

BOTANIC Bollard Series



OUTDOOR SERIES



PRODUCT OVERVIEW

The **AL TSA BOTANIC SERIES** provides cost-effective indirect lighting specifically designed for decorative lighting solutions. Which is Ideal for general area lighting, parks and gardens, where energy saving, low maintenance and longevity are important factors. The Luminaire is Offered in two different series A Post Light & B Bollard Series. Featured with Vandal and tamper proof fixings. Manufactured with Die Casting Extruded Aluminium Alloy With class leading performance of up to >140lm/W, it ensures energy savings of up to 60% over similar luminaires.

Quality comes standard...



Hours
LIFESPAN



IP65
OUTDOOR



Low
MAINTENANCE



Year
WARRANTY



Product
CERTIFICATION

APPLICATIONS

Hospitals, Medical Facilities

Parking Areas

Parks & Gardens

Walkways

Schools/Universities

Commercial Spaces

FEATURES

Symmetrical Light Distribution

Vandal & Tamper Proof

Asymmetrical Light Distribution

IP65 Ingress Protection

L90 B10 Rating

Energy Efficient

5-Year Warranty

Anti UV Lens

CONSTRUCTION

Die Casting Aluminium Body

Electrostatic Coating

Silver/Black Housing Finish

Polycarbonate

BOTANIC BOLLARD SERIES

TECHNICAL DATA

SPECIFICATIONS

Rated Voltage (V):	AC220-240VAC	Luminaire Efficacy(lm/W):	100(lm/W)
Frequency (Hz):	50/60Hz		140(lm/W)
Power Consumption(W) - A Series:	30W 40W 50W 60W	Unified Glare Index(UGR):	UGR22 (Standard)
Total Luminous Flux (lm) - A Series:	4132 lm 5201 lm 6236 lm 7114 lm		
Correlated color Temp (CCT):	2700K - 3000K - 4000K - 5000K - 6500K	L&B Rating:	L90 B10 50 000hrs
Power Consumption(W) - B Series:	Single 6-12W Double 12-24W		L70 B10 100 000hrs
Surge Protection:	10kA/20kA	Ingress Resistance(IK):	IK08 - A Series
Colour Rendering (CRI):	80/90		IK06 - B Series
Total Harmonic Distortions (THD):	<15%	SDCM:	5
Power Factor (PF):	>0.95	Ingress Protection(IP):	IP65
Electrical Class:	Class I	Beam Angle:	120° 70x150°
Operating Temp:	-30 ~ + 55°C	Lifespan:	50 000hrs
Driver Type - IP67 Compartment:	Meanwell/Sosen/Phillips	Mounting Options:	PLYNTH Mount
LED Type:	Lumileds 3030 - SMD	Entry & Output Cable:	Bottom /20cm(Standard)

MATERIAL STRUCTURE

Housing Body:	Die Casting Extruded Aluminium - ADC12	Housing Colour:	Silver White Black
	Anodized Powder Coating	Clips & Screws:	Stainless Steel
Lens Features:	Clear - Anti-Glare Prism - Anti UV	Lens Diffuser:	Polycarbonate(PC)

OPTIONAL FEATURES

Dimmable Options:	DALI-Dimmable	0-10V
Sensor Options:	Photocell	
Emergency Options:	20% Back-up Power(Integrated)	
Certifications	RoHS/IEC/SANS	

ANTI Corrosion Table

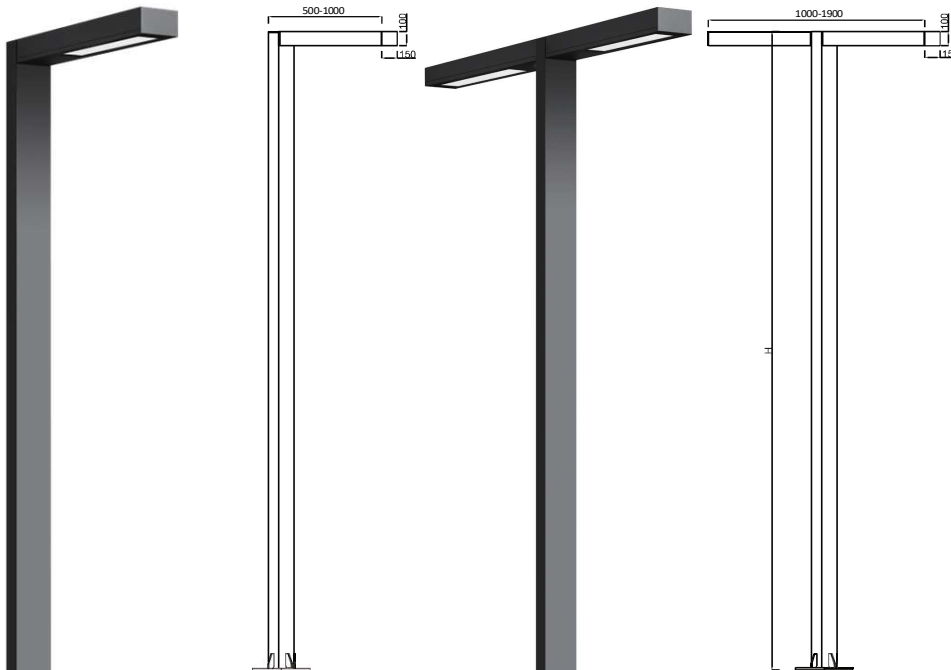
CATEGORY	CORROSIVITY		
C1	Very Low	Heated Buildings	Dry or cold with very low pollution
C2	Low	Low levels of pollution	Temperate low pollution
C3	Medium	Urban & Industrial Moderate pollution	High/Moderate pollution
C4	High	Coastal & Industrial Moderate pollution	High/Moderate pollution
C5-I	Very High	High humidity & Industrial	Agressive Atmosphere
C5-M	Very High	Coastal & Offshore areas	Marine areas With high salinity

BOTANIC BOLLARD SERIES

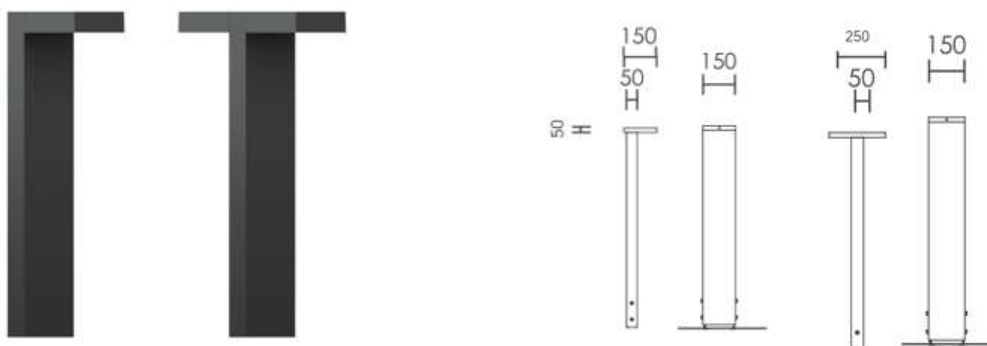
ORDERING INFORMATION

XXX	XXX	XXXX	XXX	XXX	XXX	XXX	XXX	X
Product Family	Product ID	Size	Power	Efficacy	Driver Type	Control	CRI	Glare Rate
Bollard (BOL)	Bontanic Bollard A SERIES B SERIES	1mx100x150 A(511) 1.9mx100x150 A(191) 150x50x150 B(151) 250x50x150 B(255)	30W (0030) 40W (0040) 50W (0050) 60W (0060) 6W (0006) 12W (0012) 12W (0012) 24W (0024)	4132lm (413) 5201lm (520) 6236lm (623) 7114lm (711) 100lm/W (100) 130lm/W (130)	Meanwell (MNW) Sosen (SOS) Phillips (PHI)	Standard (STD) Emergency (EMG) 0-10V (DIM) DALI (DAL) Photocell (PHO)	80 (8) 90 (9)	22 (22) 19 (19)

DIMENSIONS



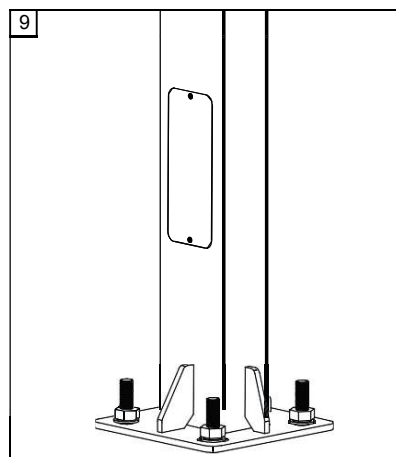
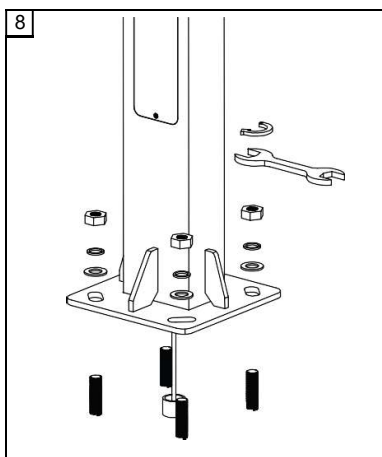
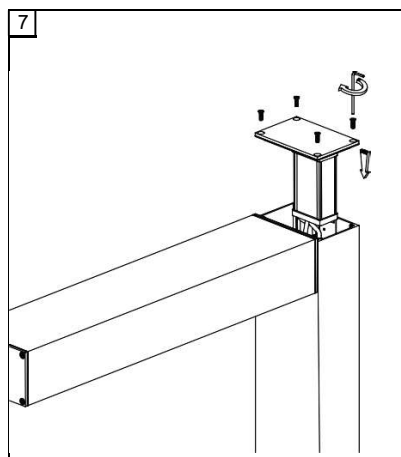
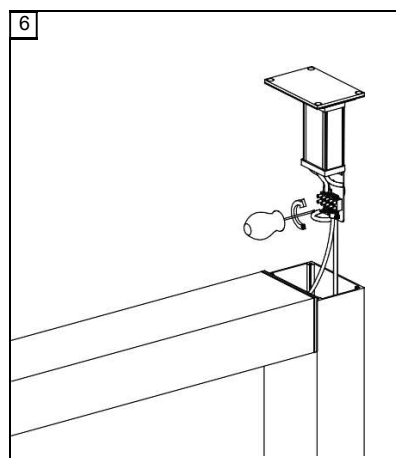
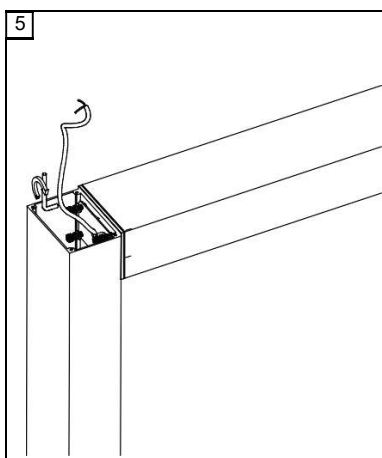
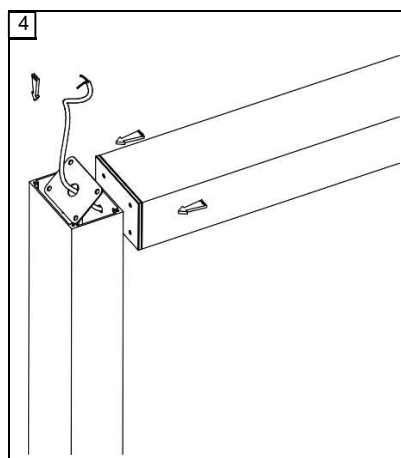
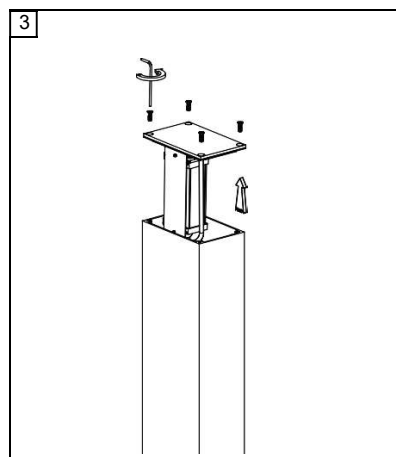
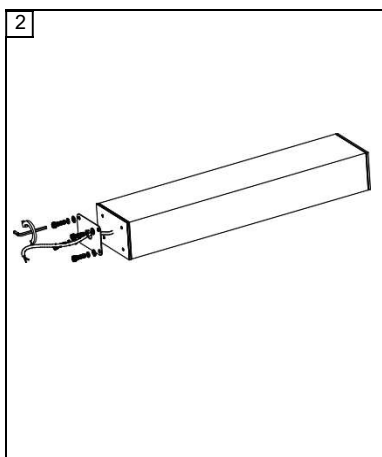
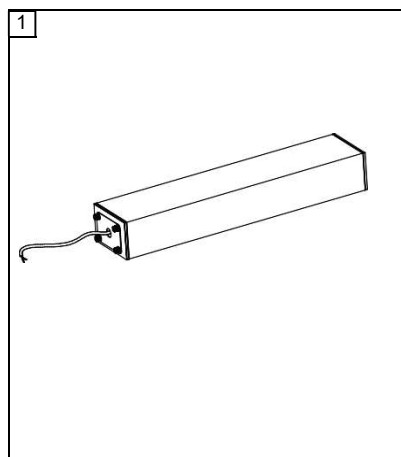
A Series
Post Light



B Series
Bollard

BOTANIC BOLLARD SERIES

INSTALLATION



BOTANIC BOLLARD SERIES

PHOTOMETRICS

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

