

Project Name:	
Catalog Number:	Fixture Type:
Volts / Watts:	Lamps / Board:



AMAZON 8FT - 100W LED

WET LOCATION

FEATURES

- 8 Foot Enclosure
- Suitable for Wall or Ceiling Mount
- Impact Resistant, Ribbed Acrylic Clear Lens (Std), Ribbed Acrylic Frosted (RAF), Ribbed Polycarbonate (PC-4ft Only) Deep Clear Lens (DCL) or Deep Frosted Lens (DFL) Options
- Continuous Poured, Closed Cell Polyurethane Gasket
- Stainless Steel Mounting Brackets for Drill Free Mounting
- Polycarbonate Latches* (Std), Stainless Steel (SS) Optional
- Tamper Proof Screws (TPS) Optional
- 0-10V Dimming Driver
- 5 Year Warranty
- Fiberglass Body Attributes
 - IP65, IP66 & IP67 (Dust Tight, Low Pressure Water Jets, High Pressure Water Jets, and Immerse 1M)
 - NEMA4 & NSF Rated Components, 5VA Flame Rating
 - UL Listed / Wet Locations, (F1) Rated for Outdoor Use

To Ensure Lead Wires Are Attached, "DIM" Call Out Is Required When Building Part Number



Optional Deep Frosted Lens (DPFL)

LED SYSTEM

Board (Nichia Chips)	4 x 56
Calculated L70 (TM-21)	>100,000 hours
Delivered Lumens	11,820 lm
Total Input Watts	115 W
Luminaire Efficacy Rating (LER)	102 lm/W
Correlated Color Temperature (CCT)	5000 K
Color Rendering Index (CRI)	> 80
Max Ambient Temp	110° F
Universal Driver	120-277 V

LED System data above based on WT8-100WLED-UNIV-5000K-RAFL

LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25°C ambient

*Stainless Steel latches are recommended for the following applications: swimming pools due to chlorine, food processing due to cleaning chemicals, car washes due to chemicals used, agriculture due to ammonia

SUITABLE APPLICATIONS

- Parking Garage
- Food Processing and Preparation (SS Latches)
- Pool Areas (SS Latches)
- Car Washes (SS Latches)

Ordering Guide

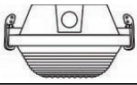





WT8	100WLED	UNIV	50	eg: RAFL
Series	LED	Driver	Color	Options
<input type="checkbox"/> WT8 Amazon 8ft	<input type="checkbox"/> 100WLED 2x36 Boards	<input type="checkbox"/> UNIV 120-277 Driver	<input type="checkbox"/> 30 <input type="checkbox"/> 40 <input type="checkbox"/> 50	<input type="checkbox"/> RPCL Ribbed Polycarbonate Lens (4ft Only) <input type="checkbox"/> RAFL Ribbed Acrylic Frosted Lens (recommended) <input type="checkbox"/> DPCL Deep Clear Lens <input type="checkbox"/> DPFL Deep Frosted Lens <input type="checkbox"/> CORDWx Wet Location Strain Relief Cord (x = ft) <input type="checkbox"/> SD480 480V Step Down Transformer <input type="checkbox"/> SD347 347V Step Down Transformer <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"/> SS Stainless Steel Latches <input type="checkbox"/> TPS Tamper Proof Screws <input type="checkbox"/> DIM 0-10V Dimmable Driver <input type="checkbox"/> FIOS On/Off Occupancy Sensor Installed <input type="checkbox"/> FIOSPC On/Off Occupancy Sensor w/ Photocell <input type="checkbox"/> WLOS Wet Location Occupancy Sensor <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"/> BDxxPC Preset Bi-level Dim Sensor w/ Photocell <input type="checkbox"/> DHPC Daylight Harvesting <input type="checkbox"/> PCxxx Photocell (xxx = Voltage)

*Battery Backup Options See Field Installed LED BB Sheet.

8FT AMAZON - 100W LED

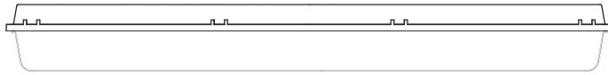
WET LOCATION

	Wide (2 Light)	Nominal Length	Width	Length	Depth
Lineal Ribbed Diffuser		4'	6.40"	51.37"	4.25"
		8'	6.40"	99.50"	4.25"
Deep Clear Lens		4'	6.40"	51.37"	5.63"
		8'	6.40"	99.50"	5.63"

Lineal Ribbed Diffuser 4' and 8' Lengths



Deep Clear Lens 4' and 8' Lengths



MOUNTING OPTIONS

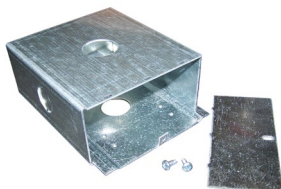
- **SS Mountinf Brackets** for drill-free surface mounting (2brackets standard)
- **Fixture Mounting Box (FMB)** - Includes rigid box to attach to the fixture, provides for single point mounting to accept a pendant, hook, or conduit hub (sold separately).



Drill-Free Stainless Steel Mounting Brackets



HOOK



FMB



AB/45DEG



HUB 3/4 CONDUIT

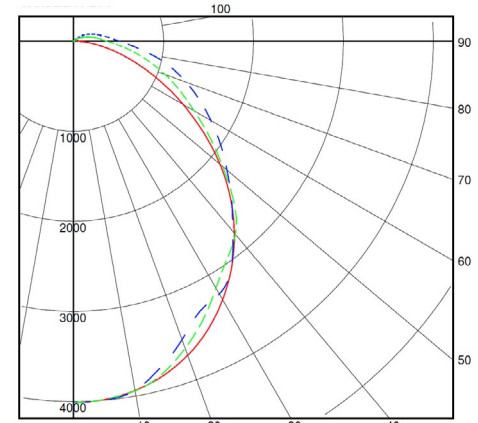
WT8-100WLED-UNIV-5000K-RAFL

LUMINAIRE OUTPUT = 11820 LMS
120.0V 0.9670A 115.4W PF=0.995

SUMMARY DATA


HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0%
EFFICIENCY (Downlight):	95.1%
EFFICIENCY (Uplight):	4.9%
CIE CLASSIFICATION:	DIRECT
SPACING CRITERION: (0-Deg):	1.23
SPACING CRITERION: (90-Deg):	1.21
LUMENS/LAMP:	11824.4
NO. OF LAMPS:	1
LUMINOUS OPENING: RECTANGULAR:	
Width:	0.44 (Feet)
Length:	8.34
Height:	0.17
INPUT WATTS:	115.4

PLANE AND CONE DIAGRAM



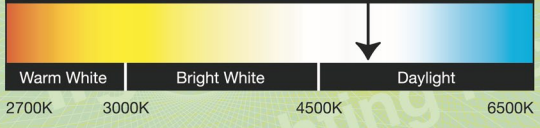
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

Industrial Lighting Products



lighting facts®

A Program of the U.S. DOE

Light Output (Lumens)	11820
Watts	115.4
Lumens per Watt (Efficacy)	102.43
Color Accuracy	
Color Rendering Index (CRI)	83
Light Color	
Correlated Color Temperature (CCT) 5000 (Daylight)	
	
2700K	3000K
4500K	6500K
<small>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.</small>	
Visit www.lightingfacts.com for the Label Reference Guide.	
<small>Registration Number: -K8LH3F (9/17/2014) Model Number: WT8-100WLED-UNIV-5000K-FRAL Type: Luminaire - Linear</small>	