R SERIES / PRODUCT OVERVIEW

R Compact

Cylindrical floodlights for planting beds, entrances and facade details.

CUSTOMIZABLE OPTIONS

Power, beam angle, housing color, light color and CCT can be customized.
Specify the LED brand, type and quantity to suit the project.



R110



R120



R135



R150

MODEL COMPARISON

Model	Power	Max. luminous flux	LED quantity	Lens diameter
R110	12 W / 15 W / 18 W	1,170 lm	4 or 6 LEDs	Ø37 or Ø24 mm
R120	18 W / 24 W	1,560 lm	4 or 9 LEDs	Ø37 or Ø24 mm
R135	24 W / 36 W	2,340 lm	4 or 12 LEDs	Ø37 or Ø24 mm
R150	36 W / 48 W	3,120 lm	6, 8 or 18 LEDs	Ø37 or Ø24 mm

Maximum luminous efficacy 65 lm/W.

R SERIES / TECHNICAL DATA

Technical specifications

R Compact

Parameter	Specification
Beam angles	10° · 15° · 30° · 45° · 65° · 10° × 60° · 20° × 40° · 20° × 60°
CCT (white light)	2700-6000 K (factory-set, specify when ordering)
Light colors	White / Red / Green / Blue / Amber / RGB / RGBW
Control options	DMX512 · Wireless DMX · ON/OFF
LED options	R110 / R120 3535 LED, OSRAM 3535 RGBW R135 / R150 3535 LED, Cree XLamp XP-E, OSRAM 3535 RGBW
Housing finish	Jet Black · Signal White · Anthracite Grey · White Aluminium · Custom colors on request
Input voltage	85-265 V AC, 50-60 Hz
Protection	IP66 / IK10
Operating temperature	-40 °C to +50 °C
Warranty	5 years
Service life	50,000 h
Glare-control options	Recessed lens plate, honeycomb louver, parallel-blade grille and concentric ring baffle (page 6).

R SERIES / MOUNTING ACCESSORIES

Base, bracket, pole & spike

All mounting accessories and fixing methods shown are available for every R Series model.



Type A - Base mount

Fix the base through its mounting holes. Adjust the joint to aim the head. R110 / R120 / R135 use the Ø69 mm base. R150 uses the Ø116 mm base.



Type U - U-bracket

Fix the bracket through its mounting holes. The side pivots set the luminaire aiming direction.



Type B - Pole stand

The standard 0.75 m pole raises the luminaire above low planting. Fix the foot plate to a firm surface and adjust the top joint to aim the head.



Type C - Ground spike

The standard 0.26 m spike fixes the luminaire in soil or a planted bed. Adjust the head to illuminate planting or a nearby feature.

R SERIES / MOUNTING ACCESSORIES

Wall, pole & tree fixings

R Series mounting accessories



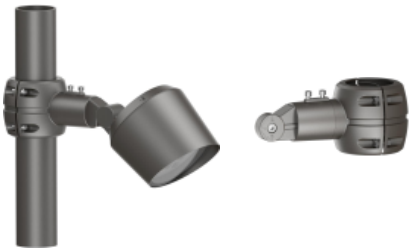
Type D - Wall arm

Fix the mounting plate to a wall or structural surface. The offset arm and pivot joint position the head away from the fixing surface.



Type E - Pole adapter

Attach the arm to a pole using the matching fixing kit. Select the adapter to suit the pole section and the chosen luminaire.



Type F - Pole clamp

The split collar closes around the pole and supports an offset arm. Select the collar size to match the pole diameter.



Type G - Tree strap mount

Two straps secure the arm around a trunk. Aim the head towards the crown or a nearby landscape feature and allow adjustment for trunk growth.

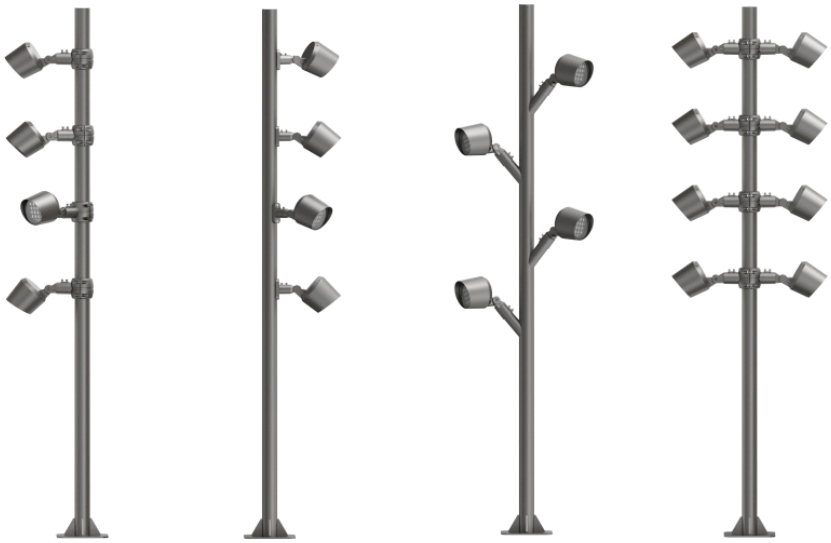
R SERIES / MOUNTING ACCESSORIES

Pole arrangements

R Compact

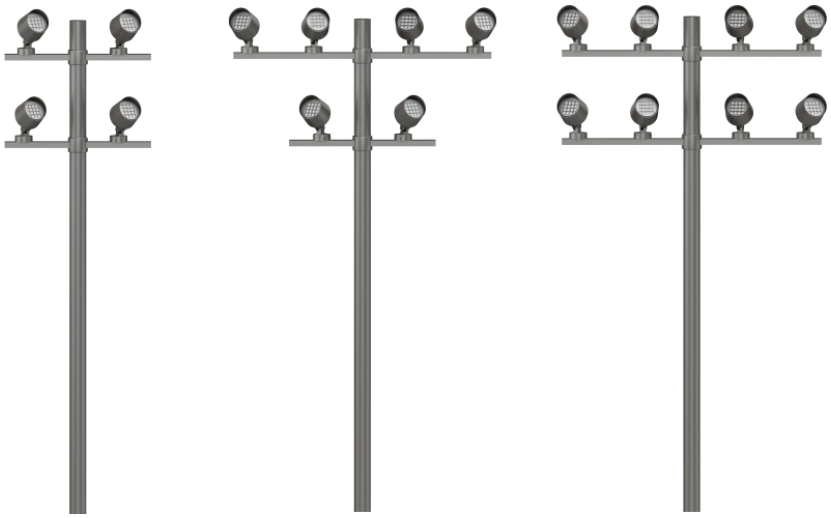
Vertical arms

Mount heads at different heights on a single pole. Arms can face the same direction, alternate sides or form opposed pairs. Aim each head at its own target.



Crossarms

Mount several heads side by side on a horizontal arm. A second tier provides another row of independently aimed luminaires on the same pole.



R SERIES / ACCESSORIES

Glare-control accessories

R Compact

RECESSED LENS PLATES

Each lens sits behind an opening in the plate. Match the pattern to the LED array.



Square LED array



Circular LED array

LOUVERS & BAFFLES



Honeycomb louver

Small cells shield the lenses from oblique views in multiple directions.



Parallel-blade grille

Parallel blades screen the lenses when viewed across the blades.



Concentric ring baffle

Nested rings screen oblique views of the lenses around the face of the luminaire.

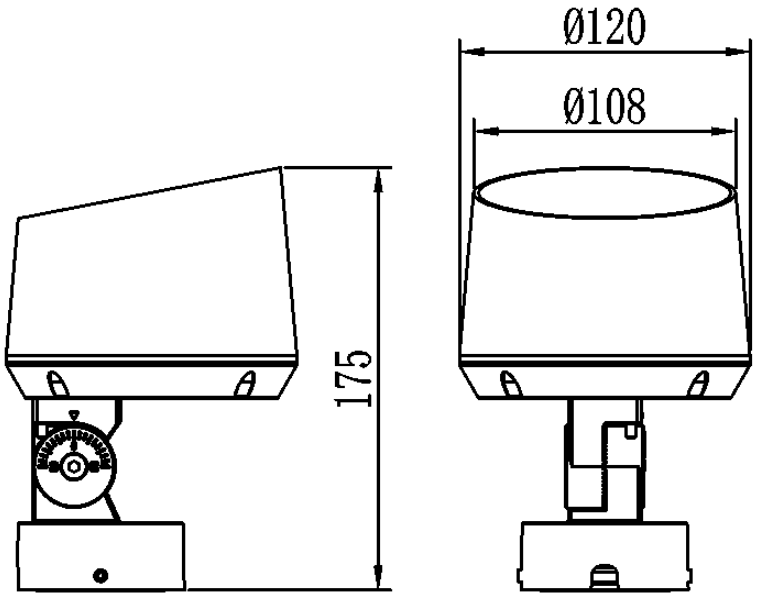
R SERIES / DIMENSIONS

R110 dimensions

R Compact

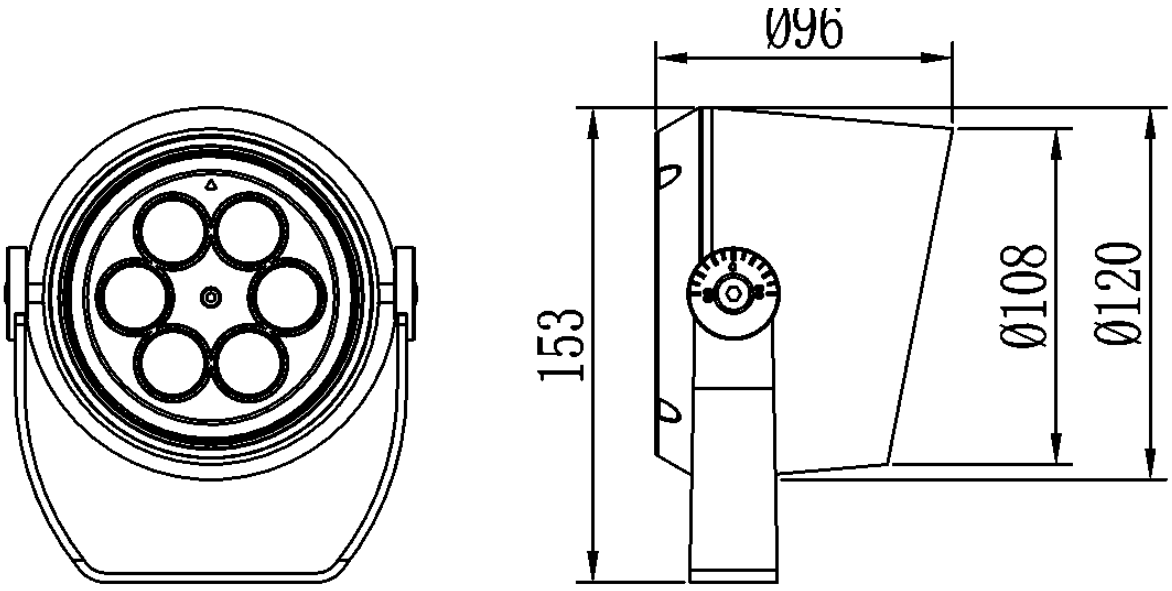
BASE MOUNT

Ø120 × H175 mm



U-BRACKET

Ø120 × D96 × H153 mm



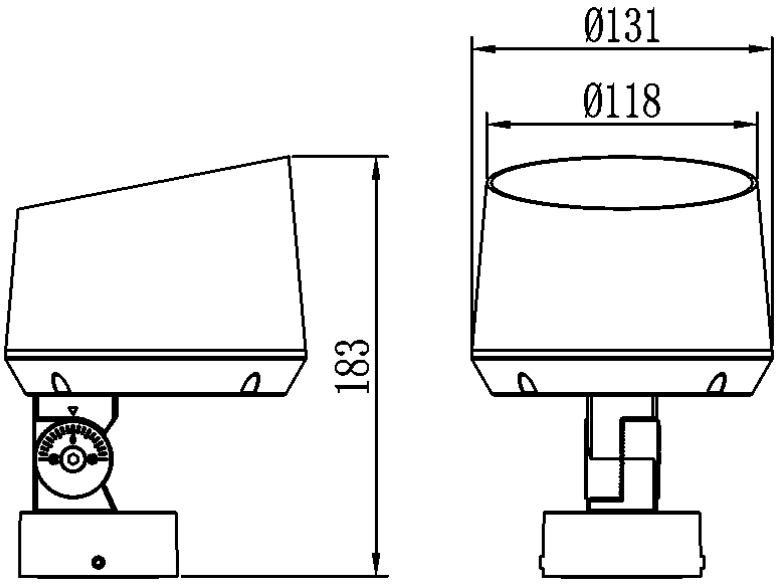
R SERIES / DIMENSIONS

R120 dimensions

R Compact

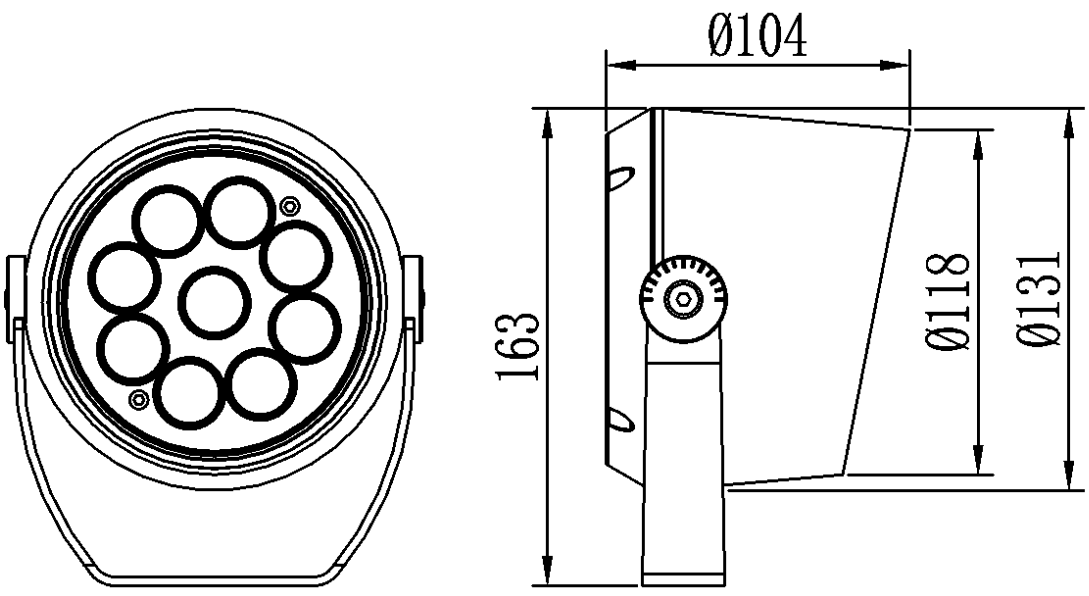
BASE MOUNT

Ø131 × H183 mm



U-BRACKET

Ø131 × D104 × H163 mm



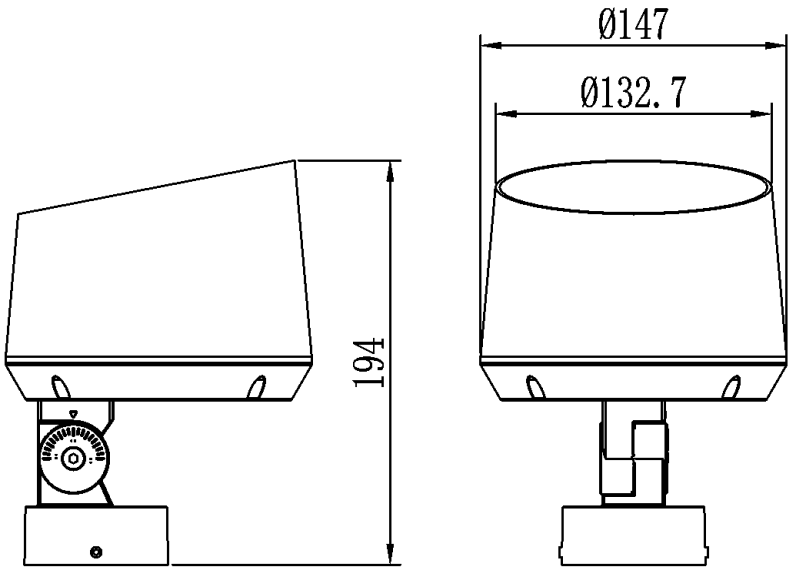
R SERIES / DIMENSIONS

R135 dimensions

R Compact

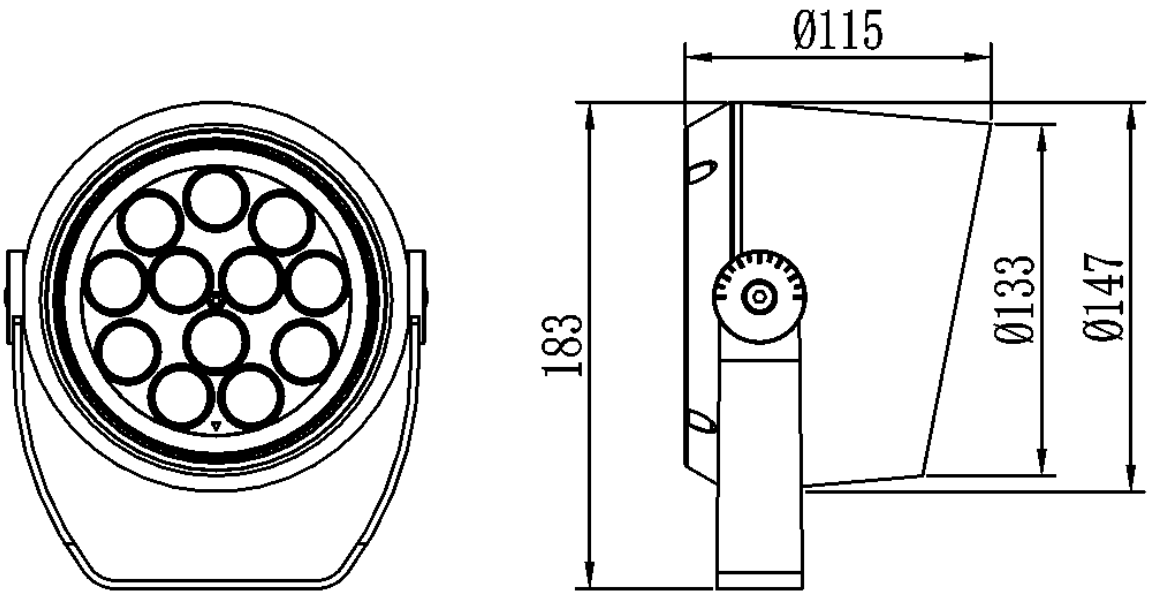
BASE MOUNT

Ø147 × H194 mm



U-BRACKET

Ø147 × D115 × H183 mm



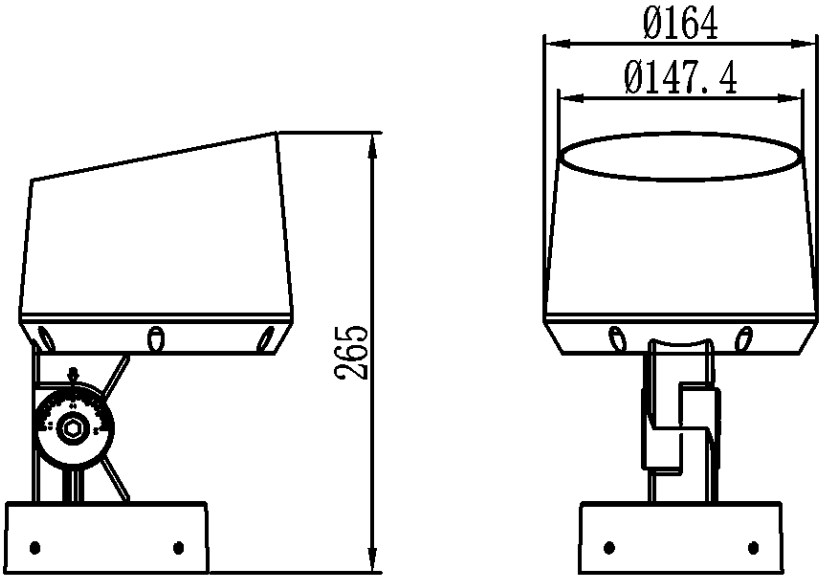
R SERIES / DIMENSIONS

R150 dimensions

R Compact

BASE MOUNT

Ø164 × H265 mm



U-BRACKET

Ø164 × D133 × H200 mm

