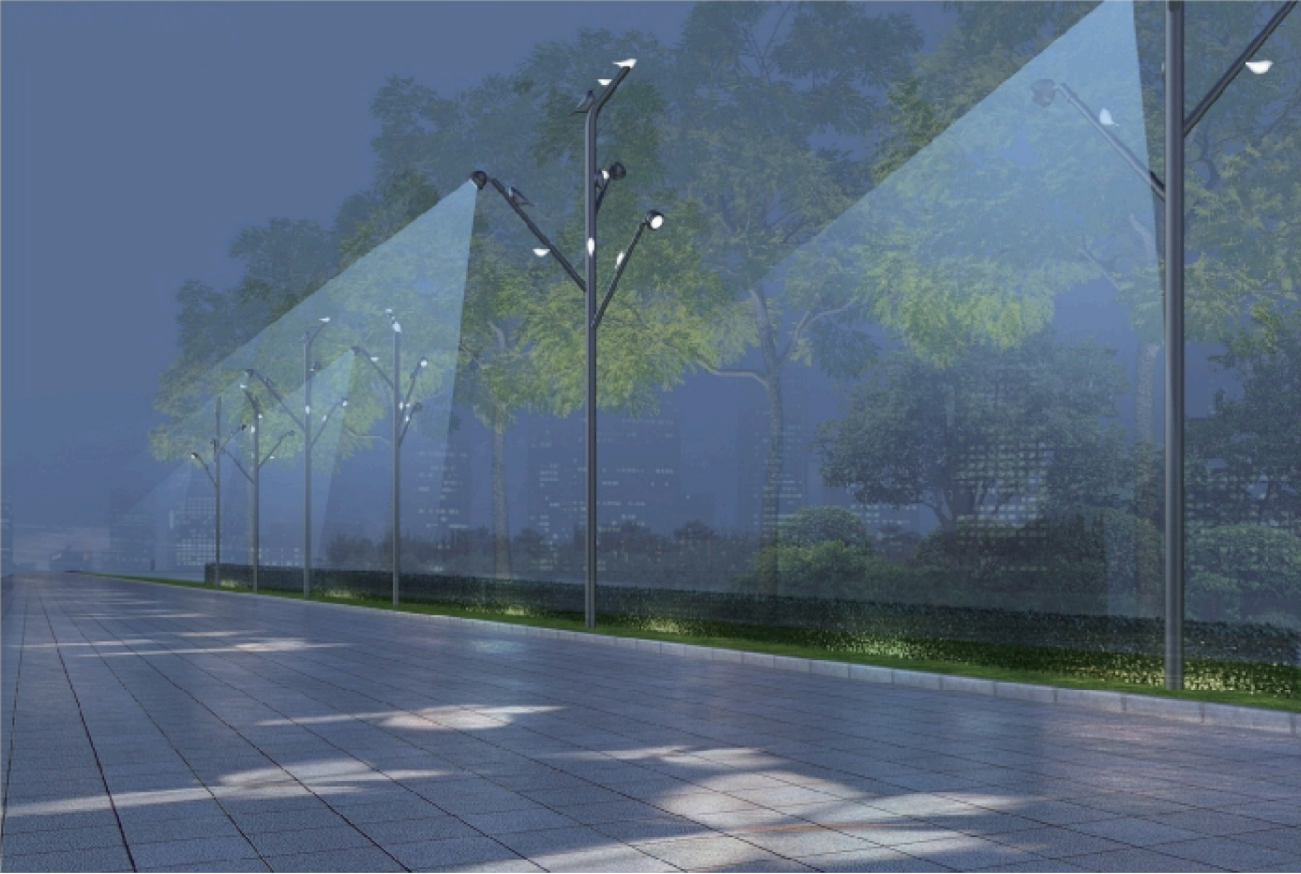
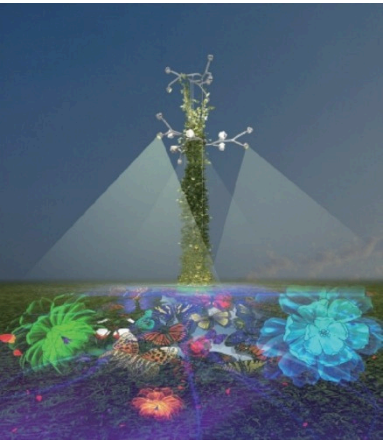
The Elegance of Curves — Pole Application Scenarios



Lens Patterns

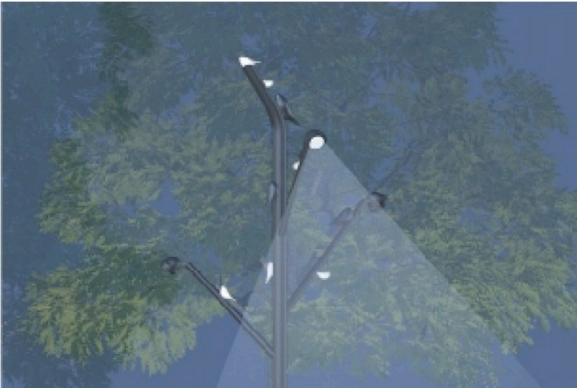


The combination of bee butterfly series floodlights and poles, cultural modeling design, suitable for lighting public spaces such as squares, walkways, courtyards, scenic spots, parks and other areas.



Birdsong & Blossoms — Night Scene Simulation

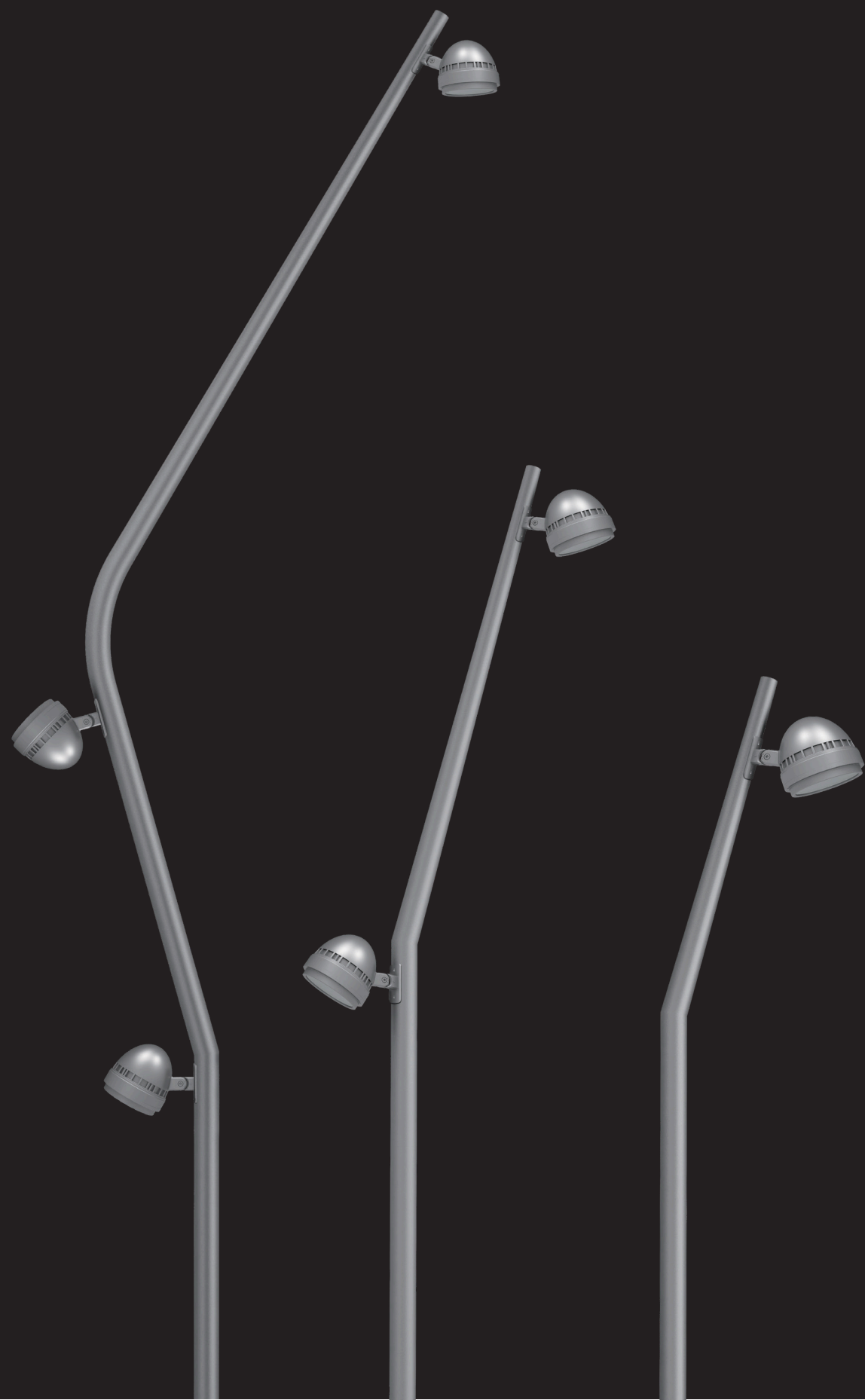
Birdsong & Blossoms — Ground Projection



Birdsong & Blossoms — Light Diffusion

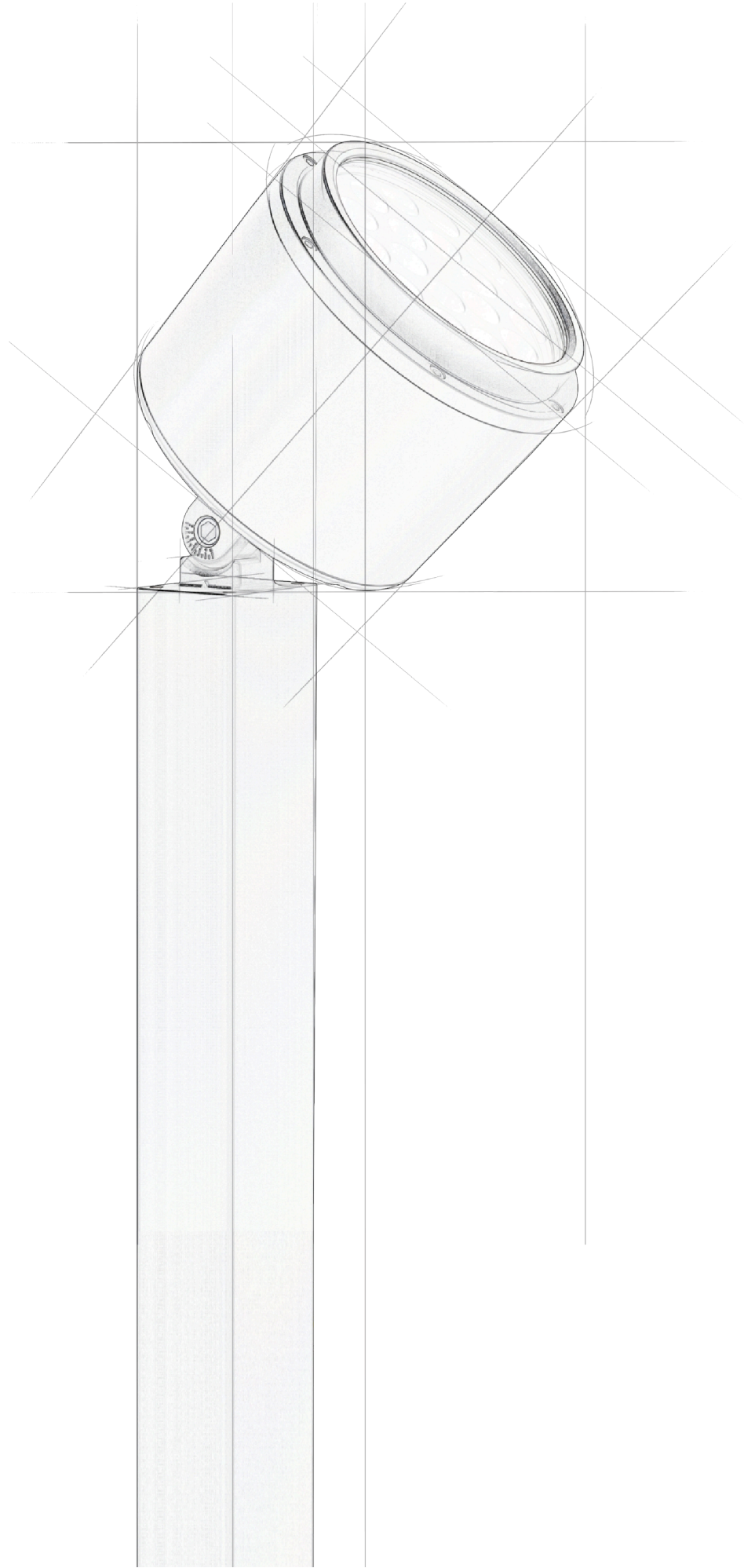
Birdsong & Blossoms — Bird and Lamp Head Details





The Bee & Butterfly Series floodlights, combined with pole installations, showcase a sleek, modern design perfectly suited for illuminating walkways, courtyards, scenic spots, and park environments.

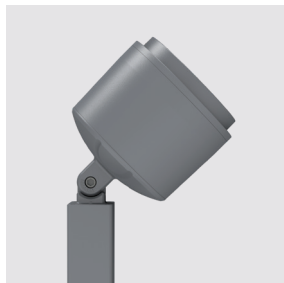




The housing is provided with an indicator for reading out the projection angle of the light on the rotating dial to accurately adjust the lighting angle of the lamp;

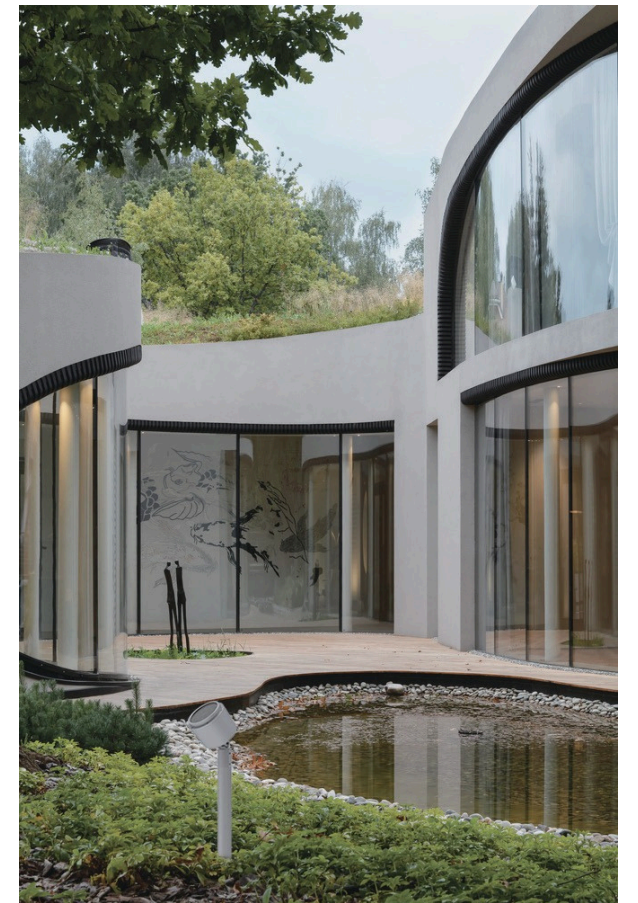
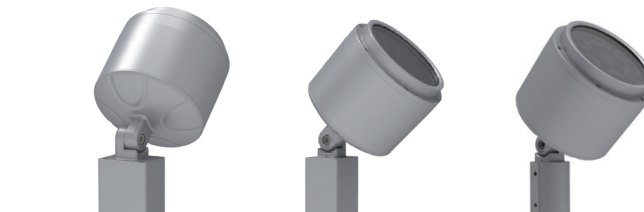


It absorbs and blocks the extra stray light, can effectively control the residual light, and makes up for the defect of anti-glare of the existing flood light, and improves the quality of the flood light.



Open cooling structure to avoid dust;

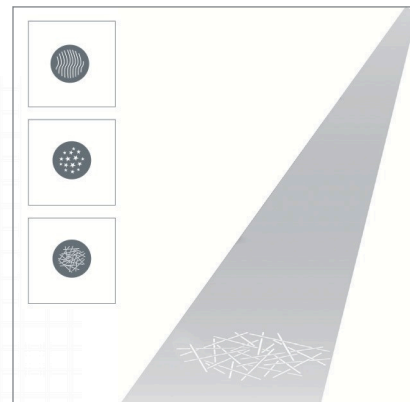
Photoelectric separation design, make the power and light source heat complementary and interfere with each other, and extend the life of the entire lamp; The dual-cavity structure design of the power module and the light source module makes it easy to replace without affecting the sealing performance.



Completely prevents dust ingress and remains unaffected by strong water jets or wave impact



Made of high-strength die-cast aluminum, impact- and abrasion-resistant.



Multiple lens patterns available to project images that match the environment.



Product
Accessories

01 02 03



Model	kg
RD-	0.03

YZ1
Used with floodlights to prevent light dispersion, allowing the beam to focus more effectively for stronger brightness and longer projection distance.



Model	kg
RD-	0.68

YZJ1
Round Mounting Bracket



Model	kg
RD-	0.71

FZJ1
Square Mounting Bracket



Model	kg
RD-	0.52

BG1
A clamp is a connecting component used to hold or fasten one object around another. It belongs to the category of fasteners.



Model	kg
RD-	0.45

YZ2
Used together with floodlights to prevent light scattering, enabling better beam concentration, stronger brightness, and longer projection distance.



Model	kg
RD-	1.30

YZJ2
Round Mounting Bracket



Model	kg
RD-	1.32

FZJ2
Square Mounting Bracket



Model	kg
RD-	0.72

BG2
A clamp is a connecting component that holds or secures one object around another. It is classified as a fastener.



Model	kg
RD-	0.61

YZ3
Used with floodlights to prevent light scattering, ensuring better beam focus, stronger illumination, and longer projection distance.



Model	kg
RD-	1.76

YZJ3
Round Mounting Bracket



Model	kg
RD-	1.78

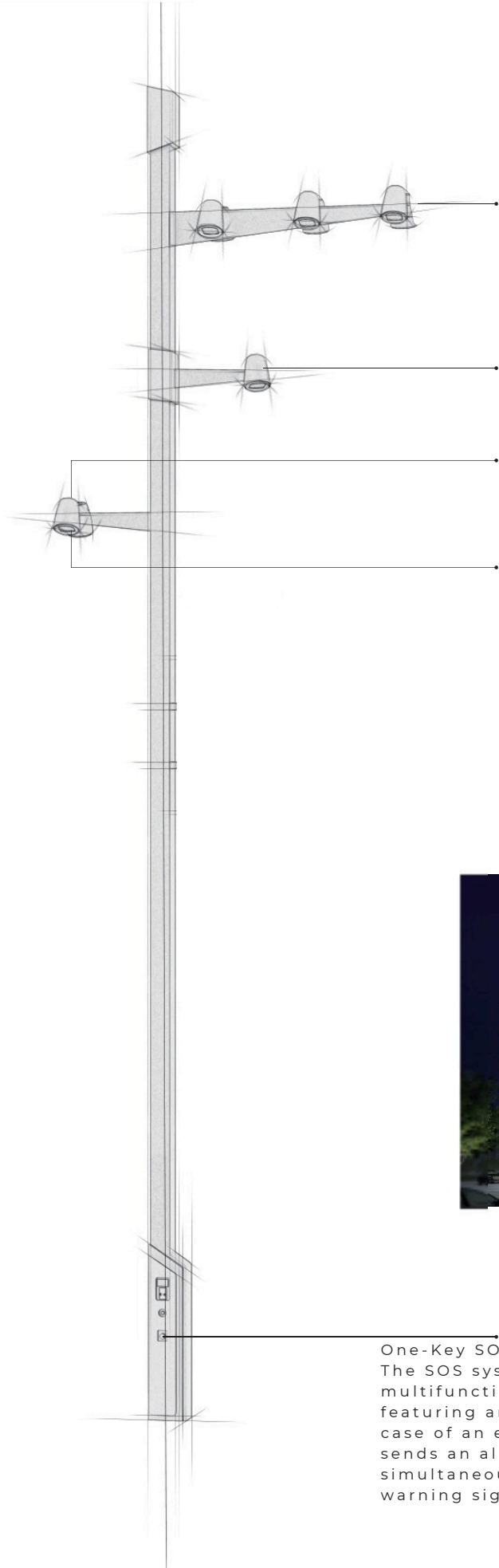
FZJ3
Square Mounting Bracket



Model	kg
RD-	0.96

BG3
A clamp is a connecting part used to hold or fasten one object around another. It belongs to the category of fasteners.

Three size specifications are available, with corresponding accessories indicated by serial numbers 1, 2, and 3.
The half-shade cover model is RD-B, the round mounting bracket model is RD-YZJ, the square mounting bracket model is RD-FZJ, and the clamp model is RD-BG.
Adjust the corresponding model code as needed, for example: RD-X01.036-B1/YZJ1.



LED Light Module
The lighting module allows each light to be individually adjusted vertically (up and down) and supports smart timer control for automatic illumination.

Features network camera functionality that stores real-time video data on the NVR platform. Through the monitoring client, users can view live multi-screen surveillance and video playback in real time.



Equipped with a WiFi module, enabling the transmission of advertising, voice, text, data, and network communication functions.



One-Key SOS Module
The SOS system is integrated into the multifunctional smart light pole, equipped with an emergency alarm button. In case of an emergency, the SOS system can be activated to send an alert, while the speaker simultaneously emits an audible warning signal.



One-Key SOS Module
The SOS system is integrated into the multifunctional smart light pole, featuring an emergency alarm button. In case of an emergency, the SOS system sends an alert, while the speaker simultaneously emits an audible warning signal for rapid response.

Product Features

Operates on a wide input voltage range of AC100–277V.

Offers multiple anti-glare grids and stretched optical glass options.

Features a separate light source and driver design for easy installation and maintenance.

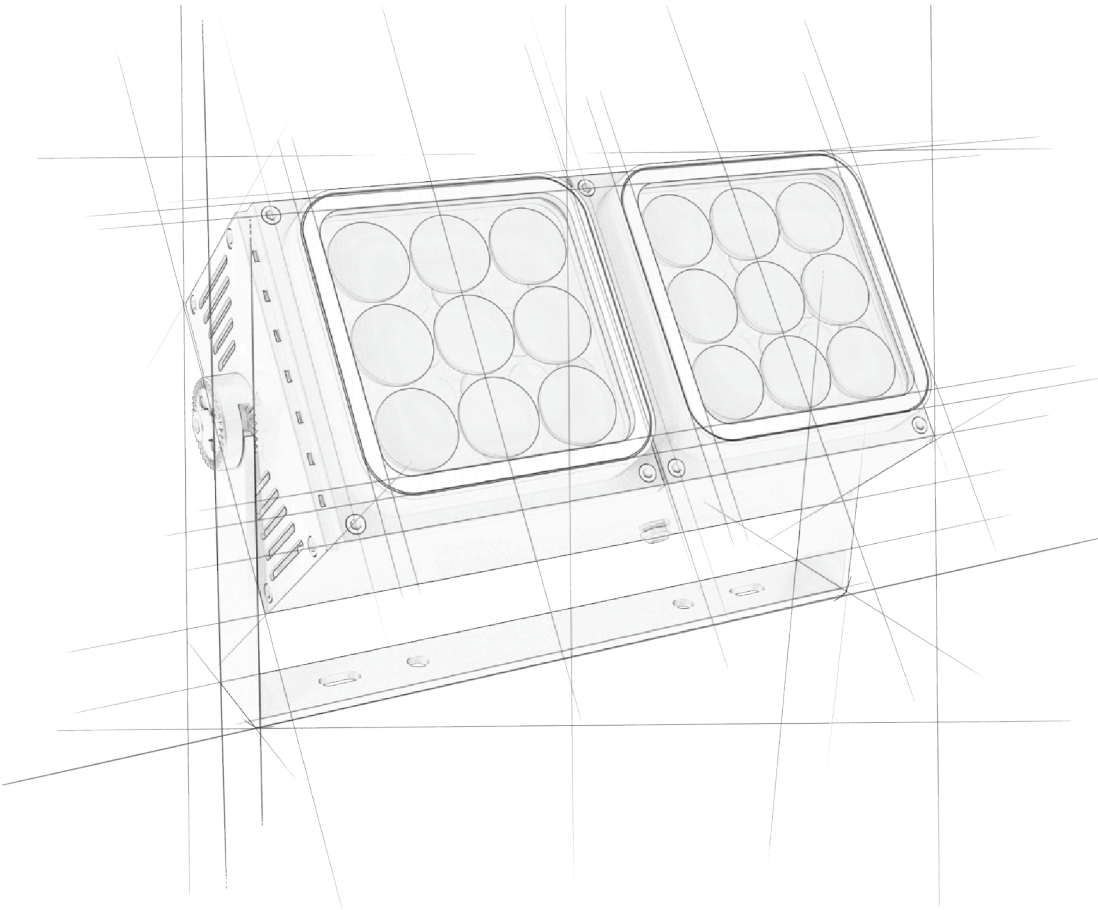
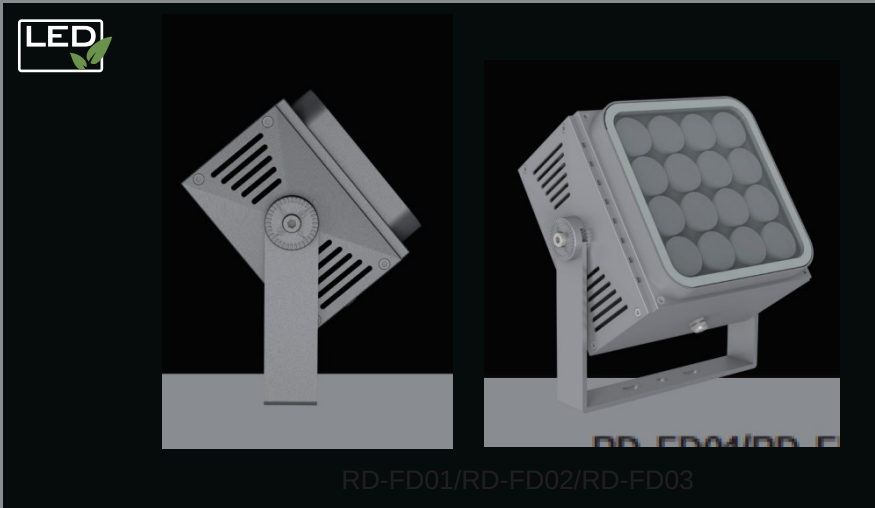
Uses the DMX512 lighting control system for precise and flexible control.

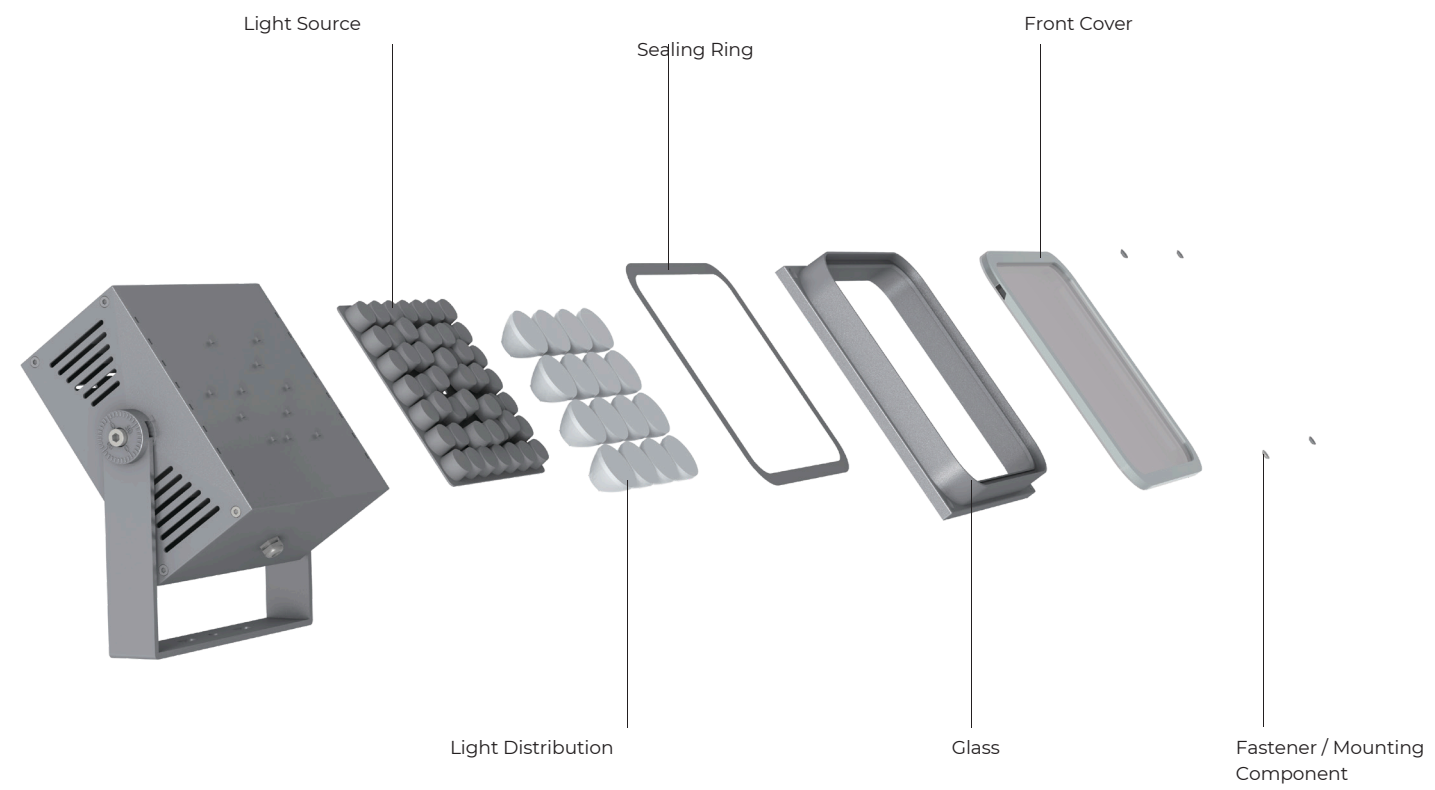
Equipped with high-power, high-quality LED chips from leading international brands, ensuring long lifespan, high performance, and excellent luminous efficiency.

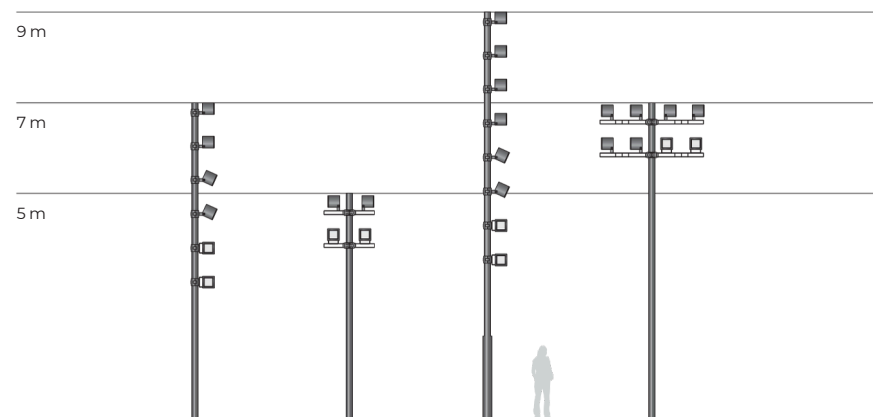
The housing is made of high-strength die-cast aluminum (ADC12), and the cover uses high-strength tempered glass for superior impact and abrasion resistance.

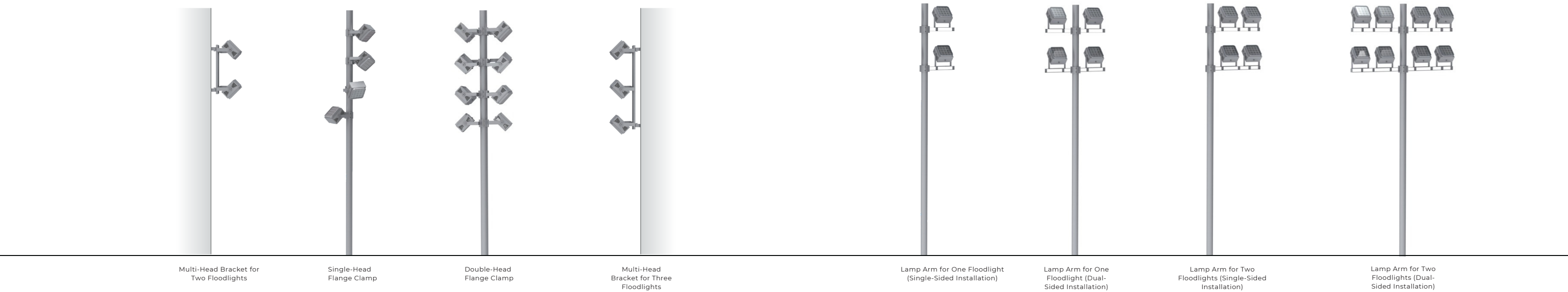
Available in multiple beam angles and light colors to meet different lighting needs.

All screws are made of 304 stainless steel, providing durability and corrosion resistance.

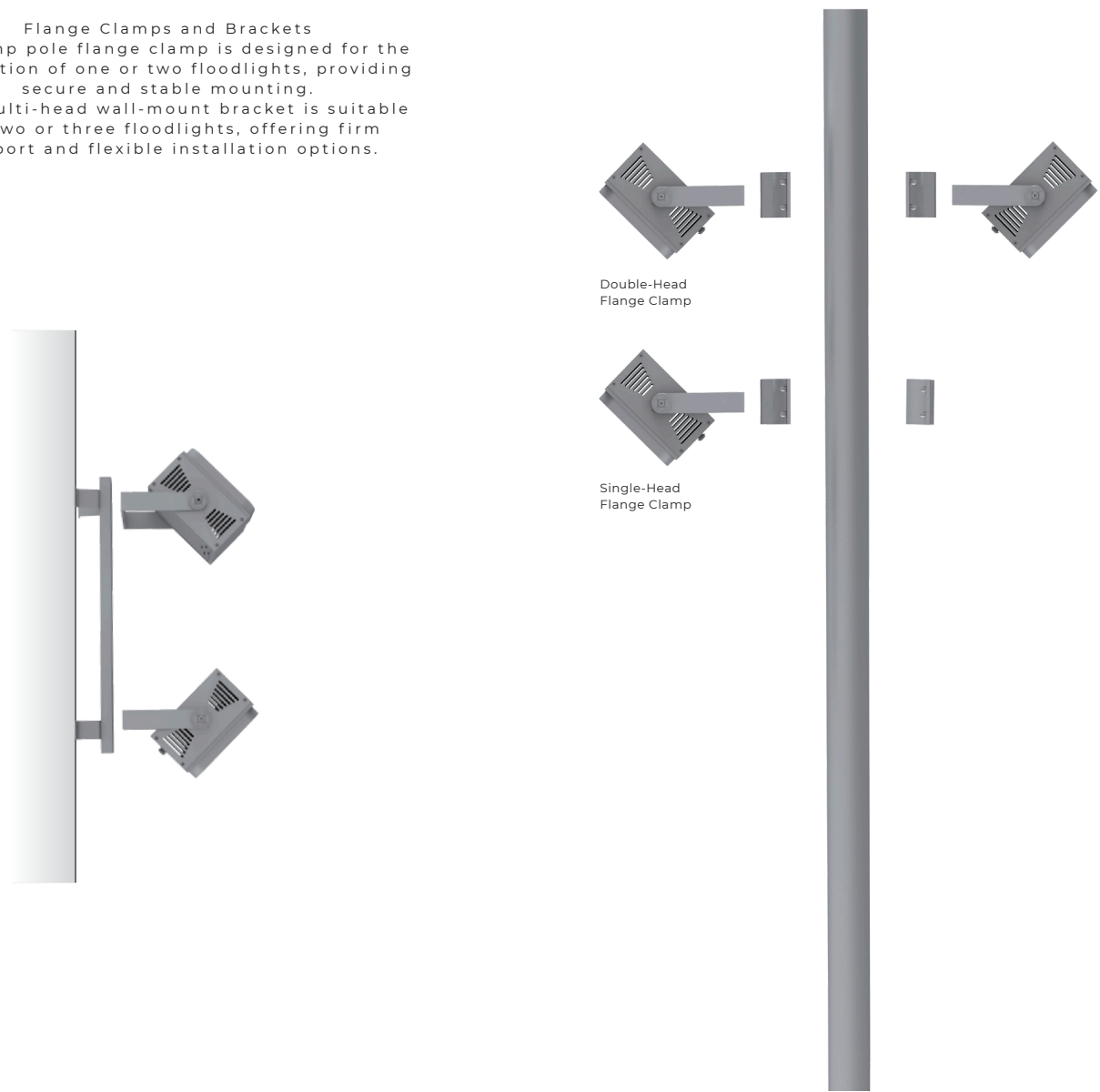








Flange Clamps and Brackets
 The lamp pole flange clamp is designed for the installation of one or two floodlights, providing secure and stable mounting.
 The multi-head wall-mount bracket is suitable for two or three floodlights, offering firm support and flexible installation options.



Horizontal Lamp Arm
 Floodlights (medium, small, and compact housings) can only be installed on the upper side of the lamp arm. For single-arm fixtures, a maximum of one floodlight may be installed, while double-arm fixtures can accommodate up to two floodlights.
 When installed inside a dedicated enclosure near the lamp pole, only one medium-sized Bee & Butterfly Series floodlight may be mounted on a double-arm fixture.
 To ensure correct installation, always refer to the installation manuals of both the product and the lamp pole.
 For different applications, the maximum number of floodlights allowed on the pole depends on installation conditions such as wind load, ground type, and structural stability.
 Reddy can provide stability calculations for all installation conditions upon request.

