

W16S GEN 4 CLASSIC WALL PACK

SELECTABLE COLOR TEMPERATURE (3 000/4 000/5 000 K)
INTEGRATED PHOTOCELL
MULTI-VOLTAGE (120-347 V)



This wall pack series is a classic and familiar design integrated with modern LED technology to promote better energy efficiency and long life. It is best suited for entrances, underpasses or anywhere controlled

security lighting is required, the series luminaire is a great addition to any commercial or industrial outdoor wall mount application. The tough die cast aluminum housing is moisture and dustproof.

FEATURES & SPECIFICATIONS

CONSTRUCTION

Housing

- This luminaire is made of aluminum die cast and comes standard in a bronze powder coat finish.
- The housing has four conduit entries of 1/2" on each sides and some of the configurations comes with a button type photocell that can be turned off by using the internal switch if needed.¹

Lens

Prismatic tempered glass lens is standard in this product series.

ELECTRICAL

- The drivers allows an input voltage from 120-347 V 50/60 Hz and are 0-10 V dimmable. They are coming with an onboard surge protection:
 - NS120: 4kV standard

- This wall pack series is suitable for ambient temperature range of -40°C to 50°C.
- The color temperature of the fixture is set by default at 4 000 K and can be changed in the field.

COMPLIANCES

- Wet location
- IP65
- Meets requirements of ICES-005 issue 5 for class B products
- cULus
- IK06

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	137 - 144
WATTS (W)	120	COLOR TEMPERATURE (K)	3 000/4 000/5 000
LUMENS OUTPUT (LM)	16 943 - 17 885	CRI	> 80

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.
All products are subject to change or may be discontinued any time without notice.

W16S GEN 4

QUICK SHIP ORDERING GUIDE



PART NO	UNIQUE DLC ID	WATTS [W]	VOLTS [V]	COLOR TEMP. [K]	LUMEN OUTPUT [LM]	EFFI- CIENCY [LM/W]	PHOTO- CELL ¹	CRI	LIFE L70 [HRS]	TESTED HOURS LM-80 [HRS]	CALCU- LATED TM21 [HRS]	FINISH	DIM- MING	LED CUR- RENT [MA]	PF	THD [%]	CASE QTY [MAS- TER]
SINGLE POWER, CCT SELECT AND INTEGRATED PHOTOCELL¹																	
W16S-NS120-32-3C	PLKL8U1W9E6H	120	120-347	3 000/4 000/ 5 000	16 943	137	YES	>80	54 000	9 000	173 600	BRONZE	YES	2 600	≥0.9	≤20	1

QUICK SHIP: Product availability is subject to change without notice. Please contact your AimLite customer service representative to confirm inventory levels at time of order.

¹Integrated ON/OFF photocell that can be easily disabled.

²Lumen values are based on 4 000 K default settings. Please refer to Quick ship Technical Specification Table for more details on other color temperatures.

ACCESSORIES (ORDER SEPARATELY)

PART NO	DESCRIPTION
HAR1108	18" BRONZE METAL BACKPLATE
GS004	BRONZE GLARESHIELD
WGD908	STAINLESS STEEL WIREGUARD



ORDERING GUIDE

W16S					
SERIES	LUMEN PACKAGE [W]	VOLTS [V]	COLOR TEMP.	HOUSING COLOR	OPTIONS
W16S	NS120 - 120	32 - 120-347	3C - 3 000/4 000/5 000	BR - BRONZE (STANDARD) SP - SPECIAL COLOR	KV - 10 KV SURGE PROTECTION PC - POLYCARBONATE LENS

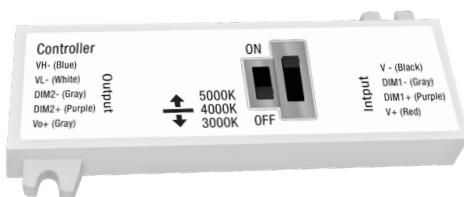
QUICK SHIP TECHNICAL SPECIFICATION TABLE

PART NO	WATTS [W]	3 000 K		4 000 K		5 000 K	
		LUMEN OUTPUT [LM]	EFFICIENCY [LM/W]	LUMEN OUTPUT [LM]	EFFICIENCY [LM/W]	LUMEN OUTPUT [LM]	EFFICIENCY [LM/W]
W16S-NS120-32-3C	120	16 943	137	17 885	147	17 810	144

DEFAULT PROGRAMMING

W16S-NS120-32-3C: 120 W / 4 000 K

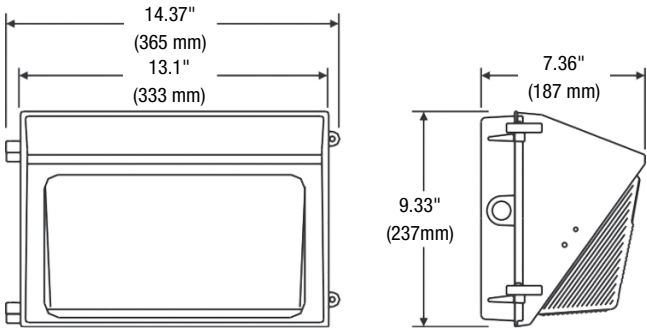
SELECTABLE COLOR TEMPERATURE AND ON/OFF INTEGRATED PHOTOCELL¹



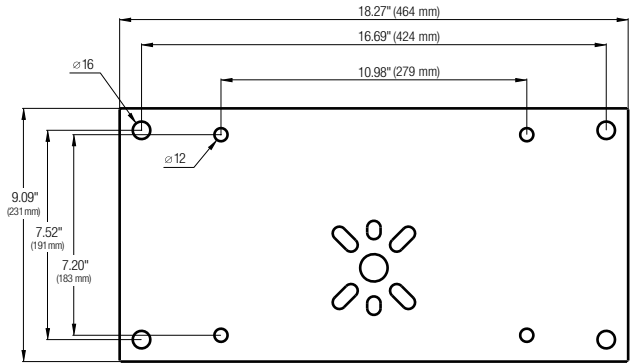
¹ Integrated photocell, multi-volt driver, CCT and Power selectable on some configurations. Consult Quick ship and technical specification table for more details.

W16S GEN 4

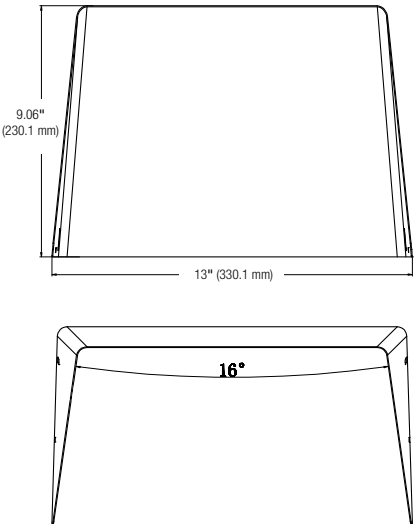
DIMENSIONS



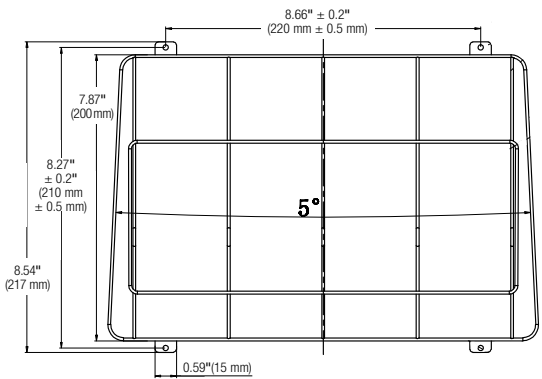
BLACKPLATE



GLARESHIELD



WIREGUARD

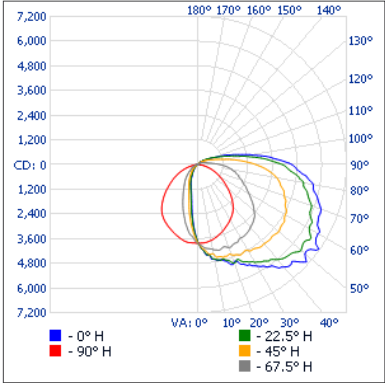


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PHOTOMETRIC DATA¹

W16S-NS120-32-3C • 17 344.7 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	2 676.5	15.4%
0-40	4 514.6	26%
0-60	9 031.9	52.1%
60-90	6 039.4	34.8%
70-100	4 898.9	28.2%
90-120	1 974.9	11.4%
0-90	15 071.3	86.9%
90-180	2 273.4	13.1%
0-180	17 344.7	100%

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
8.3'	55.7	18.7'	19.8'
16.7'	13.8	37.7'	39.8'
25.0'	6.14	56.4'	59.6'
33.3'	3.46	75.1'	79.4'
41.7'	2.21	94.0'	99.4'
50.0'	1.54	112.8'	119.4'
■ Vert. Spread: 96.9° ■ Hor. Spread: 100.0°			

¹ Complete IES files available on our website.