

Project _____
Catalogue n° _____

Type _____
Date _____

AimLite

W18NS

LED WRAPAROUND



Our W18NS is a low profile, surface-mounted fixture with reduced glare. Our wrap luminaire is styled to reproduce the look of a traditional fixture and is the perfect LED equivalent to fluorescent wraps. The fixture is ideally suited for a variety of commercial and residential applications.

FEATURES & SPECIFICATIONS

CONSTRUCTION

Housing

White Steel

Mounting options

Surface

Lens

Frosted PMMA

ELECTRICAL

Driver











- Available in 120-277V
- 0-10 V dimming standard
- 2.5kV surge protection

Ambient temperature

- -20°C to +50°C

COMPLIANCES

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

OVERVIEW			
LIGHT SOURCE	LED	EFFICACY (LM/W)	134
WATTS (W)	38	COLOR TEMPERATURE (K)	4 000
LUMEN OUTPUT (LM)	5 092	CRI	80
<div><div>WARRANTY 5 YEAR WARRANTY</div><div>QUICKSHIP</div><div>LED</div><div>DAMP LOCATION</div><div>DIMMABLE</div><div>ICES 005</div><div>DLC LISTED</div><div>DLC LISTED PREMIUM</div><div>UL CERTIFIED</div><div>FCC</div></div>			

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.

W18NS

QUICK SHIP ORDERING GUIDE¹



ORDER CODE	WATTS [W]	VOLTS [VAC]	COLOR TEMP. [K] ²	LUMEN [LM] ³	EFFICACY [LM/W]	CRI	LIFE L70 [HRS] ⁴	TESTED HOURS LM-80 [HRS] ⁴	DIMMING [YES/NO]	POWER FACTOR	THD [%]	CASE QTY [MASTER]
W18NS-48-1-G2	38	120-277	4000	5092	134	80	54 000	9000	YES	0.90	20	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.

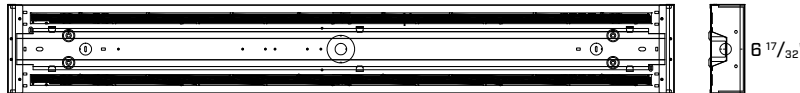
DLC UNIQUE ID TABLE

ORDER CODE	DLC STANDARD UNIQUE ID ¹	DLC PREMIUM UNIQUE ID ²
W18NS-48-1-G2	PLUXXNTT6GND	S-DEP10I

¹ Primary Use Designation: Direct Linear Ambient Luminaires

² Primary Use Designation: Low-Bay Luminaires for Commercial and Industrial Buildings

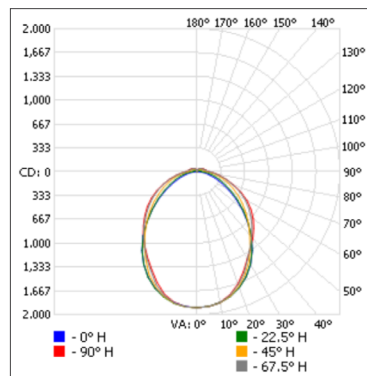
DIMENSIONS



PHOTOMETRIC DATA¹

W18NS-48-1-G2-40K • 5 144.4 lm

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 411.4	27.4%
0-40	2 230.5	43.4%
0-60	3 714.0	72.3%
60-90	1 070.7	20.8%
70-100	647.7	12.6%
90-120	238.8	4.6%
0-90	4 784.7	93.1%
90-180	353.2	6.9%
0-180	5 137.9	100%

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
2.0'	475.5 fc	4.2'	5.1'
4.0'	118.9 fc	8.4'	10.2'
6.0'	52.9 fc	12.6'	15.3'
8.0'	29.7 fc	16.8'	20.4'
10.0'	19.0 fc	21.0'	25.5'

■ Vert. Spread: 92.9° ■ Hor. Spread: 103.9°

¹ Complete IES files available on our website.

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.