

# ATHOS Post Top



## OUTDOOR SERIES



## PRODUCT OVERVIEW

The **AL TSA LED Post Top** provides cost-effective indirect lighting specifically designed for decorative lighting solutions. Ideal for general area lighting, parks and gardens, where energy saving, low maintenance and longevity are important factors.

With class leading performance of up to >130lm/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

DALI Dimmable

Vandal & Tamper Proof

Motion Sensor

Anti Corrosion Optional

L90 B10 Rating

Energy Efficient

5-Year Warranty

Low Glare Rate

### CONSTRUCTION

Die Casting Aluminium Body

Electrostatic Coating

Black/Grey Housing Finish

Polycarbonate

## Athos Post Top

### TECHNICAL DATA

#### SPECIFICATIONS

Rated Voltage (V):	AC100-277VAC				Luminaire Efficacy(lm/W):		120(lm/W) - 130(lm/W)
Frequency (Hz):	50/60Hz				Unified Glare Index(UGR):		UGR22 (Standard)
Power Consumption (W):	25W	30W	40W	60W	90W	120W	150W
Total Luminous Flux (lm):	3150lm	3600lm	4800lm	7200lm	9900lm	13200lm	16500lm
Correlated color Temp (CCT):	3000K - 4000K - 5000K - 6500K				L&B Rating:		L90 B10 50 000hrs
Colour Rendering (CRI):	70   (80/90-Optional)						L70 B10 100 000hrs
Total Harmonic Distortions (THD):	<15%				Ingress Resistance(IK):		IK08
Power Factor (PF):	>0.95				Ingress Protection(IP):		IP65
Electrical Class:	Class I				Beam Angle:		120°   360°
Operating Temp:	-40 ~ + 50°C				Lifespan:		50 000hrs
Surge Protection:	10KV				Mounting Options:		Pole Mount
Driver Type & Efficiency:	Sosen   >93%				Features:		Milky Cover
LED Type:	CREE JK 3030 - SMD						Photocell
Thermal Conductivity:	Side / 20cm (Standard)				SDCM:		<6

#### MATERIAL STRUCTURE

ALL ACCESSORIES & SCREWS ARE POWDER COATED OR ANODIZED

Housing Body:	Die Casting Aluminium - ADC12	Housing Colour:	Black/Grey
	Anti-Aging Electrostatic Coating	Clips:	Stainless Steel
Lens Features:	Clear - Anti-Glare Prism - Anti UV	Lens Diffuser:	Polycarbonate(PC)

#### OPTIONAL FEATURES

Dimmable Options:	DALI-Dimmable	0-10V	Zigbee
Sensor Options:	Photocell	PWM	Microwave
Emergency Options:	20% Back-up Power(Integrated)		
Certifications	RoHs/IEC-60598/SANS	Two Way Connector Blocks: Optional	

### 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

## Athos Post Top

### ORDERING INFORMATION

XXX	XXX	XXXX	XXX	XXX	XXX	XXX	XXX	X
Product Family	Product ID	Size	Power	Efficacy	Driver Type	Control	CRI	Glare Rate
Post Top (POT)	Athos Post Top APT/E SERIES	D400xH456 (445) 5,1kg	25W (0025) 30W (0030) 40W (0040) 60W (0060) 90W (0090)	120lm/W (120) 125lm/W (125) 130lm/W (130)	Sosen (SOS)	Standard (STD) Emergency (EMG) 0-10V (DIM) DALI (DAL) Zigbee (ZIG) Photocell (PHO) PWM(PWM) Microwave(MIC)	70 (7) 80 (8) 90 (9)	22 (22) 19 (19)
	APT/D SERIES	D446x456 (446) 6,5kg	120W (0120) 150W (0150)					

### PRODUCT SPECIFICATIONS

Model	Watt	Voltage	Lumen	CRI	IP	Dimension
APT/30/E	30W	100~277V	3600LM	>70(80)	IP65	D400*H456MM
APT/40/E	40W	100~277V	4800LM	>70(80)	IP65	D400*H456MM
APT/60/E	60W	100~277V	7200LM	>70(80)	IP65	D400*H456MM
APT/90/D	90W	100~277V	9900LM	>70(80)	IP65	D400*H456MM
APT/120/D	120W	100~277V	13200LM	>70(80)	IP65	D446*H456MM
APT/150D	150W	100~277V	16500LM	>70(80)	IP65	D446*H456MM

