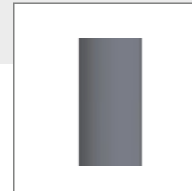
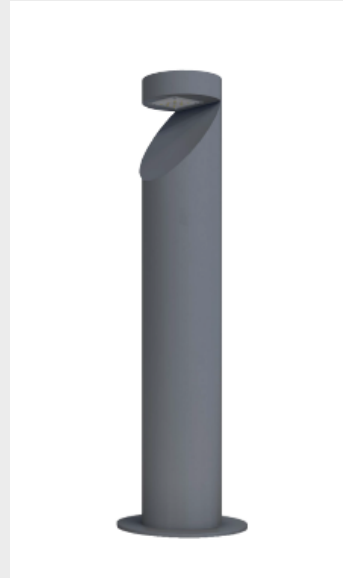


ALES

Outdoor type
LED Bollard Lighting



A simple and structural accent for modern exteriors. ALES Outdoor LED bollard provides soft atmospheric lighting to accentuate outdoor spaces and offer guidance along pathways.

Made of aluminum, this cylindrical fixture extends straight upward to allow its light to spill outward. This bollard is an iconic gothic design in a modern reinterpretation to LED sources with outstanding performance, designed to guarantee an high visual comfort, glare-free lighting with no light pollution.

Key Advantages

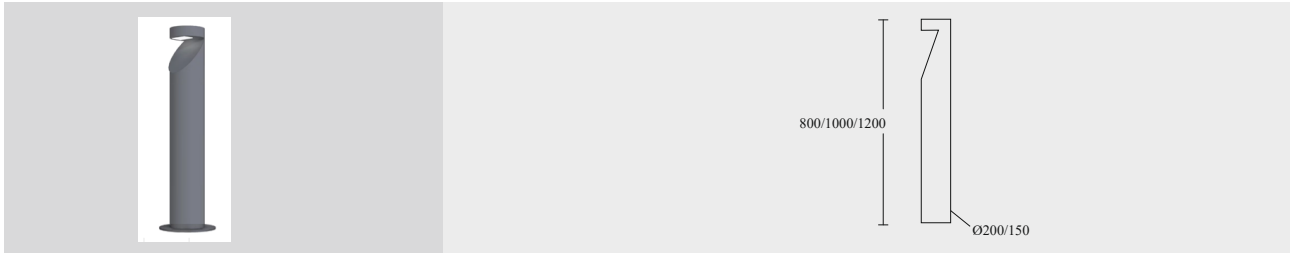
- Simple and structural for modern designs
- Economic and efficient
- Easy installation
- High performance LED
- High corrosion resistance

Characteristics

Aluminum Body
High efficiency LED lighting
Electrostatic powder paint
High quality silicone gasket
Galvanized metal anchorage
LED with Life Span > 100.000 Hours
CCT tolerance within a 3 step MacAdams ellipse
Corrosion Protection
5 Years Warranty
Marine Coating (Optional)
ENEC Certified Driver

Applications





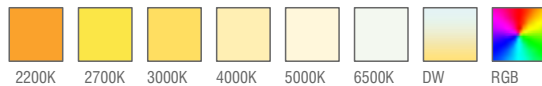
Standard Product

Input	100-305V / AC 50-65Hz
Control	On / Off
Optic	Symmetrical
Light Color	4000K
Body Color	9006
CRI	>82
Protection	IP66
Impact Resistance	IK09
Protection class IEC	Class I
Power factor (min.)	0,092
Weight	- kg
Ambient Temperature	-30°C / +60°C

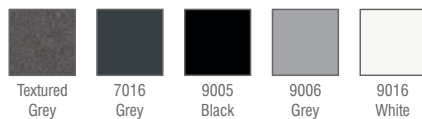
Available Options

Input	24V / DC
Control	RGB, DALI, DIM, DMX
Optic	8°, 15°, 30°, 50°, 60°, 70°, 90°, 120°, Asymmetrical
Light Color	2200K, 2700K, 3000K, 5000K, 6500K
Body Color	Optional RAL colors
CRI	>90
Protection	IP67-IP68
Impact Resistance	IK10
Warranty	7-10 Years

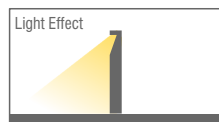
Light Colors



Body Colors Options



Beam Angle Options



Optional Accessories



IP67
Junction
Box

Ordering Details

Product Code	Power	Light Color	High	Diameter	Lumen
ALES150.12.800.AC.N.4.SYM.9006	12W	4000K	800mm	150	1050
ALES200.12.800.AC.N.4.SYM.9006	12W	4000K	800mm	200	1050
ALES150.15.800.AC.N.4.SYM.9006	15W	4000K	800mm	150	1312
ALES200.15.800.AC.N.4.SYM.9006	15W	4000K	800mm	200	1312
ALES150.20.800.AC.N.4.SYM.9006	20W	4000K	800mm	150	1750
ALES200.20.800.AC.N.4.SYM.9006	20W	4000K	800mm	200	1750
ALES150.25.1000.AC.N.4.SYM.9006	25W	4000K	1000mm	150	2187
ALES200.25.1000.AC.N.4.SYM.9006	25W	4000K	1000mm	200	2187
ALES150.30.1000.AC.N.4.SYM.9006	30W	4000K	1000mm	150	2625
ALES200.30.1000.AC.N.4.SYM.9006	30W	4000K	1000mm	200	2625
ALES150.25.1200.AC.N.4.SYM.9006	25W	4000K	1200mm	150	2187
ALES200.25.1200.AC.N.4.SYM.9006	25W	4000K	1200mm	200	2187
ALES150.30.1200.AC.N.4.SYM.9006	30W	4000K	1200mm	150	2625
ALES200.30.1200.AC.N.4.SYM.9006	30W	4000K	1200mm	200	2625



Product Coding

Product Name	Product Power	Input	Control System	Color Temperature	Light Beam	Body Color
XX	XX	AC DC	on/off 1-10V PUSH TRAC DALI	3K 4K 6.5K	XX	XX
XX	XX	AC DC	N V P T D	3 4 6	XX	XX