



AEI LED WLS Standard Wrap

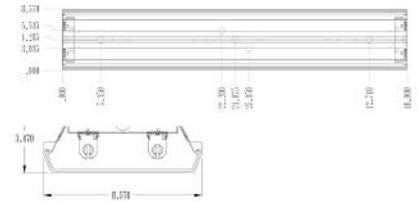
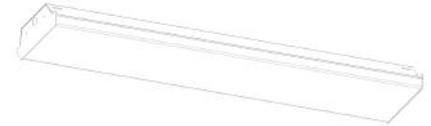
4- & 8-FOOT SOLUTIONS FOR RETAIL & LOW BAY APPLICATIONS



JOB NAME

JOB NUMBER

DATE



AEI's Standard WLS LED Wrap fixtures offer an economical solution to fluorescent tubes, creating a long-lasting and energy saving upgrade -- a truly green solution without the cost. Perfect for retail, office & low bay apps.

FEATURES & SPECIFICATIONS

FEATURES

- Made in the USA
- Nichia LEDs Standard
- Multiple voltages, wattages and color temperatures available
- Multiple wattages available to tailor light levels and maximize energy savings
- Shielding options for strip style applications to eliminate direct view of LEDs
- Unsurpassed thermal contact to ensure long life
- Aluminum housing for superior heat management
- 5-Year Limited Warranty - visit AEILighting.com for more details

LIGHT ENGINES

- 85 CRI Standard - Higher CRI available - Consult AEI for options
- Color temperatures include 3000K, 3500K, 4000K and 5000K
- Lumens: 3400 lumens to 3465 lumens
- Lumen maintenance: L70 - 115,000 hours, L80 - 70,000 hours depending on ambient temperatures
- White lens for better glare protection and light distribution

ELECTRICAL

- 120-277V Standard - Consult for other voltages
- 0-10 Volt dimming available for easy daylight harvesting
- Occupation sensor, integration and control system options available

MATERIALS

- White powdercoated aluminum body, with an option of White Optics Material for improved specular reflectance - Consult AEI

APPLICATIONS

- AEI can produce a wrap for almost any existing or new fluorescent design
- Consult your AEI representative regarding your particular application

CERTIFICATIONS



ORDERING GUIDE

Ordering Example: **WLS-8FT-45W-2-4LC-UNI-35K-PR-OC**

Type	Length	Wattage	Number of Circuits	Circuit Length	Voltage	CCT	Lens	Options
WLS	4FT 8FT	30W 45W 55W	1=1 Circuit 2=2 Circuits	4LC=4 Feet	UNI=120-277 VAC 347=347 480=480	30K=3000K 35K=3500K 40K=4000K 50K=5000K	PR=Prismatic Lens	OC=Occupancy Sensor SD=Step Dimming PD=0-10 Dimming

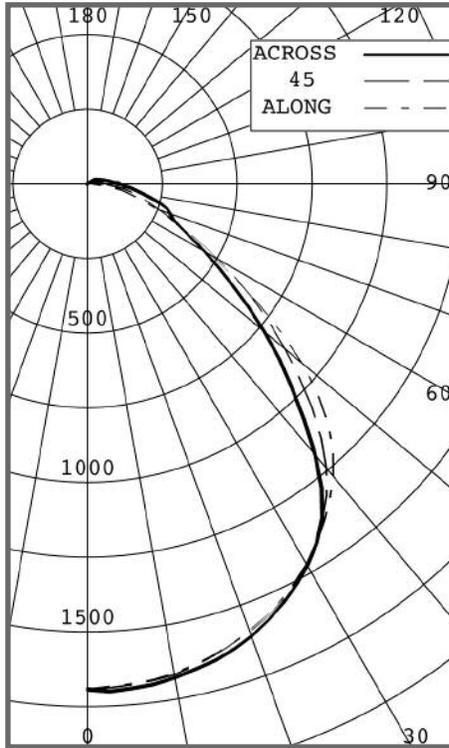


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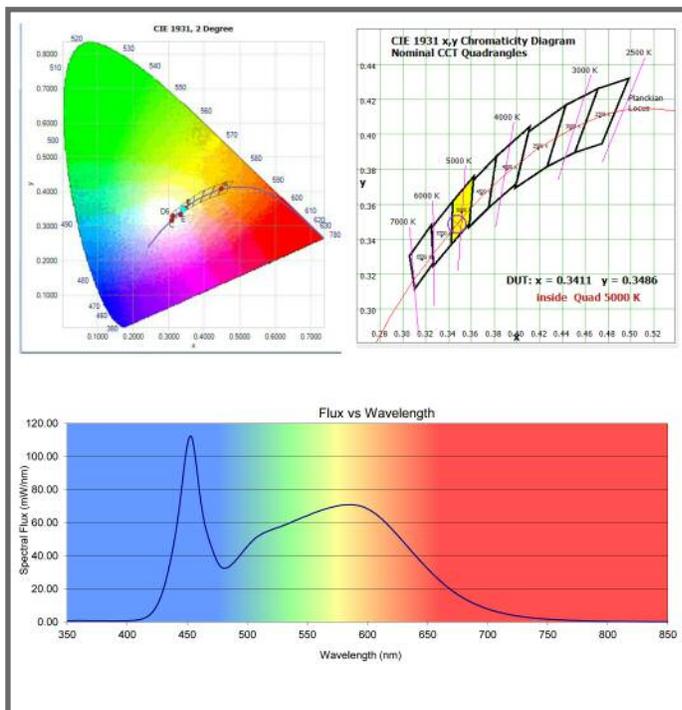


PHOTOMETRY & LIGHTING FACTS



INTENSITY (CANDLEPOWER) SUMMARY						OUTPUT LUMENS
ANGLE	ALONG 22.5	45	67.5	ACROSS		
0	1693	1693	1693	1693	1693	
5	1682	1670	1685	1698	1697	163
15	1632	1622	1635	1651	1652	462
25	1534	1528	1540	1551	1548	708
35	1379	1368	1369	1376	1366	852
45	1136	1104	1058	997	965	807
55	692	691	678	614	591	588
65	342	344	358	355	342	353
75	169	165	193	255	252	217
85	51	58	96	137	142	106
90	0	10	48	85	103	
95	0	6	34	66	83	41
105	0	1	22	41	49	24
115	0	0	13	27	32	14
125	0	0	0	15	20	6
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	0

ZONAL LUMENS AND PERCENTAGES		
ZONE	LUMENS	% LUMINAIRE
0-30	1333	30.70
0-40	2185	50.33
0-60	3581	82.47
0-90	4258	98.06
40-90	2072	47.73
60-90	677	15.59
90-180	84	1.94
0-180	4342	100.00



Advanced Energy Ideas

LED lighting facts®

A Program of the U.S. DOE

Light Output (Lumens)	4441
Watts	54.67
Lumens per Watt (Efficacy)	81.233

Color Accuracy
Color Rendering Index (CRI) **84**

Light Color
Correlated Color Temperature (CCT) **5144 (Daylight)**

Warm White
Bright White
Daylight

2700K
3000K
4500K
6500K

LED Lumen Maintenance Projection at 50,000 Hours at 25°C Ambient* **85.49%**

Warranty** **Yes**

All results, except LED Lumen Maintenance, are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

* Based on TM-21 projections for the light source.
** See www.lightingfacts.com/products for details.

Registration Number: -AWGJBV (3/28/2015)
Model Number: WLS-4FT-9U-1-4LC-UNI
Type: Luminaire - Linear

