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

ILP

AMAZON 8FT - 160W 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 (Std)*
- 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

REPLACES 2T12HO, 4T5HO, or 250W MH

IP67 Water Immersion Dustproof

Optional
Deep Frosted Lens
(DPFL)

LED SYSTEM

Board (Nichia Chips)	4 x 36
Calculated L$_{70}$ (TM-21)	57,000 hours
Delivered Lumens	11,346 lm
Total Input Watts	159.88 W
Luminaire Efficacy Rating (LER)	70.97 lm/W
Correlated Color Temperature (CCT)	5000 K
Color Rendering Index (CRI)	> 80
Max Ambient Temp	100° F
Universal Driver	120-277 V

LED System data above based on WT-160WLED-UNIV-50
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)

NEMA4X · RECOVERY.GOV · 5 YEAR WARRANTY · INDUSTRIAL LIGHTING PRODUCTS ASSEMBLED IN THE U.S.A. · **IP65** Low Water Jet Dustproof · **IP66** High Water Jets Dustproof

Ordering Guide

WT8	160WLED	UNIV	50	eg: RAFL

Series		LED		Driver		Color	Options	
☐ **WT8**	Amazon 8ft	☐ **160WLED**	2x36 Boards	☐ **UNIV**	120-277 Driver	☐ 30	☐ RPCL	Ribbed Polycarbonate Lens (4 ft Only)
						☐ 40	☐ RAFL	Ribbed Acrylic Frosted Lens (recommended)
						☐ 50	☐ DPCL	Deep Clear Lens
							☐ DPFL	Deep Frosted Lens
							☐ CORDWx	Wet Location Strain Relief Cord (X = ft)
							☐ SD480	480V Step Down Transformer
							☐ SD347	347V Step Down Transformer
							☐ FI/ILBCP05	5W LED Factory Installed Battery Backup
							☐ FI/ILBCP07	7W LED Factory Installed Battery Backup
							☐ FI/ILBCP10	10W LED Factory Installed Battery Backup
							☐ FI/ILBCP12	12W LED Factory Installed Battery Backup
							☐ SS	Stainless Steel Latches
							☐ TPS	Tamper Proof Screws
							☐ DIM	0-10V Dimmable Driver
							☐ FIOS	On/Off Occupancy Sensor Installed
							☐ FIOSPC	On/Off Occupancy Sensor w/ Photocell
							☐ WLOS	Wet Location Occupancy Sensor
							☐ USDC	User Selectable Dimming Control
							☐ USBD	User Select Bi-level Dim w/ Occ. Sensor
							☐ BDxx	Preset Bi-level Dim Sensor (xx=% eg. 20,30)
							☐ BDxxPC	Preset Bi-level Dim Sensor w/ Photocell
							☐ DHPC	Daylight Harvesting
							☐ PCxxx	Photocell (xxx = Voltage)

Battery Backup Options See Field Installed LED BB Sheet.

AMAZON 8FT - 160W 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
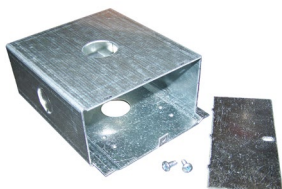
Deep Clear Lens 4' and 8' Lengths
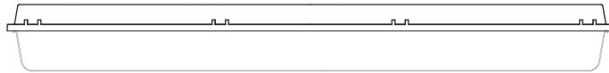
MOUNTING OPTIONS

- **SS Mounting Brackets** for drill-free surface mounting (2 brackets 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

FMB　　　**HUB 3/4 CONDUIT**　　　**HOOK**

WT8-160WLED-UNIV-5000K-RAFL

LUMINAIRE OUTPUT = 11336 LMS
120.0V 1342.6A 159.88W PF=0.992

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0%
EFFICIENCY (Down/Up):	92.7% / 7.3%
EFFICIENCY (Street/House):	55.1% / 44.9%
ROADWAY CLASSIFICATION:	TYPE II / VERY SHORT
CUTOFF CLASSIFICATION::	NONCUTOFF
LUMENS/LAMP:	11341.71
NO. OF LAMPS:	1
LUMINOUS OPENING: RECTANGULAR:	
Width:	0.54 (Feet)
Length:	8.29
Height:	0.09
INPUT WATTS:	159.88

PLANE AND CONE DIAGRAM

Max plane at H = 180　　Max cone at V = 15
MAX CANDLEPOWER: 4371
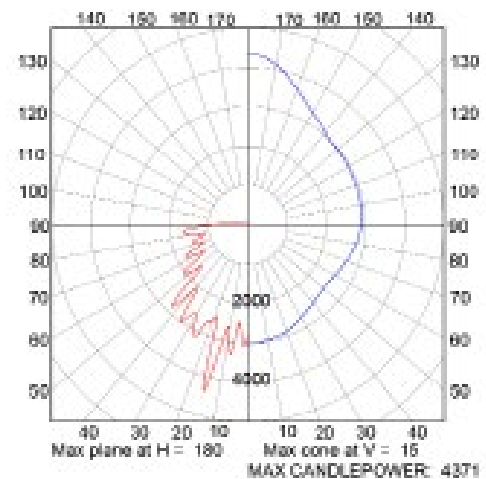
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com
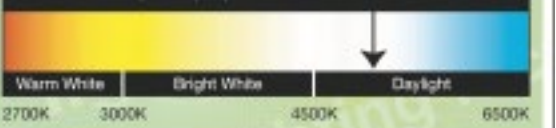
LED lighting facts®
A Program of the U.S. DOE

Industrial Lighting Products

Light Output (Lumens)	16070
Watts	177.2
Lumens per Watt (Efficacy)	90.69
Color Accuracy Color Rendering Index (CRI)	82

Light Color
Correlated Color Temperature (CCT)　　5102 (Daylight)

Warm White	Bright White	Daylight
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 -YKC4JR (1/18/2015)
Model Number: WT8-160WLED-UNIV-5000K
Type: Luminaire - Industrial