

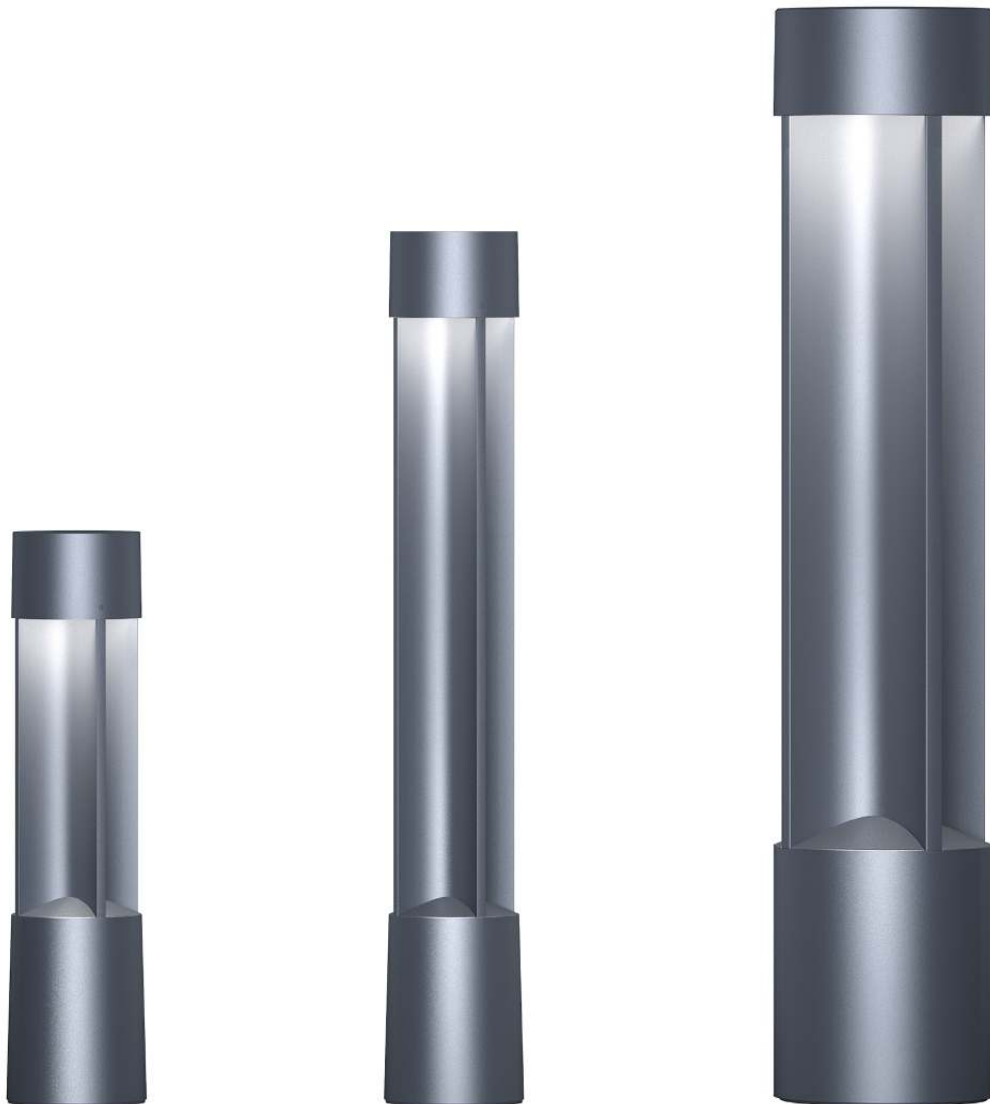
Midipoll – See and be seen

Subtle grazing light on the striking, cross-shaped profile transforms Midipoll into a space defining element

With Midipoll, ERCO presents a bollard luminaire in the context of efficient visual comfort. Its innovative photometrics with special prismatic lens effectively project the luminous flux onto the target surface – without causing glare, therefore fulfilling dark sky requirements. The night can emerge and the stars are visible.

During this time, the grazing light on the luminaire creates a subtle eye-catcher and ensures orientation on squares and paths. During the day, Midipoll acts as an elegant column with a profile formed of four parabolas. The sum of these

properties confirms that this is where the future of outdoor lighting is to be found.



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 LED-module

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

2 Cylindrical light head

- Corrosion-resistant cast aluminum, No-Rinse surface treatment
- Graphit m, double powder-coated
- Lower prism lens or Softec lens

3 Cross-shaped aluminum profile

- Graphit m
- Corrosion-resistant, No-rinse surface treatment
- Double powder-coated

4 Cylindrical housing

- Corrosion-resistant cast aluminum, No-Rinse surface treatment
- Graphit m, double powder-coated
- Optimized surface for reduced accumulation of dirt
- Mounting accessories to be ordered separately

5 Control gear

- Switchable or trailing edge dimmable
- Trailing edge dimmable version:**
- Operation at 120V: Dimming with external dimmers possible
- Operation at 277V: 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.

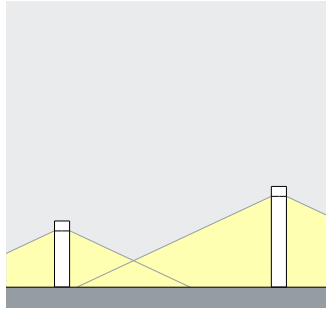


Design and application:
www.erco.com/midipoll

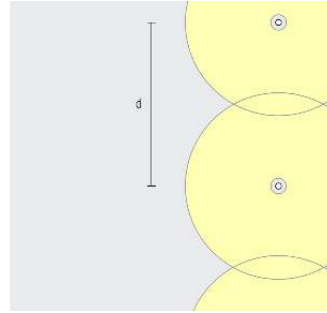
Midipoll Bollard luminaires



Highly efficient lighting technology
The lens system made of high quality optical polymers is characterized by very high efficiency.



Various construction sizes
The luminaires in the ERCO product range cover a wide variety of lumen categories and therefore offer an appropriate solution for a large number of lighting tasks.



Large luminaire spacing for open area lighting
For floor washlights with wide radial light distribution, luminaire spacing (d) of up to 33 feet (10m) are possible. Even larger spacing can be selected to support visual guidance.

| Special characteristics | |
|-------------------------|-------------------------------------|
| | High-efficiency lighting technology |
| | Various construction sizes |
| | Large luminaire spacing possible |



ERCO high-power LEDs



Dark Sky technology



Different light colors



Excellent thermal management



EMC-optimized



Wet location



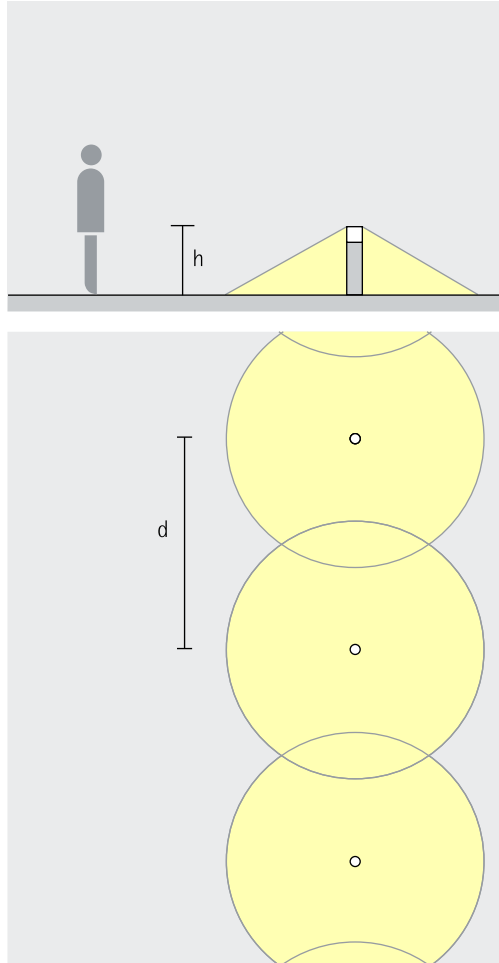
Switchable



Trailing edge dimmable

Midipoll Bollard luminaires – Luminaire arrangement

Floor washlights



Washlighting

The 360° light emission of Midipoll bollard luminaires lends itself to the uniform illumination of squares and open areas.

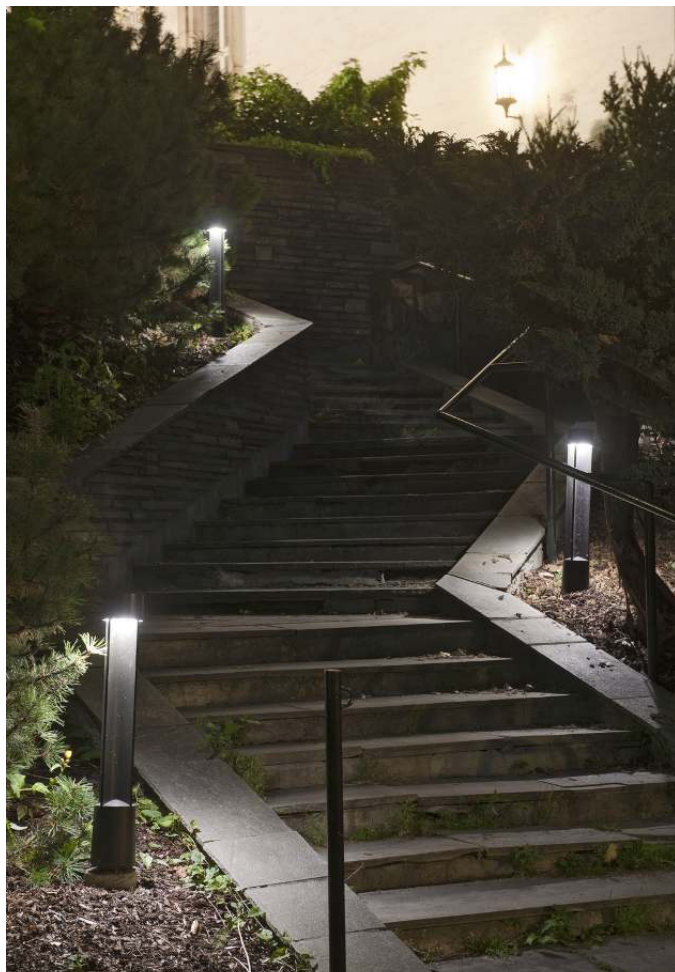
The spacing (d) between two luminaires may be up to 32ft. The luminaires may be spaced apart even further for visual guidance.

Arrangement: $d \leq 32\text{ft}$



Craigavon Paediatric Center, Belfast. Architecture: Todd Architects, Belfast. Lighting design: Arup Lighting, London. Photography: Gavriil Papadiotis, London.

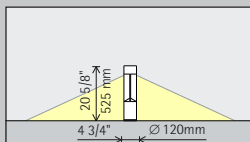
J.H. Abrahams Reserve, Perth. Lighting design: Lighting Options Australia, Perth. Photography: Matt Devlin, Perth.



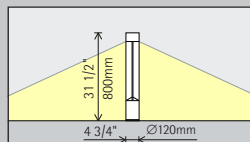
Bærum Rådhus, Sandvika. Lighting design: Linda Knoph Vigsnaes, Hvalstad. Photography: Thomas Mayer, Neuss.

Midipoll Bollard luminaires

Construction size 20 5/8"



31 1/2"



LED module
Maximum value
at 4000K CRI 82

8W/1100lm

8W/1100lm

Light color

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

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

Light distribution

Floor washlights

Radial beam

Floor washlights

Radial beam

Control

Switchable

Switchable

Color (housing)

Graphit m

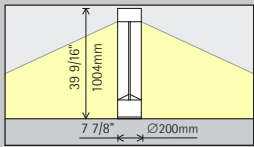
10,000 colors *

Graphit m

10,000 colors *







Accessories

| | | | |
|--|-----------------|--|----------------|
| | Ground socket | | Mounting plate |
| | Concrete anchor | | |





39 9/16"


24W/3300lm


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

Floor washlights

 Radial beam

 Trailing edge dimmable

 Graphit m

 10,000 colors *

* available on request

Article numbers and planning data:
www.erco.com/013007-us

Design and application:
www.erco.com/midipoll



