

W16A-L GEN 2

LED ALL PURPOSE WALL PACK

SELECTABLE COLOR TEMPERATURE (3 000/4 000/5 000 K)

The W16A-L is a high performance multi-purpose luminaire that can be used in most commercial installations. This prismatic wall pack effectively diffuses and distributes the highly efficient LED output to maximize spread while minimizing wattage consumption. The intended use: security lighting over entrances, stairwells and pedestrian areas.

FEATURES & SPECIFICATIONS

CONSTRUCTION

Housing

- Die cast back plate with PC cover
- Integrated 120-277V photocell
- Bronze finish

Lens

Frosted polycarbonate lens to reduce glare

TECHNICAL SPECIFICATIONS

- 0-10 V dimming standard
- Color temperature 3 000/4 000/5 000 K
- Estimated lifespan of >60 000 hours to L70
- Ambient temperature: -40 to 40 °C
- 2 kV surge protection
- Type III distribution type



- IK08
- Meets requirements of ICES-005 issue 5 for class B products

OVERVIEW			
LIGHT SOURCE	LED	EFFICACY [LM/W]	113 - 123
WATTS [W]	20	COLOR TEMPERATURE [K]	3 000/4 000/5 000
LUMEN OUTPUT [LM]	2 260 - 2 451	CRI	73

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

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.

W16A-L GEN 2

QUICK SHIP ORDERING GUIDE



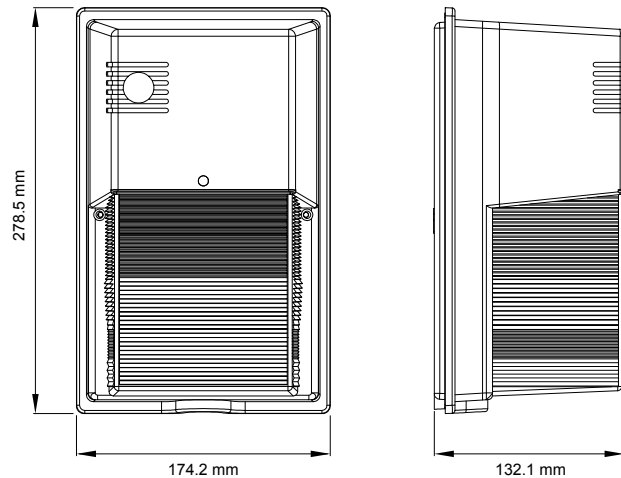
MODEL NUMBER	DLC UNIQUE ID	WATTS [W]	VOLTS [V]	COLOR TEMP. [K]	LUMEN OUTPUT [LM]	EFFICIENCY [LM/W]	PHOTO-CELL	CRI	DIS-TRIB. TYPE	FINISH	DIM-MING	B.U.G	TRADITIONNAL EQUIVALENT [W]		CASE QTY [MASTER]
													MH	HPS	
W16A-LA1B-2-3CBRP	PMS0H1F3	20	120-277	3 000/4 000/5 000	2 261	113	YES	73	III	BRONZE	YES	B1 U3 G1	70 - 100	70	6

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.

LUMEN CHART

MODEL NUMBER	WATTS [W]	VOLTS [V]	3 000 K		4 000 K		5 000 K		LIFE L70 [HRS]	PF	THD [%]
			LUMEN [LM]	EFFICIENCY [LM/W]	LUMEN [LM]	EFFICIENCY [LM/W]	LUMEN [LM]	EFFICIENCY [LM/W]			
W16A-LA1B-2-3CBRP	20	120-277	2 402	122	2 260	113	2 451	123	>60 000	0.90-0.99	10.07-11.04

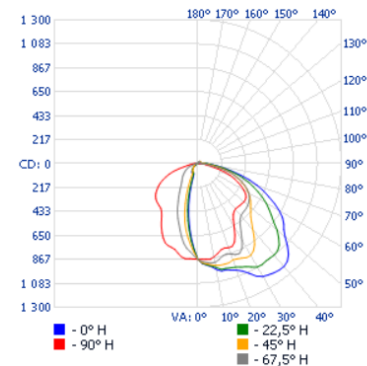
DIMENSIONS



PHOTOMETRIC DATA¹

W16A-LA1B-2-3CBRP • 2 260 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	557.1	24.7%
0-40	894.6	39.6%
0-60	1 614.7	71.4%
60-90	549.7	24.3%
70-100	283.2	12.5%
90-120	57.8	2.6%
0-90	2 164.4	95.8%
90-180	95.7	4.2%
0-180	2 260.0	100%

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
17'	2.99	26.3'	23.9'
34'	0.75	52.7'	47.8'
51'	0.33	79.0'	71.7'
68'	0.19	105.4'	95.6'
85'	0.12	131.7'	119.5'
102'	0.08	158.0'	143.3'

■ Vert. Spread: 75.5° ■ Hor. Spread: 70.2°

¹ Complete IES files available on our website.