

PROJECT NAME:	
CATALOG NUMBER:	FIXTURE TYPE:
VOLTS/WATTS:	LAMPS/BOARD:



SHALLOW WRAP - 20W LED

COMMERCIAL

FEATURES

- Suitable for Continuous Runs
- 23 Ga Die Formed Steel Housing
- Specification Grade for New Construction
- Surface Mount or Suspended
- Ample KOs on Back and Ends.
- Prismatic Wrap Around Lens
- Wire Cage Option Available
 - Replaces Prismatic Lens
- Multiple Dimming and Sensor Options to Fully Control Occupied and Unoccupied Light Levels
- 5 Year Warranty
- DesignLights Consortium® Premium Qualified Luminaire



LED SYSTEM

Calculated L70 (TM-21)	>100K
Delivered Lumens	2,890 lm
Total Input Watts	22 W
Luminaire Efficacy Rating (LER)	131 lm/W
Correlated Color Temperature (CCT)	5000 K
Color Rendering Index (CRI)	>80
Max Ambient Temp	120°F
Universal Driver	120-277 V

LED System data above based on FWS-20WLED-UNIV-50
LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25°C ambient

SUITABLE APPLICATIONS

- Offices
- Hallways
- Multi Purpose
- Work Station Task Lighting



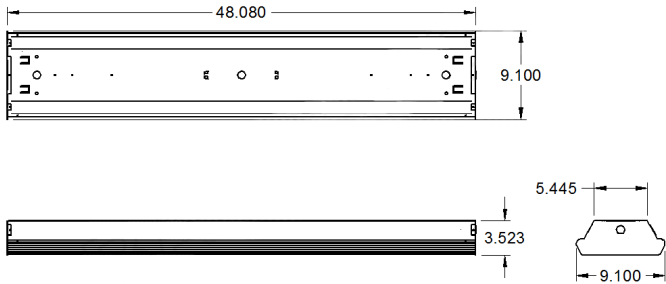
Ordering Guide

eg: FWS		20WLED	UNIV	50	CORDx	
Series	LED	Driver	Color	Options		
<input type="checkbox"/> FWS	Shallow Wrap 4ft	<input type="checkbox"/> 20WLED	<input type="checkbox"/> UNIV 120-277 Driver	<input type="checkbox"/> 30 <input type="checkbox"/> 35 <input type="checkbox"/> 40 <input type="checkbox"/> 50	<input type="checkbox"/> CORDx Cord (x = ft) <input type="checkbox"/> FI/ILBCP05 5W LED Factory Installed Battery Backup <input type="checkbox"/> FI/ILBCP07 7W LED Factory Installed Battery Backup <input type="checkbox"/> FI/ILBCP10 10W LED Factory Installed Battery Backup <input type="checkbox"/> FI/ILBCP12 12W LED Factory Installed Battery Backup <input type="checkbox"/> MCWHIPx Flexible Conduit (x = ft) <input type="checkbox"/> SD480 480V Step Down Transformer <input type="checkbox"/> WC Wire Cage (Replaces Prismatic Lens) <input type="checkbox"/> FIOS On/Off Occupancy Sensor Installed <input type="checkbox"/> USDC User Selectable Dimming Control <input type="checkbox"/> USBD User Select Bi-level Dim w/ Occ. Sensor <input type="checkbox"/> BDxx Preset Bi-level Dim Sensor (xx=% eg. 20,30) <input type="checkbox"/> ES EasySense Control <input type="checkbox"/> SR Sensor Ready Driver For ES <input type="checkbox"/> ES/PCD Pre-Installed App On Control Device	

*Battery Backup Options See Field Installed LED BB Sheet.

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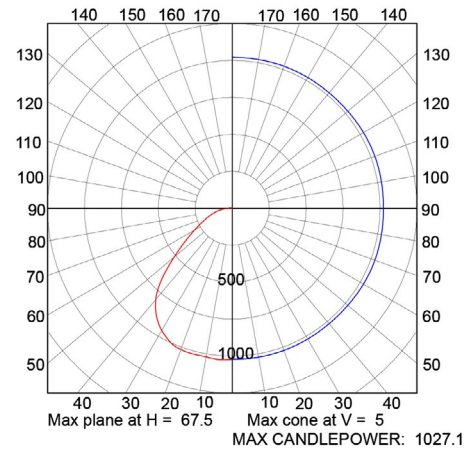
FWS-20WLED-UNIV-40

LUMINAIRE OUTPUT = 2710 LMS
120.0V 0.1832A 21.92W PF=0.997

SUMMARY DATA

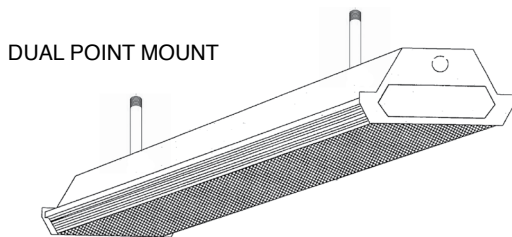
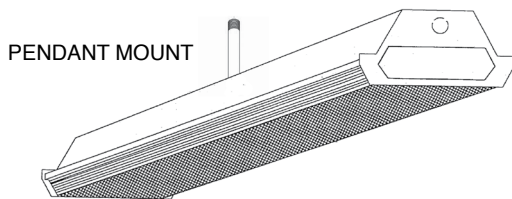
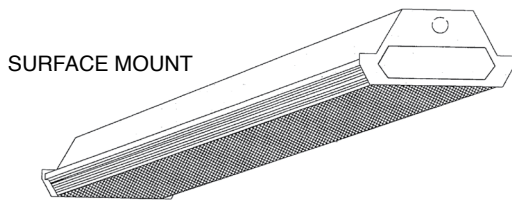
HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0%
EFFICIENCY (Down / Up):	99.1% / 0.9%
EFFICIENCY (Street / House):	50.0% / 50.0%
ROADWAY CLASSIFICATION:	TYPE V
CUTOFF CLASSIFICATION:	CUTOFF
LUMENS/LAMP:	2710.856
NO. OF LAMPS:	1
LUMINOUS OPENING: RECTANGULAR:	
Width:	0.67 (Feet)
Length:	4.00
Height:	0.13
INPUT WATTS:	21.92

PLANE AND CONE DIAGRAM



LM-79. IES files can be downloaded at www.ilp-inc.com

MOUNTING OPTIONS



Industrial Lighting Products

LED
lighting facts[®]
A Program of the U.S. DOE

Light Output (Lumens)	2872
Watts	21.95
Lumens per Watt (Efficacy)	130.84

Color Accuracy
Color Rendering Index (CRI) 80

Light Color
Correlated Color Temperature (CCT): 4000 (Bright White)

2700K 3000K 4500K 6500K

All results 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.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: 4NLD55 (6/22/15)
Model Number: FWS-20WLED-UNIV-40
Type: Luminaire - Linear