

# 3QE LED Architectural & Landscape Spot Light

-Projectors, Floodlights, Wall washers



B3QEM0658(Mono)  
B3QEM0618(RGB)  
B3QEM0620(RGBW)  
(Round Base)



B3QEM0125(Mono, Round Base)  
Note:  
With Spike is available  
Model No.: B3QEB0125(Mono, Spike)



B3QEB0658(Mono)  
B3QEB0618(RGB)  
B3QEB0620(RGBW)  
(Spike)

## Note:

there are optional extensive mounting accessories, such as: extended pole, tree/pole strap and etc.

COMI Landscape lighting's B3Q is an ideal LED architectural and landscape lighting for large buildings and objects. The round and conically-shaped luminaire housing which provides outstanding visual comfort with good shielding properties. With various lens types and lens angle for options, the family of luminaires consists of several sizes with diverse light distributions-ranging from narrow spot, and wide flood to homogeneous wall washing. Its circular design means the luminaire can be flexibly used in highly different room situations, architectural styles and other landscape objects. The pan-and-tilt mounting plate enables the luminaires to be precisely aligned for projection angle. Optional PWM, 0-10V, DALI, DMX512 dimming or control support upon request. IP65 rated and weather-proof housing design. B3Q features extensive mounting accessories the luminaire is also easy to install in a wide variety of outdoor applications.

## FEATURES:

- 6pcs\*2W (Mono or tunable white), 3W(RGB) or 4W(RGBW) LED or 1piece CREE COB LED as its light source.
- 70-80LM/W (high light efficiency 100-120LM/W is available upon request).
- Standard input voltage is 24Vdc or 220-240Vac (110-120Vac is available).
- High luminous flux and maximum visual comfort for lighting tasks in the outdoor area.
- Light distributions: narrow spot, spot, flood, or wall-wash.
- The luminaire is with round base for wall/ceiling/ ground surface mounted; also provides extensive mounting accessories for options:
  - (1) Ground spike;
  - (2) Screw fixed pole mounting Bracket;
  - (3) Mounting Bracket with stainless steel tree strap;
  - (4) Extended pole(300/500/800/1000mm) with round base (fixed by screws) or spike.
- Optional anti-glare light accessories: honey comb louver, honeycomb glass and filter.
- Finished color: grey and black.
- Multiple direction adjustable for projection direction.
- With pan-and-tilt mounting plate for precisely aligned for projection angle.
- 0/1-10V, DALI, DMX 512, TRIAC dimming or control are available upon request.
- IP65 rated and weather-proof.
- Applicable environment temperature:  $-20^{\circ}\text{C} < \text{fixture} < +45^{\circ}\text{C}$ .
- Standard 3 years warranty. (5 years warranty available).

## OPTIONAL EXTENSIVE MOUNTING ACCESSORIES:



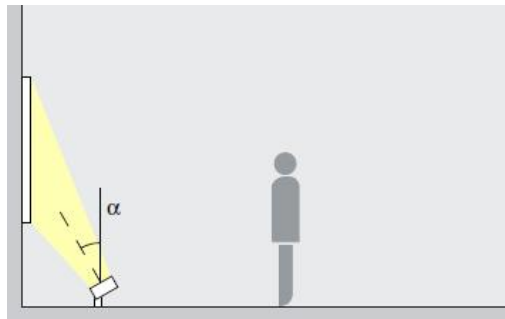
- ① Round base; ② Pole mounting bracket fixed by screws;  
 ③ Tree/pole Strap(made of stainless steel);  
 ④ Ground spike;  
 ⑤ Extended pole with base(fixed by screws) (Extended pole length available in: 300/500/800/1000mm);  
 ⑥ Extended pole with ground spike(Extended pole length available in: 300/500/800mm).

# 3QE PROJECTOR, FLOODLIGHTS, WALL WASHER

## – Luminaire Arrangement:

### Projectors

Narrow spot, Spot, Flood



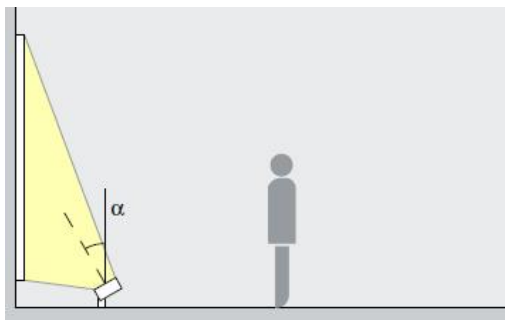
### Accentuation

The ideal angle of tilt ( $\alpha$ ) for accent lighting with 3QA projectors is around  $30^\circ$ . This emphasizes the three-dimensionality of architectural details, sculptures or trees, without distorting the spatial impression with excessive shadowing.

Arrangement:  $\alpha = 30^\circ$

### Floodlights

Wide flood, Extra wide flood



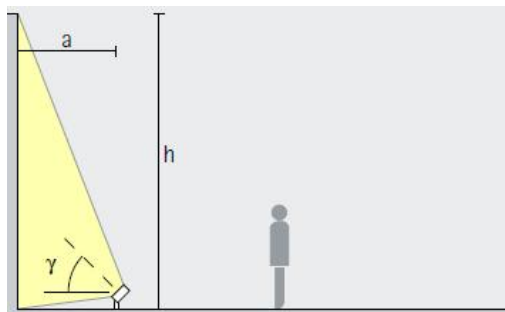
### Wash lighting

3QA projectors ensure uniform floodlighting of walls surfaces or trees. The ideal angle of tilt ( $\gamma$ ) for this is around  $30^\circ$ .

Arrangement:  $\alpha = 30^\circ$

### Lens wall washers

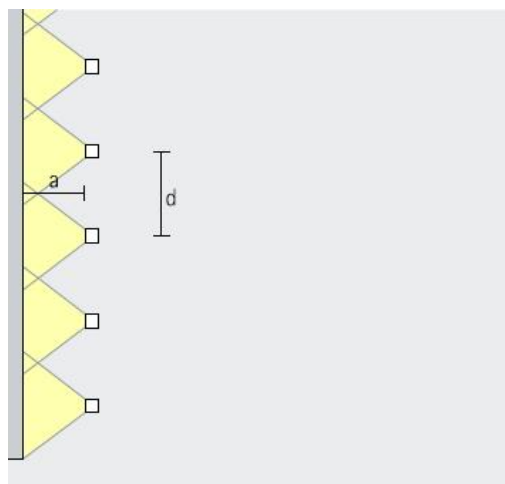
Wall wash



### Wallwashing

Uniform vertical illuminance in the outdoor area defines spatial borders. Here, the distance ( $a$ ) of 3QA lens wallwashers from the wall should be around one third of the room height ( $h$ ). This results in an angle of tilt ( $\gamma$ ) of approx.  $55^\circ$ .

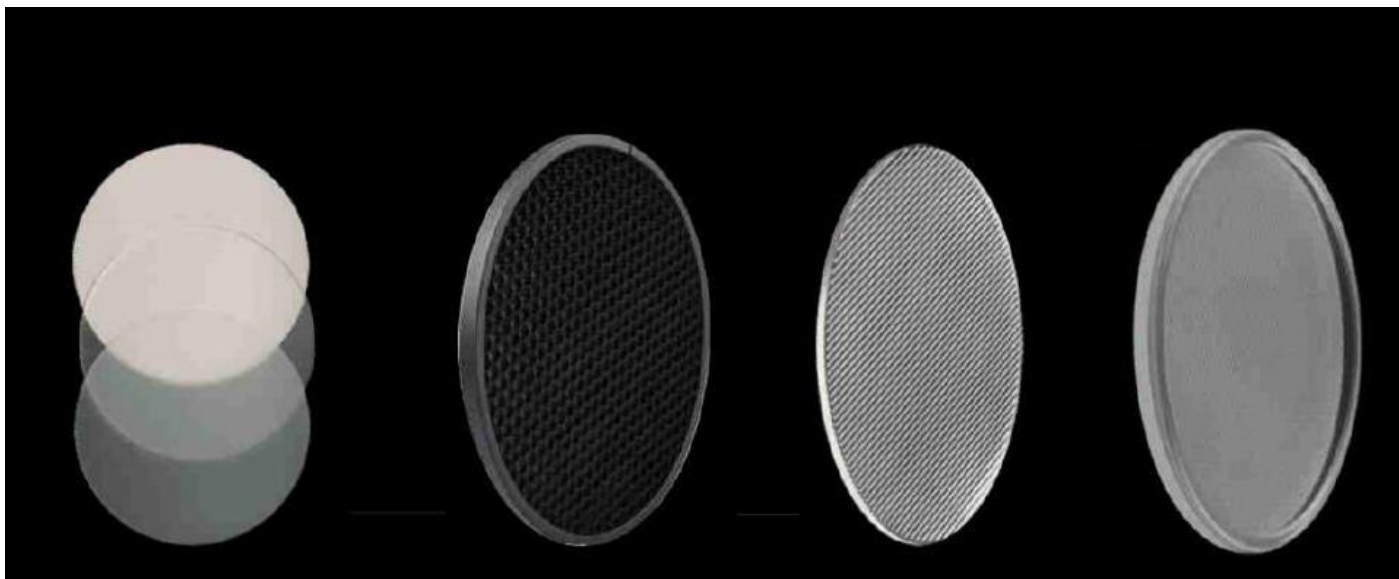
Arrangement:  $a = 1/3 \times h$  bzw.  $\gamma = 55^\circ$



For good longitudinal uniformity, the spacing ( $d$ ) of 3QA lens wallwashers may be up to 1.2 times the offset from the wall ( $a$ ).

Arrangement:  $d \leq 1.2 \times a$

## OPTIONAL EXTENSIVE MOUNTING ACCESSORIES:



Note: These lighting accessories enables the luminaire with soft light or anti-glare light output.

## MATERIAL SPECIFICATIONS:

Housing	12#Die-Casting grey powder coated aluminum. T=60-80μm Adhesion of ISO class 1/ASTM class 4B
Light Window	Step tempered glass. T=4mm
Lens	Optical lens, or reflector efficiency $\geq$ 90%
LED	CREE high power LED or COB LED
Gasket	Molding shaped silicone seal
Driver	Constant current driver
Power Cable	0.5m H05RN-F 2× 1.0mm <sup>2</sup> to open wires (Low Voltage) 0.5m H05RN-F 3×0.75mm <sup>2</sup> to open wires (High Voltage) 0.5m H05RN-F 4× 0.75mm <sup>2</sup> to open wires (RGB) 0.5m H05RN-F 5× 0.50mm <sup>2</sup> to open wires (RGBW, or DMX)
Operating Temperature	-20°C~45°C
Optional Control Support	Standard Non-dimmable. Optional 0/1-10V, DALI dimmable or DMX512 controllable support upon request
Optional Accessories	Aluminum round base PVC ground spike Tree/pole Stainless Steel Strap + aluminum bracket Aluminum extended pole

## TECHNICAL SPECIFICATIONS:

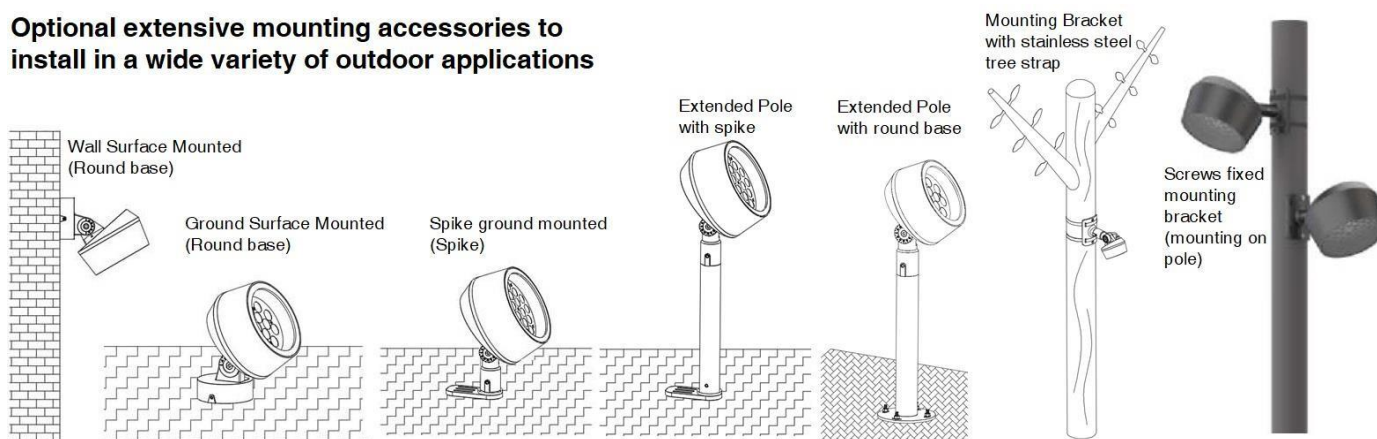
Item No.	Light Source	Beam Angle	Input Voltage	Typical Operating Current(mA)	Typical Power Consumption(W)	Typical Luminance (lm)	IK Rate
B3QEM0658 B3QEB0658	6×3W Single Color CREE LED	6°, 12°, 25°, 40°, 60°	24VDC 110/120 220/240V	24V=758 110V=166 240V=83	24V=18.2 110V=18.3 240V=18.3	Cool White=1288 Warm White=1026	10
B3QEM0618 B3QEB0618	6×3W RGB 3-in-1 LED	15°, 30°, 45°, 60°	24VDC	775	18.6	369	10
B3QEM0620 B3QEB0620	6×4W RGBW 4-in-1 LED	15°, 30°, 45°, 60°	24VDC	1000	24	577	10
B3QEM0125 B3QEB0125	1×25W Single Color CREE COB LED	18°, 24°, 38°, 60°	24VDC 110/120 220/240V	24V=758 110V=169 240V=85	24V=18.2 110V=18.6 240V=18.6	Cool White=1351 Warm White=1080	10

### Notes:

- 1.CCT of Single color available in 2200K (for high power LED only), 2700K, 3000K, 4000K, 6000K;
- 2.DMX512, PWM, DALI,0/1-10V controllable support upon request;
3. The items above are with base or spike, please inquire other mounting accessories separately.
- 4.Specifications are subjected to change without notice.

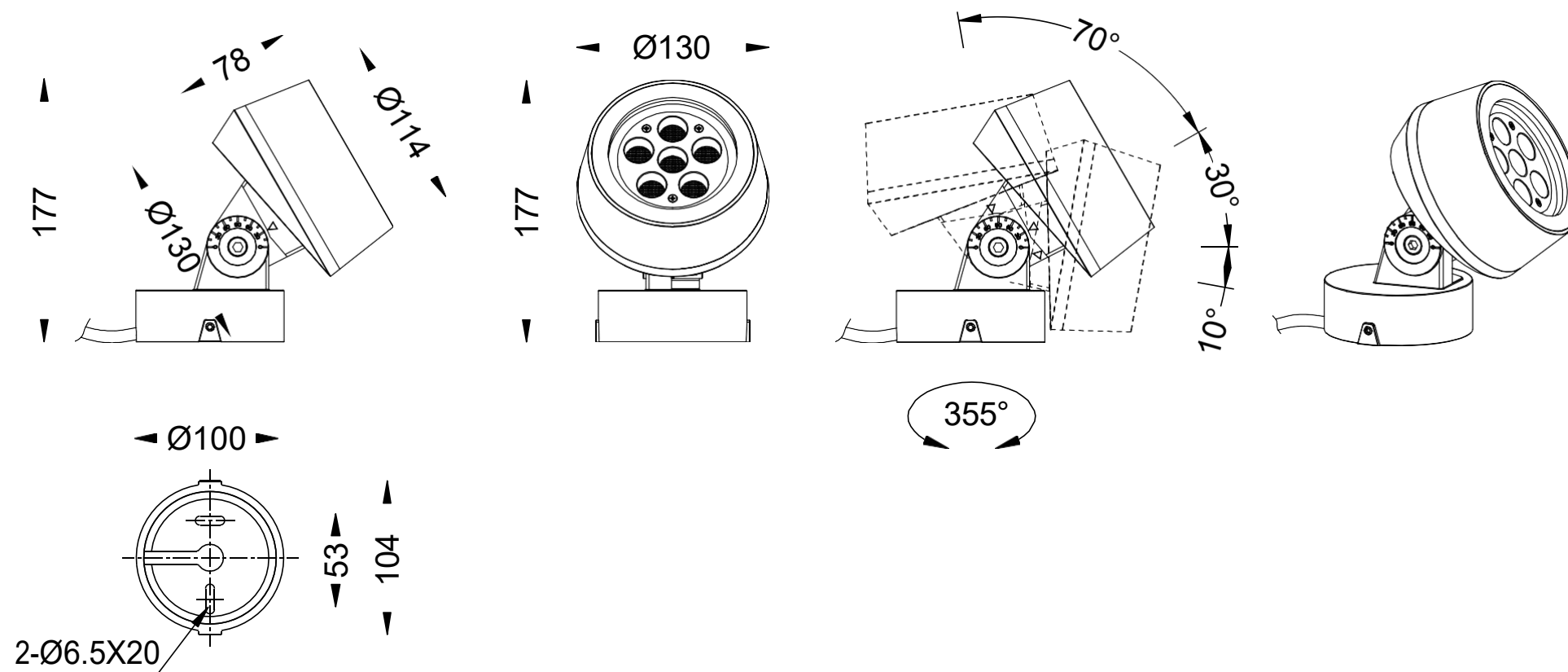
## INSTALLATION DEMO:

**Optional extensive mounting accessories to install in a wide variety of outdoor applications**

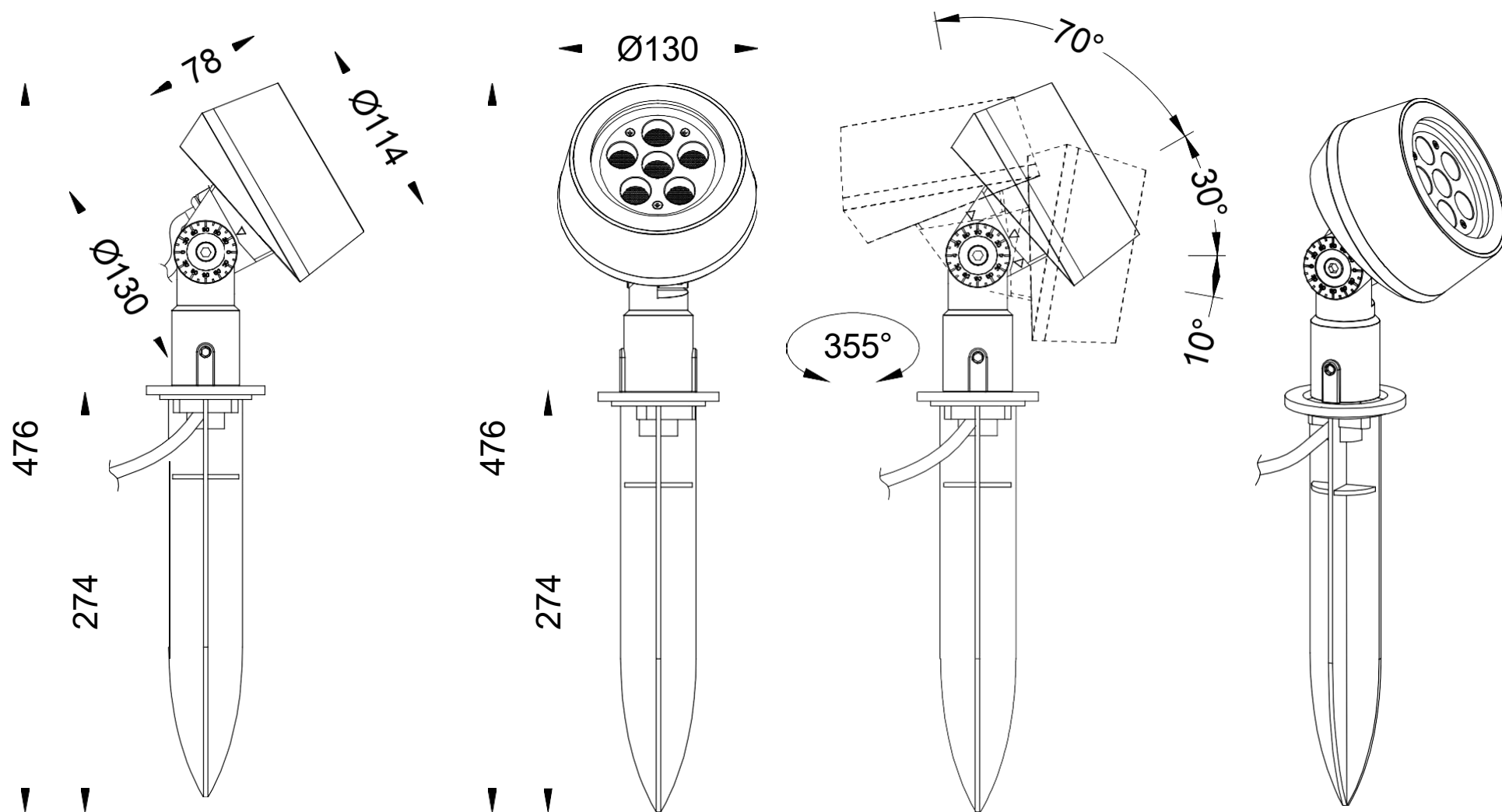


**Please view the dimensional drawing for the lighting fixtures with different mounting accessories in the following pages.**

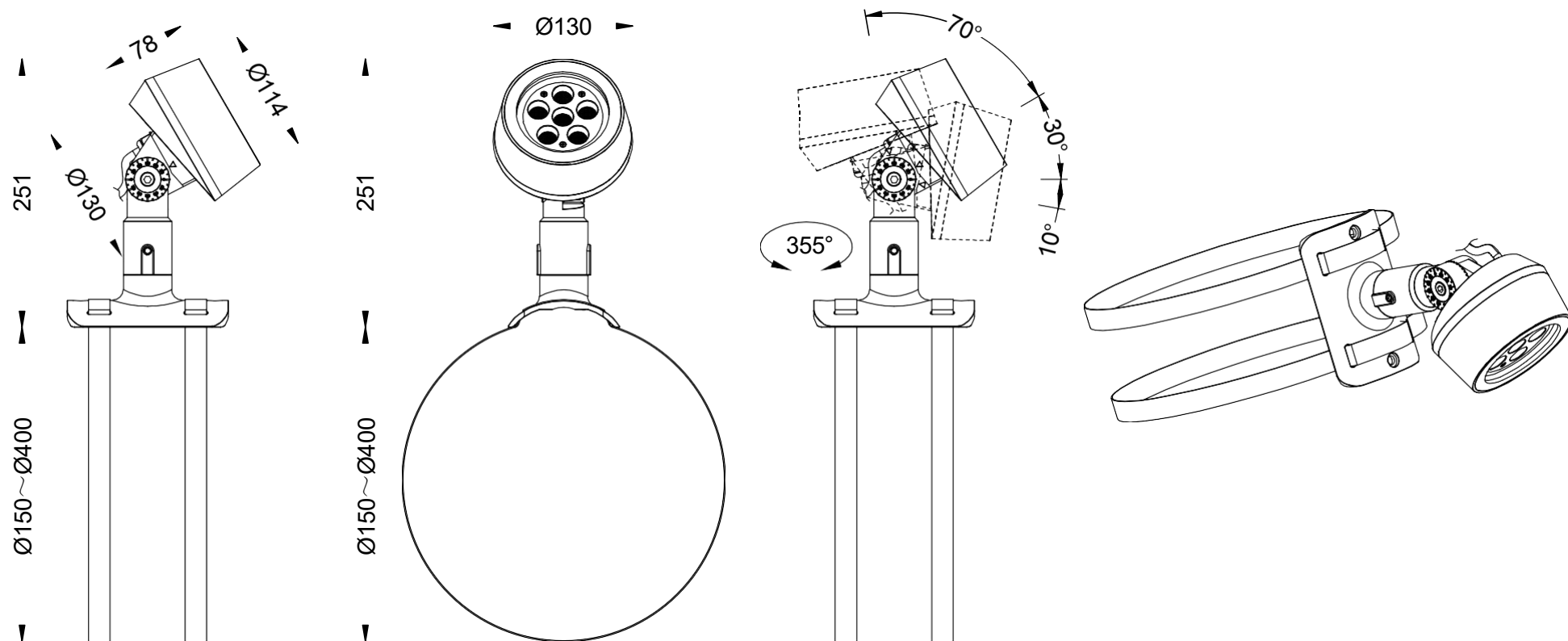
Dimensions for Architectural and landscape light with round base (Units:mm)



Dimensions for Architectural and landscape light with spike (Units:mm)

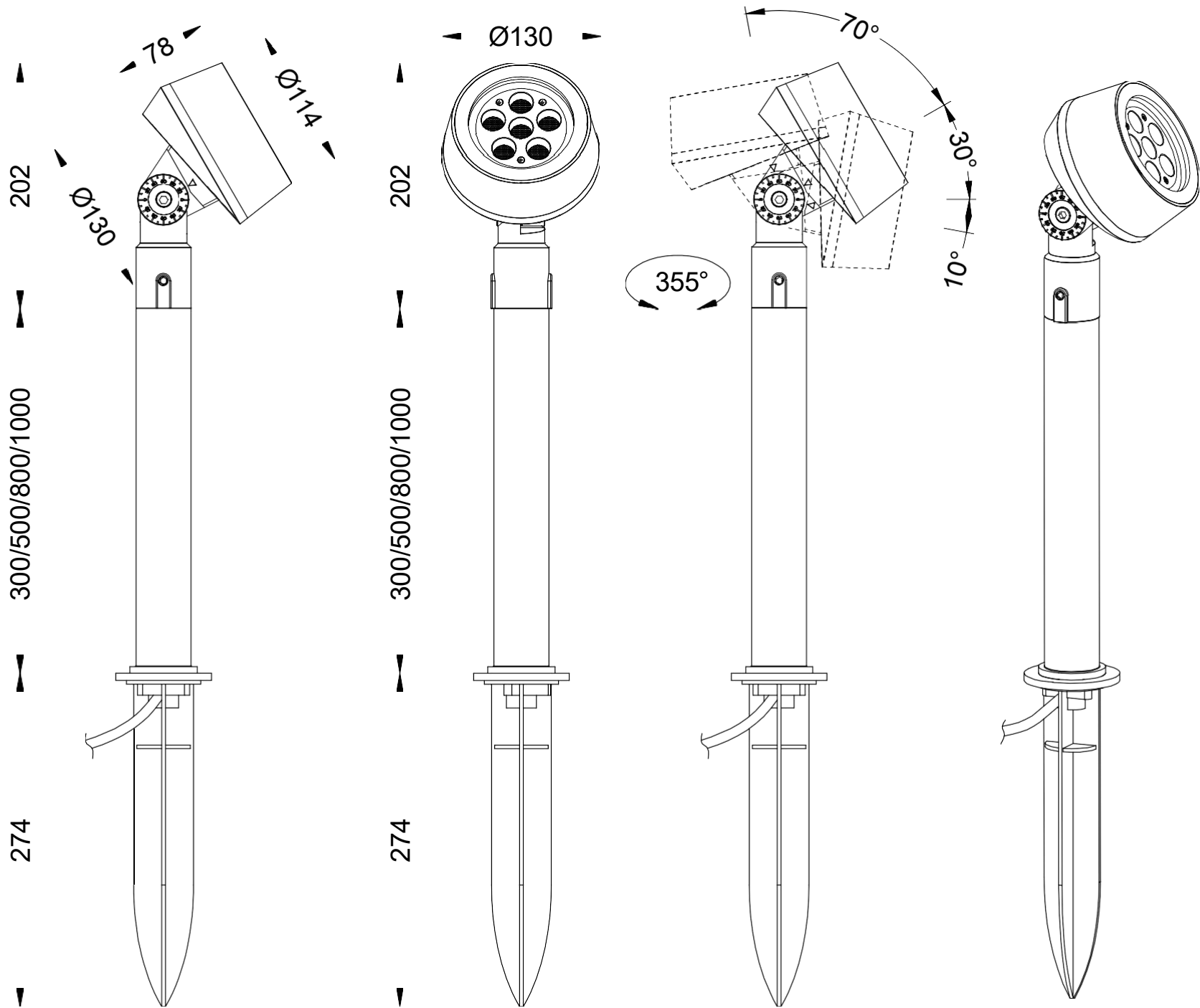


Dimensions for Architectural and landscape light with tree/pole strap (Units:mm)

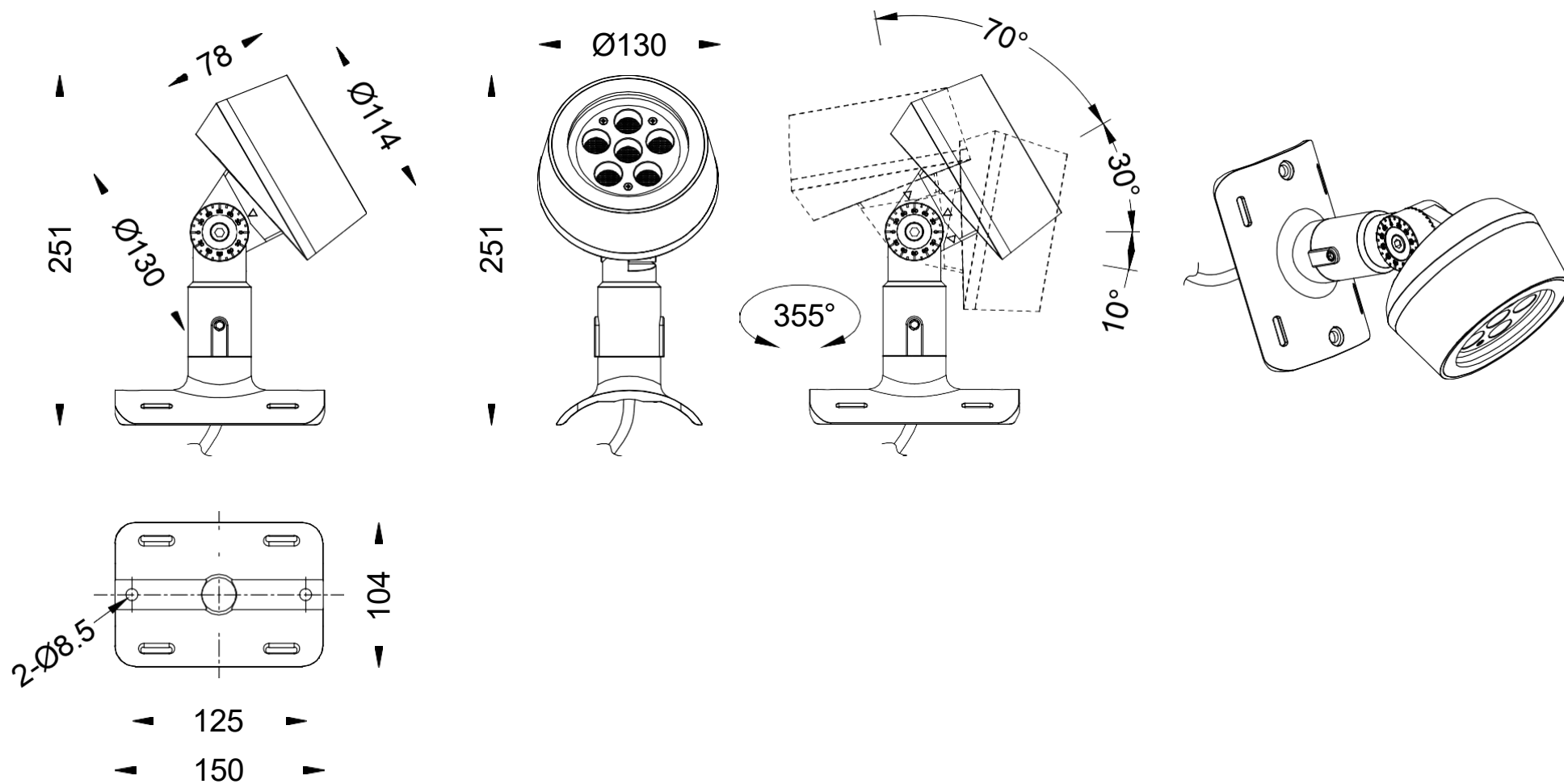




Dimensions for Architectural and landscape light with extended pole& spike (Units:mm)



Dimensions for Architectural and landscape light with pole bracket base(fixed by screws) (Units:mm)



Dimensions for Architectural and landscape light with extended pole & round base (fixed by screws) (Units:mm)

