

LED Wallpack Series



OUTDOOR SERIES



PRODUCT OVERVIEW

The **AL TSA Outdoor Wallpack** lights replaces traditional HID bulkheads while consuming up to 80% less energy and operating for up to 50,000 hours. Powered by high performance, energy-efficient LED chip sets. The **AL TSA Outdoor Wallpack** produces bright and long-lasting illuminations. It also reduces shadowing and creates a safer night-time environment while saving energy and maintenance costs.

Quality comes standard...



Hours
LIFESPAN



IP65
OUTDOOR



Low
MAINTENANCE



Year
WARRANTY



Product
CERTIFICATION

APPLICATIONS	CONSTRUCTION DETAILS
Industrial Areas	Aluminium
Commercial Areas	Polycarbonate Lens
Parking Spaces	IK08 Impact Resistance
Outdoor Walls	Clear Lens
FEATURES	
High Reliability LED chip sets	Temperature: -20°C ~ 40°C
High Reliability Power Supplies	Certified: RoHs, CE
Lifetime 50,000hrs	Easy Installation
5 Year Warranty	Power Factor >0.90
Colour Rendering Index >80/70	Environmentally Friendly

Wallpacks - Type A

TECHNICAL DATA

SPECIFICATIONS

Rated Voltage (V):	AC100-277V	Luminaire Efficacy(lm/W):	130(lm/W)
Frequency (Hz):	50/60Hz	Unified Glare Index(UGR):	UGR22 (Standard)
Power Consumption (W):	50W, 60W, 80W, 100W, 120W	L&B Rating:	L80 B10
		Ingress Protection(IP):	IP65
Colour Rendering (CRI):	70Ra/80Ra	Beam Angle:	90°
Correlated colour Temp (CCT):	3000K - 3500K - 4000K - 5000K	Lifespan:	50 000hrs
Total Harmonic Distortions (THD):	<15%	Mounting Options:	Surface
Power Factor (PF):	>0.90		
Operating Temp:	95%Rh / -20°C ~ +40°C	Entry & Output Cable:	Side / 20cm (Standard)
Driver Type:	Standard	Electrical Class:	Class I
LED:	SMD 2835		

MATERIAL STRUCTURE

Housing Body:	ADC12 Aluminium	Housing Colour:	Black
Lens Diffuser:	Polycarbonate(PC)	Lens:	Clear

OPTIONAL FEATURES

Sensor Options:	Microwave Motion(External or Built in)		
Dimming Options:	0/1-10V Dimming	Photo Electric	DALI Dim
Emergency Options:	20% @ 1.5 Hours		
Certifications	RoHs/IEC/SANS		

ORDERING INFORMATION

XXX	XXX	XXXX	XXX	XXX	XXX	XXX	XXX
Product Family	Product ID	Size & Weight	Power	Efficacy	Driver Type	Control	CRI
Wall Light (WL)	Wallpack Type A (WPA)	316*152*175mm (311) 2.2kg	50W (50) 60W (60) 80W (80) 100W (100) 120W (120)	130lm/W (130)	Standard (STD)	Standard (STD) Emergency (EMG) Microwave (MIC) 0/1-10V (DIM) DALI (DAL) Photo-Electric (PHE)	70 (7) 80 (8)



Wallpacks - Type B

TECHNICAL DATA

SPECIFICATIONS

Rated Voltage (V):	AC100-277V	Luminaire Efficacy(lm/W):	130(lm/W)
Frequency (Hz):	50/60Hz	Unified Glare Index(UGR):	UGR22 (Standard)
Power Consumption (W):	18W, 25W, 30W	L&B Rating:	L80 B10
		Ingress Protection(IP):	IP65
Colour Rendering (CRI):	70Ra/80Ra	Beam Angle:	108°
Correlated colour Temp (CCT):	3000K - 3500K - 4000K - 5000K	Lifespan:	50 000hrs
Total Harmonic Distortions (THD):	<15%	Mounting Options:	Surface
Power Factor (PF):	>0.90		
Operating Temp:	95%Rh / -20°C ~ +40°C	Entry & Output Cable:	Side / 20cm (Standard)
Driver Type:	Standard	Electrical Class:	Class I
LED:	SMD 2835		

MATERIAL STRUCTURE

Housing Body:	ADC12 Aluminium	Housing Colour:	Black
Lens Diffuser:	Polycarbonate(PC)	Lens:	Clear

OPTIONAL FEATURES

Sensor Options:	Microwave Motion(External or Built in)		
Dimming Options:	0/1-10V Dimming	Photo Electric	DALI Dim
Emergency Options:	20% @ 1.5 Hours		
Certifications	RoHs/IEC/SANS		

ORDERING INFORMATION

XXX	XXX	XXXX	XXX	XXX	XXX	XXX	XXX
Product Family	Product ID	Size & Weight	Power	Efficacy	Driver Type	Control	CRI
Wall Light (WL)	Wallpack Type B (WPB)	210*140*90mm (219) 2.2kg	18W (18) 25W (25) 30W (30)	130lm/W (130)	Standard (STD)	Standard (STD) Emergency (EMG) Microwave (MIC) 0/1-10V (DIM) DALI (DAL) Photo-Electric (PHE)	70 (7) 80 (8)



Wallpacks - Type D

TECHNICAL DATA

SPECIFICATIONS

Rated Voltage (V):	AC100-277V	Luminaire Efficacy(lm/W):	130(lm/W)
Frequency (Hz):	50/60Hz	Unified Glare Index(UGR):	UGR22 (Standard)
Power Consumption (W):	60W, 80W	L&B Rating:	L80 B10
		Ingress Protection(IP):	IP65
Colour Rendering (CRI):	70Ra/80Ra	Beam Angle:	110°
Correlated colour Temp (CCT):	3000K - 3500K - 4000K - 5000K	Lifespan:	50 000hrs
Total Harmonic Distortions (THD):	<15%	Mounting Options:	Surface
Power Factor (PF):	>0.90		
Operating Temp:	95%Rh / -20°C ~ +40°C	Entry & Output Cable:	Side / 20cm (Standard)
Driver Type:	Standard	Electrical Class:	Class I
LED:	SMD 2835		

MATERIAL STRUCTURE

Housing Body:	ADC12 Aluminium	Housing Colour:	Black
Lens Diffuser:	Polycarbonate(PC)	Lens:	Clear

OPTIONAL FEATURES

Sensor Options:	Microwave Motion(External or Built in)		
Dimming Options:	0/1-10V Dimming	Photo Electric	DALI Dim
Emergency Options:	20% @ 1.5 Hours		
Certifications	RoHs/IEC/SANS		

ORDERING INFORMATION

XXX	XXX	XXXX	XXX	XXX	XXX	XXX	XXX
Product Family	Product ID	Size & Weight	Power	Efficacy	Driver Type	Control	CRI
Wall Light (WL)	Wallpack Type D (WPD)	246*216*120mm (211) 2.2kg	60W (60) 80W (80)	130lm/W (130)	Standard (STD)	Standard (STD) Emergency (EMG) Microwave (MIC) 0/1-10V (DIM) DALI (DAL) Photo-Electric (PHE)	70 (7) 80 (8)



Adjustable Wallpacks

TECHNICAL DATA

SPECIFICATIONS

Rated Voltage (V):	AC100-277V	Luminaire Efficacy(lm/W):	120(lm/W)-130(lm/W)
Frequency (Hz):	50/60Hz	Unified Glare Index(UGR):	UGR22 (Standard)
Power Consumption (W):	20W, 30W, 40W, 60W, 80W, 100W, 120W	L&B Rating:	L80 B10
		Ingress Protection(IP):	IP65
Colour Rendering (CRI):	70Ra/80Ra	Beam Angle:	120°
Correlated colour Temp (CCT):	3000K - 3500K - 4000K - 5000K	Lifespan:	50 000hrs
Total Harmonic Distortions (THD):	<15%	Mounting Options:	Surface
Power Factor (PF):	>0.90		
Operating Temp:	95%Rh / -20°C ~ +40°C	Entry & Output Cable:	Side / 20cm (Standard)
Driver Type:	Standard	Electrical Class:	Class I
LED:	SMD 3030		

MATERIAL STRUCTURE

Housing Body:	ADC12 Aluminium	Housing Colour:	Black
Lens Diffuser:	Polycarbonate(PC)	Lens:	Clear

OPTIONAL FEATURES

Sensor Options:	Microwave Motion(External or Built in)		
Dimming Options:	0/1-10V Dimming	Photo Electric	DALI Dim
Emergency Options:	20% @ 1.5 Hours		
Certifications	RoHs/IEC/SANS		

ORDERING INFORMATION

XXX	XXX	XXXX	XXX	XXX	XXX	XXX	XXX
Product Family	Product ID	Size & Weight	Power	Efficacy	Driver Type	Control	CRI
Wall Light (WL)	Adjustable Wallpack (AWP)	165*205*98mm (129) 1.8kg	20W (20) 30W (30) 40W (40)	120lm/W (120) 130lm/W (130)	Standard (STD)	Standard (STD) Emergency (EMG) Microwave (MIC) 0/1-10V (DIM) DALI (DAL) Photo-Electric (PHE)	70 (7) 80 (8)
		216*280*110mm (221) 1.8kg	60W (60) 80W (80)				
		267*330*124mm (231) 1.8kg	100W (100) 120W (120)				