

W5NS GEN 2 LED WRAPAROUND

W5NS LED Wraparound is ideally suited for a variety of commercial applications (schools, corridors, restrooms, etc.) where a decorative and robust fixture with efficient lighting is required. The fixture can be surface and suspended mounted. This fixture meets BC Hydro requirements, providing considerable utility rebates in British Columbia.



FEATURES & SPECIFICATIONS

CONSTRUCTION

- Housing**
White steel
- Mounting options**
Surface
- Lens**
Frosted PMMA

ELECTRICAL

- 120-277 V electronic driver with 0-10V dimming is standard. Long-life LEDs that provide 80+ CRI are available in 4 000 K. Estimated lifespan of over 50 000 hours to L70.

COMPLIANCES

- cULus
- Meets requirements of ICES-005
- Damp location

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	130
WATTS (W)	34	COLOR TEMPERATURE (K)	4 000
LUMEN OUTPUT (LM)	4 420	CRI	80

WARRANTY
5 YEAR
WARRANTY

QUICKSHIP

LED

DAMP
LOCATION

DIMMABLE

ICES
005

UL
CERTIFIED

FCC

DLC
LISTED
PREMIUM

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.

QUICK SHIP ORDERING GUIDE¹



ORDER CODE	DLC UNIQUE ID	WATTS [W]	VOLTS [VAC]	COLOR TEMP. [K] ²	LUMEN [LM] ³	EFFICIENCY [LM/W]	CRI	LIFE L70 [HRS] ⁴	TESTED HOURS LM-80 [HRS] ⁴	DIMMING [YES/NO]	POWER FACTOR	THD [%]	CASE QTY [MASTER]
W5NS-48LA1-2/40K	PLYGRIDXFIPX	34	120-277	4 000	4 420	130	80	50 000	6 000	YES	0.90	10	4

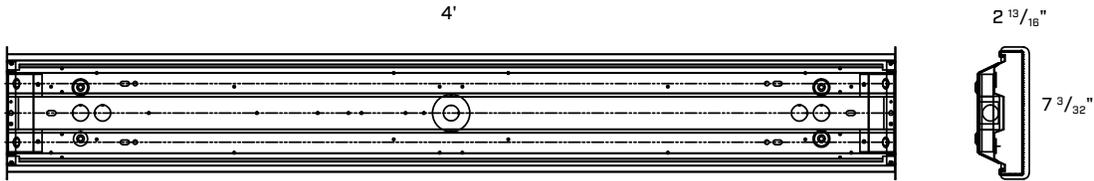
¹ QUICK SHIP: Product availability is subject to change without notice. Please contact your AimLite customer service representative to confirm inventory levels at time of order.

² Typical color temperature range: +/- 5 %.

³ Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

⁴ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations

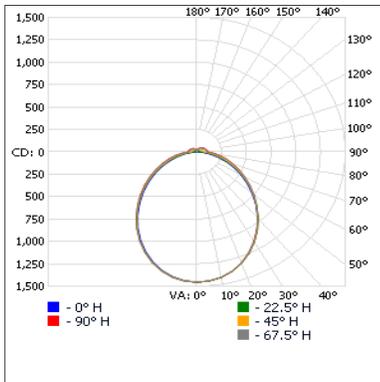
DIMENSIONS



PHOTOMETRIC DATA

W5NS-48LA1-2/40K • 4 086.1 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1,094.4	26.8%
0-40	1,754.1	42.9%
0-60	2,975.9	72.8%
60-90	837.0	20.5%
70-100	466.5	11.4%
90-120	164.7	4%
0-90	3,813.0	93.3%
90-180	273.1	6.7%
0-180	4,086.1	100%

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	503 fc	4'	4.2'
3.3'	133 fc	7.8'	8.2'
5.0'	58.1 fc	11.8'	12.4'
6.7'	32.4 fc	15.8'	16.6'
8.3'	21.1 fc	19.6'	20.6'
10.0'	14.5 fc	23.7'	24.8'

■ Vert. Spread: 99.6° ■ Hor. Spread: 102.2°

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.