Kona XS – Straightforward and compact

The small, sophisticated tool for outdoor lighting
Not every outdoor lighting project requires a powerhouse approach – especially when used in frequently populated urban areas, in parks or around buildings. Kona XS is the smallest outdoor projector in the ERCO range, with a lighting technology reduced to what is essential – brilliant light of the familiar superb quality provided by Spherolit LED lens systems, with a huge range of distribution options. This enables precise and efficient lighting concepts without detracting from the magic of the night. Kona XS adopts the modern, tapered housing design of its larger cousins in the Kona range, with a smooth yet robust aluminium housing designed for easy installation and maintenance.

Structure and characteristics
The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

1 ERCO Spherolit lens
- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood or wallwash

2 ERCO LED-module
- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

3 Luminaire head and housing
- Graphit m
- Corrosion-resistant aluminium, no-rinse surface treated
- Double powder-coated
- Optimised surface for reduced accumulation of dirt
- Anti-glare cone: polymer, black lacquered
- Non-reflective safety glass

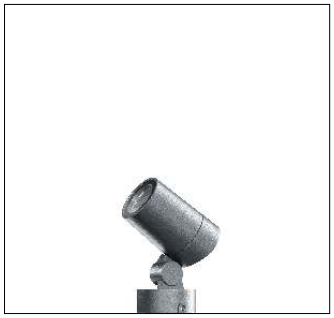
4 Control gear
- Switchable

Protection mode IP65
Dust-tight and water jet-proof

Variants on request
- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
- Housing: 10,000 further colours

Please contact your ERCO consultant.

Design and application:
www.erco.com/kona-xs



Small luminaire dimensions
Small luminaires are discreet and place the focus on the light itself. Small luminaire dimensions are particularly advantageous in compact room situations.

Special characteristics

Small luminaire dimensions

ERCO high-power LEDs

Efficient Spherolit technology

Different light distributions

Different light colours

Excellent thermal management

EMC-optimised

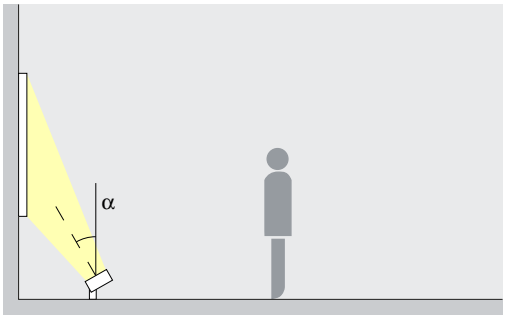
Pivotable through 130°

IP65 Protection mode IP65

Switchable

Kona XS Projectors, floodlights, wallwashers – Luminaire arrangement

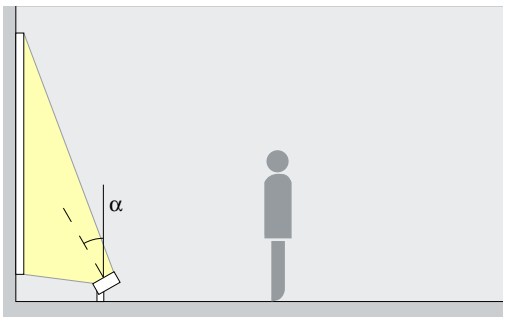
Projectors
Narrow spot, Spot, Flood



Accentuation
The ideal angle of tilt (y) for accent lighting with Kona XS projectors is around 30°. This emphasises the three-dimensionality of architectural details, sculptures or trees, without distorting the spatial impression with excessive shadowing.

Arrangement: α = 30°

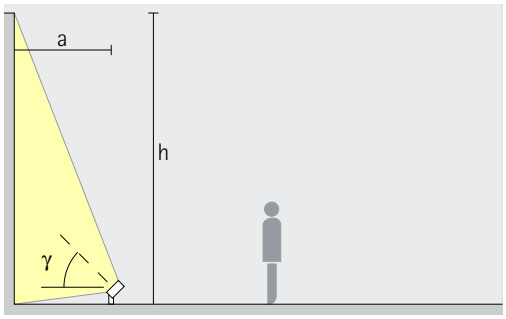
Floodlights
Wide flood, Extra wide flood



Washlighting
Kona XS projectors ensure uniform floodlighting of walls surfaces or trees. The ideal angle of tilt (α) for this is around 30°.

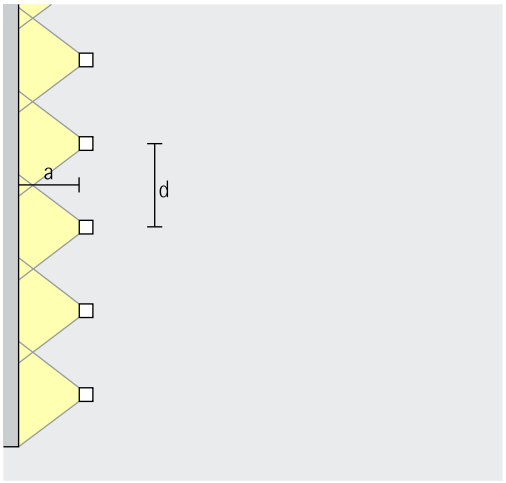
Arrangement: α = 30°

Lens wallwashers
Wallwash



Wallwashing
Uniform vertical illuminance in the outdoor area defines spatial borders. Here, the distance (a) of Kona XS lens wallwashers from the wall should be around one third of the room height (h). This results in an angle of tilt (a) of approx. 55°.

Arrangement: a = 1/3 x h bzw. γ = 55°



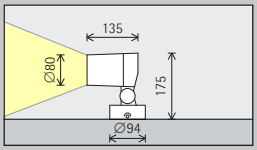
For good longitudinal uniformity, the spacing (d) of Kona XS lens wallwashers may be up to 1.2 times the offset from the wall (a).

Arrangement: d ≤ 1.2 x a

Optimal wall offset and luminaire spacing values are indicated in the wallwasher tables on the product data sheets.

Kona XS Projectors, floodlights, wallwasher

Construction size



∅ 80mm

LED module
Maximum value
at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)

Light colour

2700K CRI 92 *	3500K CRI 92 *
3000K CRI 92	4000K CRI 82
3000K CRI 97 *	4000K CRI 92 *

Light distribution

Projectors	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Lens wallwashers
	Wallwash

Control

Switchable

Colour (housing)

Graphit m
10,000 colours *

Accessories

Ground spike
Mounting plate

* available on request

Article numbers and planning data:
www.erco.com/016064

Design and application:
www.erco.com/kona-xs