

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 aluminum housing designed for easy installation and maintenance.



ERCO

Technical region: 120V/60Hz, 277V/
60Hz
We reserve the right to make technical
and design changes.

Edition: 09.05.2022
Current version under
www.erco.com/kona-xs



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 LEDs: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

3 Luminaire head and housing

- Graphit m
- Corrosion-resistant aluminum, no-rinse surface treated
- Double powder-coated
- Optimized surface for reduced accumulation of dirt
- Anti-glare cone: polymer, black lacquered
- Non-reflective safety glass

4 Control gear

- Switchable

Suitable for wet locations (IP65)

Dust-proof and water jet-proof

Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
 - Housing: 10,000 further colors
- Please contact your ERCO consultant.



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

Kona XS Projectors, floodlights, wallwashers



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



Excellent thermal management



Switchable



Efficient Spherolit technology



EMC-optimized



Different light distributions



Pivotable through 130°



Different light colors

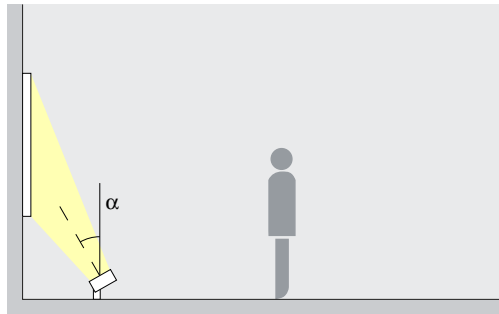


Wet location

Kona XS Projectors, floodlights, wallwashers – Luminaire arrangement

Projectors

Narrow spot, Spot, Flood



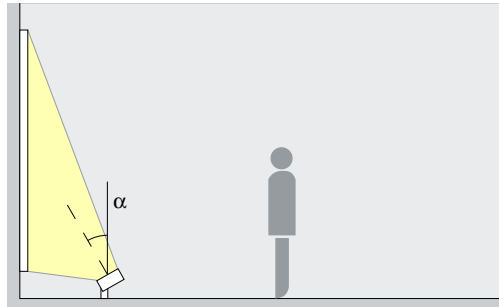
Accentuation

The ideal angle of tilt (γ) for accent lighting with Kona XS projectors is around 30° . 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



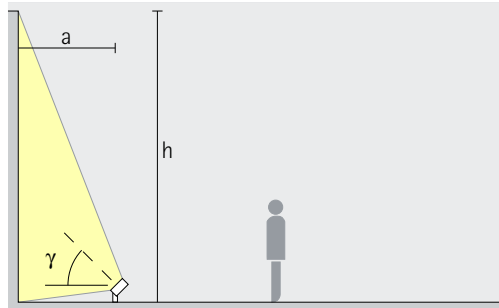
Washlighting

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

Arrangement: $\alpha = 30^\circ$

Lens wallwashers

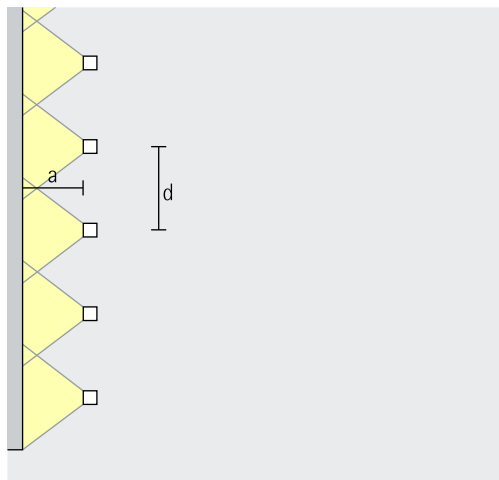
Wallwash



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 (γ) of approx. 55° .

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



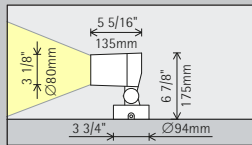
For good longitudinal uniformity, the spacing (d) of Kona XS lens wallwashers may be up to 1.2 times the offset from the wall (a).

Arrangement: $d \leq 1.2 \times a$

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



Ø 3 1/8"

LED module Maximum value at 4000K CRI 82

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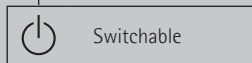
Light color

	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

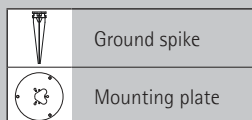


Switchable

Color (housing)



Accessories



Ground spike

Mounting plate



* available on request

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

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



