

Solar Powered Outdoor Bollard  
Automatic Operation

lix spike solar join	color	item no.	system performance	
	<b>anthracite</b> RAL 7016	93093-AN-JO	<b>1.1 W/65 lm</b> 1x lix spike solar join	<b>4.4 W/260 lm</b> 4x lix spike solar join
	<b>cool brown</b> 	93093-CB-JO	<b>1.1 W/65 lm</b> 1x lix spike solar join	<b>4.4 W/260 lm</b> 4x lix spike solar join
	<b>deep black</b> RAL 9005	93093-BL-JO	<b>1.1 W/65 lm</b> 1x lix spike solar join	<b>4.4 W/260 lm</b> 4x lix spike solar join

requires solar join system see page 2

**technical information:**

LED  
lithium-ion solar rechargeable battery  
1x 2600 mAh  
2700K

**operating time:**

automatic switch-on at dusk  
for a duration of approx. 5 hrs

**solar join connection:**

5.9 ft supply cable (H05RN8-F 2x0.03"²)  
including solar join plug

movable

**material:**

luminaire: aluminum die-casting  
powder-coated  
+ polycarbonate matte  
solar panel: head: aluminium-diecasting  
powder-coated;  
pole: stainless steel powdercoated;  
clear glass

**protection class:**

IP65



**light direction:**



Auto mode, automatically turns on at dusk  
and turns off 5 hours later

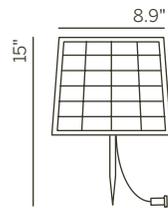
IP44.DE solar join offers very different solar luminaires with piek mini solar, reed solar and lix spike solar. They can be used in any combination with IP44.DE solar join.



IP44.DE solar join stores daytime light for nighttime hours. The system comes on automatically at twilight and goes off again at the latest five hours later. This also means our luminaire cluster never sheds more light than the amount of solar energy previously collected and stored. During the darker seasons, when the sun is low and after bad weather, the burn time is naturally less. But it is restored to full strength when the sun is higher in the sky and when there are more hours of sunshine.

### required accessory

#### solar panel L



#### solar panel

lithium-ion battery  
4x 2600 mAh  
3.3 ft supply cable (H05RN8-F 2x0.03"²)  
including solar join plug)  
protection class: IP65

**powers up to any 4 solar join fixtures**

#### color

 **anthracite**  
RAL 7016

#### item no.

53110-AN

 **cool brown**

53110-CB

 **deep black**  
RAL 9005

53110-BL

### optional accessory



#### extension cable

**solar join plug on solar join socket**  
cable: H05RN8-F 2xc  
protection class: IP68

6.6 ft

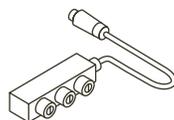
53102

13.1 ft

53104

26.2 ft

53108



#### junction

**1x solar join plug; 2x/3x/4x solar join socket**  
cable: H05RN8-F 2x0.03"²  
protection class: IP68

**port 2**

53122

**port 3**

53123

**port 4**

53124



**T port 1x solar join plug; 2x solar join socket; cable: 05RN8-F 2x0.03"²**

53125