Leon 3 Acrylic Bollard
fixed & adjustable



EMFA

LEON 3 ACRYLIC LED BOLLARD
Class I IP65

Available in any of these RAL colors

7004 7016 9005 9016 6002 1015

EMFA's Leon Bollard combines a die-cast aluminium head housing an LED unit with an extrusion stainless steel pipe. The bollard is designed to light pathways, landscapes and open spaces. The Leon bollard gives light only in the downward direction. This avoids any kind of glare and light pollution. The head and pipe are connected by a hidden screw within the pipe. The head contains LEDs that can be powered up to 6W. An optional aluminium anchorage kit is available for mounting into concrete. An alternative option is sleave anchors for mounting onto existing concrete or a picket to mount into the earth.



Head
Die cast aluminium
Diffusers
Frosted polyamide 6.6
Pipe
316L Stainless Steel
Paint
Electrostatic powder

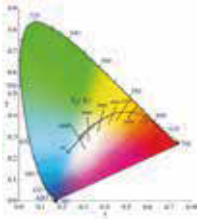
Fixed



Adjustable







"Customization" is EMFA's standard
EMFA offers many combinations for each fixture, as all fixtures are made in house. A combination of 3 standard paint colors, 2 LED colors, and 2 wattages, are available to make the fixture suitable for the required application. This is done without increasing lead-time and is available for large as well as small quantities.



LEDs
Only highest quality LEDs such as Cree or Toplite are used in production allowing for maximum lumen output and maximum lifetime. Most LEDs run on 350mA or 700mA depending on how much light output is required. The white color temperature binning is 200K at most, and always on the same x,y coordinates on the CIE diagram in accordance with Energy Star. This ensures consistent supply of the same color temperatture over time. As LEDs are constantly developing and becoming more efficient, lumen output given in this catalogue are current as of March 2020. At 2700K, 3000K, and 4000K LED lumen output per led is 110lm; at 6000K the lumen output per led is 125lm. Total Lighting Output as printed in this catalogue is the actual light output of the entire fixture. The minimum CRI of the LEDs used is 85 with a majority of products over 90.

Thermal Management
All fixtures are designed to withstand ambient temperatures of at least 50˚C. The LEDs are mounted on metal core pcbs, which are mounted the aluminium body of the fixture so that the entire fixture acts as a heat sink. Extensive testing is performed in EMFA's laboratory to ensure these values are maintained so that the lifetime of the LED is not compromised.

LEON 3

LED ACRYLIC BOLLARD
Fixed & Adjustable
Class I IP65

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Head
Die Cast Aluminium
Diffusers
Frosted polyamide 6.6
Pipe
316L Stainless Steel
Paint
Electrostatic powder

Fixed



Adjustable



CIRCULAR LED

Led : Circular LEDs (6W or 12W)
Voltage : 12-24V External Driver
(12-24 VDC on request)
CRI : >80

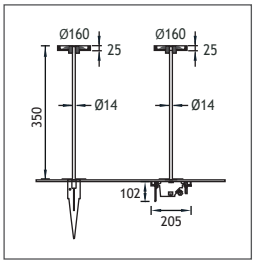
350mm

Fixed



Adjustable





Power	Kelvin	Real Lumen Output	Code No Fixed	Code No Adjustable
6W	2700 K	570 lm	275003	275103
6W	3000 K	570 lm	275001	275101
6W	4000 K	581 lm	275002	275102

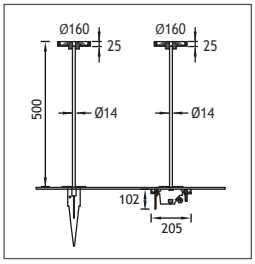
500mm

Fixed



Adjustable





Power	Kelvin	Real Lumen Output	Code No Fixed	Code No Adjustable
6W	2700 K	570 lm	276003	276103
6W	3000 K	570 lm	276001	276101
6W	4000 K	581 lm	276002	276102

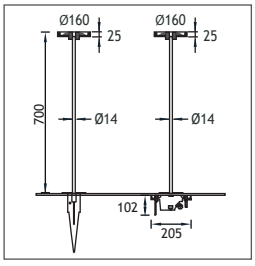
700mm

Fixed

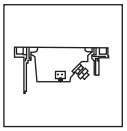


Adjustable





Power	Kelvin	Real Lumen Output	Code No Fixed	Code No Adjustable
6W	2700 K	570 lm	277003	277103
6W	3000 K	570 lm	277001	277101
6W	4000 K	581 lm	277002	277102





For LEON 3

Recessing Tube
Internal Driver
Code No: 953641

Picket
External Driver
Code No: 953642

EMFA

