



WPDS Series

eLucent™

WPDS Series LED Wall Pack

(Dark Sky Compliant)

Model:

- WPDS28
- WPDS40
- WPDS60
- WPDS90

Product Description

eLucent™ WP Series LED Wall pack is designed for applications that require lighting with a long life and low maintenance requirement.

With effective thermal management, corrosion-resistant, and die-cast aluminum enclosure with an architectural dark brown finish, eLucent™ WP Series LED Wall provides glare free, uniform illumination while providing a safe and comfortable visual experience.

eLucent™ WP Series LED Wall pack adopts high luminous efficacy SMD LEDs. They are available in 28 watts, 40 watts, 60 watts and 90watts.

With superior 60%-90% energy savings, compared to halogen lamp or a metal halide lamp, eLucent™ WPDS90 achieves a superlative luminous flux of 7200 lm and only consumes approximate 90 watts.

High lumen output, energy-efficient optical control and easy universal installation features confirm the eLucent™ WP Series LED Wall as the absolute choice for indoor and outdoor illumination.

Performance Summary

	WPDS28	WPDS40	WPDS60	WPDS90
Input	28W, 100~277VAC, 0.3A	40W, 100~277VAC, 0.32A	55W, 100~277VAC, 0.47A	90W, 100~277VAC, 0.76A
Lumens	2300 lm	3200 lm	4400 lm	7200 lm
L70 lifetime	94,000h	72,000h	65,000h	52,000h
Luminous efficacy	Typ. 80 lm/W			
CCT	5000 K, 4000 K			
Color Accuracy	CRI >80, R9>10			
PF/THD	>0.92/<20%			

Ordering Information

Typical Order Example: WPDS60HU500000

SERIES	HOUSING	WATT	VOLTAGE	CCT	CONTROL	OPTIONS
WP=Wall Pack	DS=Glass Refractor	28=28W 40=40W 60=60W 90=90W	HU=100-277V	50=5000K 40=4000K	00=non-dimming 10=1-10V Dimming	00=Default



Product Specifications

CONSTRUCTION & MATERIALS				
Type	WPDS28	WPDS40	WPDS60	WPDS90
Dimension (without visor)	363*195*230 mm (14.29*7.68*9.06")	363*195*230 mm (14.29*7.68*9.06")	465*244*230 mm (18.31*9.61*9.06")	465*244*230 mm (18.31*9.61*9.06")
Housing	Die-cast aluminum			
Lens Type	Prismatic Glass			

ENVIRONMENTAL SYSTEM	
Work Environment	Indoor and outdoor use
Operating Temperature	-20°C~50°C(-4~122°F)
IP Rating	IP65

OPTICAL SYSTEM				
Type	WPDS28	WPDS40	WPDS60	WPDS90
Luminous Flux	2300 lm	3200 lm	4400 lm	7200 lm
Luminous Efficacy	Typ. 80 lm/W			
Color Temperature	5000 K, 4000 K			
CRI	>80			
Lumen maintenance at 6000h	97.82%	97.49%	96.65%	

ELECTRICAL SYSTEM				
Type	WPDS28	WPDS40	WPDS60	WPDS90
Input Voltage	100~277VAC, 0.3A	100~277VAC, 0.32A	100~277VAC, 0.47A	100~277VAC, 0.76A
Off State Power	0W	0W	0W	0W
Power Consumption	28W	40W	55W	90W
THD	<20%			
Power Factor	>0.92			

REGULATORY & VOLUNTARY QUALIFICATIONS
Design Lights Consortium (WPDS40, WPDS60, WPDS90)
ETL & cETL Listed
CA Title 24 Complaint (WPDS28)
LM79, LM80, Lighting Facts



ATG Electronics® eLucent™ LED Wall Pack

USER GUIDE

NOTE:

Please read this entire manual to fully understand and safely use the luminaire.

The products can be used at the voltage of 100-277V AC, 50/60HZ, suitable for indoor and outdoor, moistureproof and dustproof. Specifications are subject to change without notice. Please visit www.atgelectronics.com for the most recent user guide versions.

UNPACKING

- 1) Unpack and carefully examine the product.
- 2) Report any damage and save all packing materials if any part(s) were damaged during shipping.
- 3) Do not attempt to use this apparatus if it is damaged.

INSTALLATION INSTRUCTIONS

- 1) CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR.
- 2) The product should be installed and operated by a qualified electrician or technician in accordance with relevant local codes.
- 3) Risk of electric shock. Ensure that main power source is off when wiring or soldering the sections of the product.

MAINTENANCE

- 1) Disconnect the product from the power supply prior to cleaning.
- 2) Use a dry or slightly moistened cloth for cleaning.
- 3) Never use any chemicals or abrasive materials for cleaning.

INSTALLATION STEPS

- 1) Use a screwdriver to loosen the screws and open the fixture.
- 2) Take the back plate from the fixture and drill holes through casting over mounting holes to mount it to the wall/ceiling.
- 3) Connect the input and ground wires of the driver box to the main power outlet.
- 4) Connect the LED array to the output leads of driver.
- 5) Reattach the fixture front to the back plate. Tighten the housing screws to close the fixture.
- 6) Fix the cover to the wall pack with screws, and make the waterproof treatment to the screws.

