



GLADETINO™ D824-LED

Low Profile Gladetino Luminaire

Performance Data

CRI

70+, 95 Optional

CCT

3000K, 3500K, 4000K,
5000K, Amber

Projected Lifetime

286,000 Hours (L70)
181,000 Hours (L80)

Dimming

0-10V Dimming Standard,
10% to 100%

Operating Temperature

-40°C to +55°C Ambient

IP Rating

IP67

Client: _____ Order #: _____
Project Name: _____ Type: _____ Qty: _____



ETL

Listed

DSKY

Dark Sky
Compliant

DLC

Listed

10 Yr

Warranty
Including Labor

USA

Buy American
Act Compliant

Description

Style combined with elegance. The Gladetino luminaire provides an aesthetically pleasing addition to any roadway or parking lot with its smooth, defined curves and highly functional optics that provide maximum lumen output while ensuring beam uniformity. The combination of form and function blend together to make Gladetino the premier outdoor lighting fixture. Dark Sky compliant when ordered at 3000K color temperature.

Features

- Spun-aluminum top is finished in polyester powder coat.
- Die cast aluminum housing and front frame, integral heat sinking and driver compartment.
- Powder coat finish over a chromatic conversion coating.
- 8 mounting brackets available, including the new adjustable wall mount
- Weight: 15lbs; EPA: 0.60ft²
- Available with rotated optics for horizontal throw (View pg
- Type V Wide, and 15° flood optics coming soon.
- 0-10V Dimming Standard on all models
- DLC Listed for Utility Rebates (Please view DLC matrix on pg 6)
- ETL Listed for Wet Locations
- Dark Sky compliant when ordered at 3000K color temperature
- 3G Vibration Tested for Roadways

D824-LED

A

B

C

D

LP

E

F

G

H

I

Ordering Information

A FIXTURE SERIES

D824-LED Gladetino Area
Luminaire

B WATTAGE/LUMENS

20	22W*/3121³
30	28W*/3986³
40	38W*/5203³
60	56W*/7621³
80	75W*/10041³
100	104W*/14131³
120	113W*/15383³
150	149W*/17934³

C CCT

30	3000K
35	3500K
40	4000K
50	5000K⁴
A	Amber

D VOLTAGE

UNV	120/277V
347	347V
480	480V⁵

E BODY TYPE

LP Low Profile

F OPTICS

T2	Type II
T3	Type III
T4	Type IV
T4A	Front Row
T5	Type V
40	40° Narrow Flood
55	55° Medium Flood
70	70° Wide Flood

G MOUNTING

PM	Pole Mount
WB	Wall Bracket
RPMA	Round Pole Mount Adapter⁸
LYM	Heavy Duty Large Yoke Mount
YM	Yoke Mount
SF	Slip Fitter
PMA	Pole Mounting Arm Adapter 2%
AWM	Adjustable Wall Mount

H FINISH

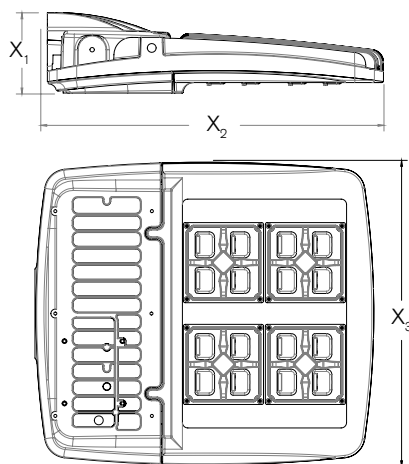
BZ	Bronze¹
BL	Black
WH	White
SL	Silver
CU	Custom²

I OPTIONS

PC	Photocell (Twist Lock)
MS	Motion Sensor (with Dimming)⁵,¹⁰
95	95 CRI
GS	Glare Shield/ House Side Shield
7P	NEMA 7-Pin Receptacle¹⁰
7R	NEMA 7-Pin Receptacle & Photocell¹⁰
D4	Stand-Alone Scheduled Dimming
R	Rotated Right Optics⁹
L	Rotated Left Optics⁹

¹ Standard for fixture² Contact factory for custom finish³ Delivered Lumens (5000K Type III distribution)⁴ Standard Color Temp.⁵ 20ft mounting height lens standard. Contact factory for higher mounting.⁶ 480V option only available on models 60W and higher.⁷ DLC Listed Wattages (View DLC Matrix on Page 6 for models currently listed)⁸ Must be ordered in conjunction with the Pole Mount Bracket⁹ View illustration of rotated optics on Page 6¹⁰ MS option not available in conjunction with 7R or 7P

Dimensions



	Inches
X ₁	3.5
X ₂	15
X ₃	13.38

Length with Mounts:

Pole Mount (PM)	19.3"
Wall Bracket (WB)	15.81"
Large Yoke (LYM)	18"
Yoke (YM)	20.81"
Slip Fitter (SF)	22.43"
Adjustable Wall Mount (AWM)	19.75"
Pole Mount Arm (PMA)	19.1"

Motion Sensor & Bi-Level

FSP-211

The FSP-211 mounts in an outdoor lighting fixture and provides multi-level control based on motion. The sensor also includes a photocell to measure the ambient light level. It controls 0-10 VDC LED drivers and with an SFP-LX Lens, is rated for wet and cold locations. All control parameters are adjustable via a wireless configuration tool capable of storing and transmitting sensor profiles.

Key Factors:

- Full adjustable high and low dimmed light levels.
- Designed for LED fixtures; rated for extreme temperatures and up to 200,000 on/off cycles
- Hold off set point with automatic calibration option for convenience and added energy savings
- Adjustable via hand-held wireless configuration tool
- IP66 rated with choice of lenses for wet and outdoor locations and mounting heights from 8'
- Adjustable time delay and cut off delay
- 120-277V Standard (347V or 480V with FSP-201 model)

Photocell

*Twist-lock photocell only when ordered without motion sensor. When paired with a motion sensor, the FSP-211 sensor (FSP-201 for 347V or 480V) is used for both motion sensing and photo sensing capabilities.



Stand-Alone Scheduled Dimming
DIMULATOR 4

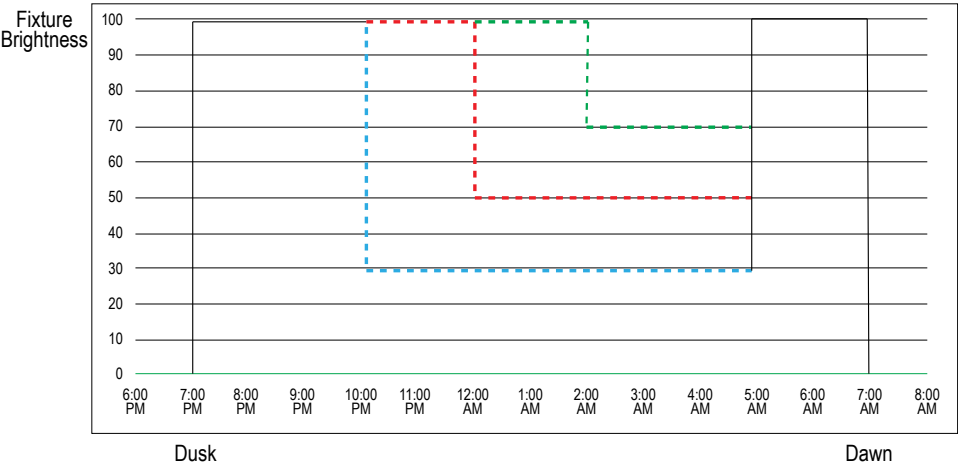
- FEATURES:
- Saves power, saves money, quickly pays for itself
 - Advanced time/date algorithm auto-adjusts for daylight savings
 - Just plug it in - will automatically synchronize to local time
 - Advanced light sensor, only reacts to sunlight
 - Immune to LED and other artificial light
 - No false activations (no cycling)
 - May be oriented in any direction

- BENEFITS:
- No Network Required
 - Extend the life of the Fixture
 - Long Life Photocontrol features
 - AM Ramp up to Full Brightness
 - Robust Surge Protection - 40k Amp MOV/640Joule
 - Light Diagnostic on Installation



Schedule Setting:
10 Position Selector Switch

SWITCH POSITION	DIMMING % - TIME
0	No Dimming
1	30%-10 pm, for 7 hrs
2	50% - 10 pm, for 7 hrs
3	70% - 10 pm, 7 hrs
4	30% - Midnight, for 5 hrs
5	50% - Midnight, for 5 hrs
6	70% - Midnight, for 5 hrs
7	30% - 2 am, for 3 hrs
8	50% - 2 am, for 3 hrs
9	70% - 2 am, for 3 hrs

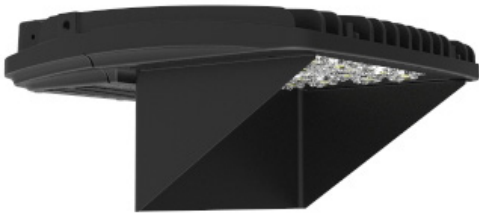


Options

Glare Shield



House Shield

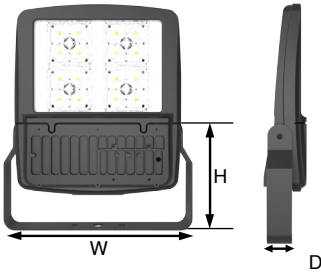


Other Views

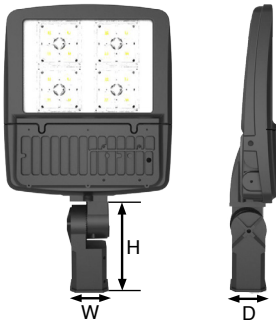


Mounting Options

LARGE YOKE MOUNT



SLIP FITTER



POLE MOUNT



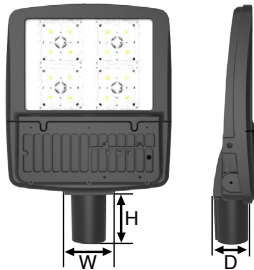
ROUND POLE MOUNT ADAPTER



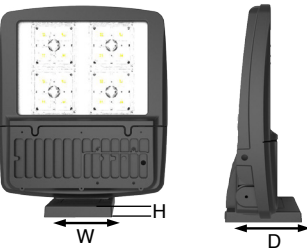
YOKE MOUNT



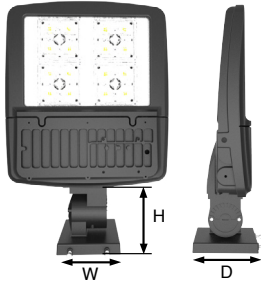
POLE MOUNTING ARM ADAPTER



WALL BRACKET

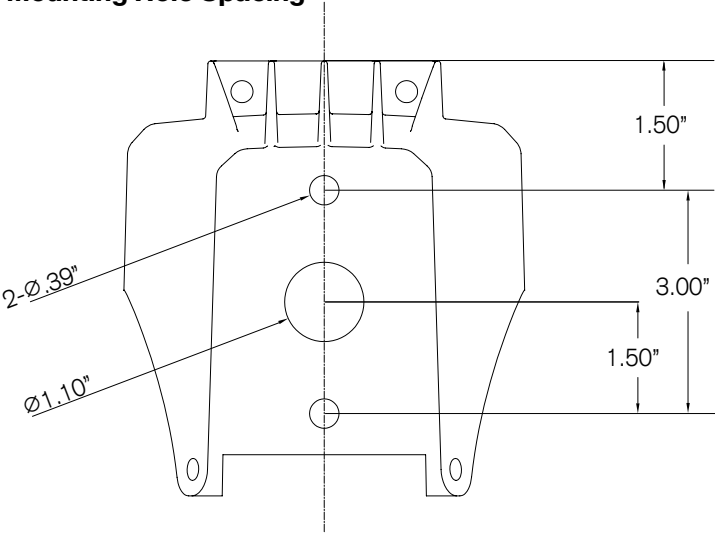


ADJUSTABLE WALL MOUNT

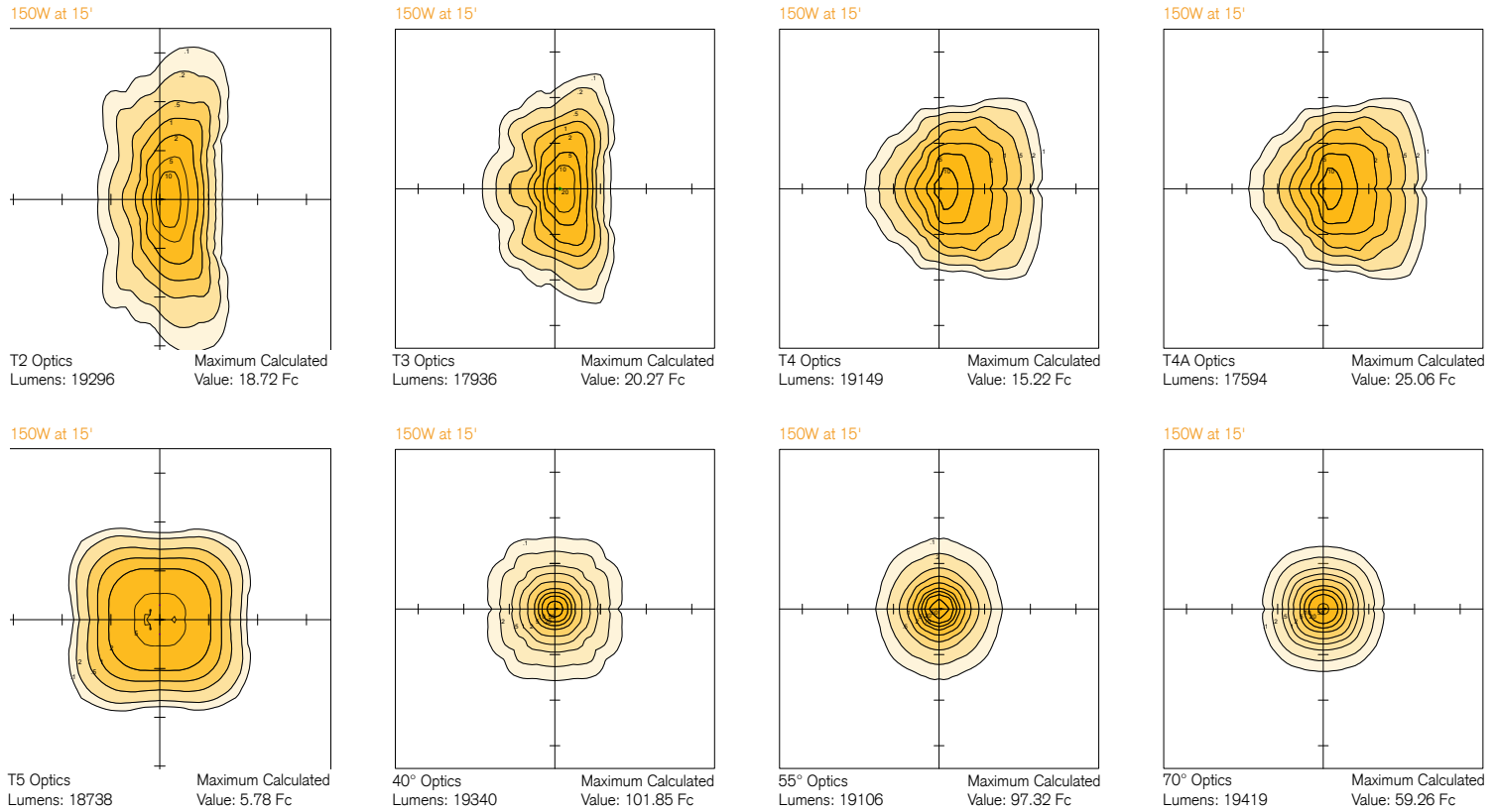


	H	W	D
Large Yoke Mount	8.52"	15.23"	1.77"
Slip Fitter	6.60"	3.46"	2.80"
Pole Mount	4.33"	5.37"	5.83"
Round Pole Mount Adapter	5.33"	5.37"	5.83"
Yoke Mount	5.70"	5.34"	2.52"
Pole Mounting Arm Adapter	4.09"	3.94"	3.65"
Wall Bracket	0.83"	4.86"	5.60"
Adjustable Wall Mount	4.75"	4.86"	5.60"

Mounting Hole Spacing



Photometrics



Lumen Chart (5000K)

SYMMETRIC DISTRIBUTION - 5000K LUMEN OUTPUT

MODEL NUMBER	SYSTEM WATTAGE	TYPE 5	B-U-G RATING			40° FLOOD	B-U-G RATING			55° FLOOD	B-U-G RATING			70° FLOOD	B-U-G RATING		
D824-LED-20-50-UNV-LP	18W	2687	2	1	1	2628	2	1	1	2628	2	1	1	2650	2	1	1
D824-LED-30-50-UNV-LP	22W	4048	2	1	1	3958	2	1	1	3958	3	1	1	3992	2	1	1
D824-LED-40-50-UNV-LP	35W	5354	3	1	1	5235	3	1	1	5235	3	1	1	5280	3	1	1
D824-LED-60-50-UNV-LP	56W	8246	3	1	2	8064	3	1	1	8064	3	1	1	8133	3	1	1
D824-LED-80-50-UNV-LP	75W	10123	3	1	2	9729	4	1	1	9775	4	1	1	9612	3	1	1
D824-LED-120-50-UNV-LP	113W	15086	4	1	2	13220	4	1	1	13283	4	1	1	13061	4	1	1
D824-LED-150-50-UNV-LP	149W	18739	4	1	2	16704	5	1	1	16784	5	1	2	16504	4	1	1

ASYMMETRIC DISTRIBUTION - 5000K LUMEN OUTPUT

MODEL NUMBER	SYSTEM WATTAGE	TYPE 2	BUG RATING			TYPE 3	BUG RATING			TYPE 4	BUG RATING			TYPE 4A	BUG RATING		
D824-LED-20-50-UNV-LP	18W	2682	1	1	1	2722	1	1	1	2610	1	1	1	2736	1	1	1
D824-LED-30-50-UNV-LP	22W	4041	1	1	2	4100	1	1	1	3932	1	1	1	4121	1	1	1
D824-LED-40-50-UNV-LP	35W	5344	1	1	2	5422	1	1	1	5200	1	1	1	5451	1	1	1
D824-LED-60-50-UNV-LP	56W	8232	2	1	2	8352	2	1	2	8009	1	1	2	8396	2	1	1
D824-LED-80-50-UNV-LP	75W	9723	2	1	3	10041	2	1	2	9650	2	1	2	10064	2	1	1
D824-LED-120-50-UNV-LP	113W	13212	3	1	3	15383	3	1	3	13113	2	1	2	15046	3	1	2
D824-LED-150-50-UNV-LP	149W	16695	3	1	4	17934	3	1	3	16695	3	1	3	17605	3	1	2

*To scale to other color temperatures, multiply 5000K values by 0.98 for 4000K, 0.95 for 3500K, or 0.93 for 3000K

DLC Listed

	120-277V ONLY				120-277V, 347V, AND 480V		
	20W	30W	40W	60W	80W	120W	150W
	All Optics	All Optics	All Optics	All Optics	All Optics	All Optics	All Optics
3000K	X	X	X	X	X	X	X
3500K	X	X	X	X	X	X	X
4000K	X	X	X	X	X	X	X
5000K	X	X	X	X	X	X	X

95 CRI Lumen Output

DELIVERED LUMEN OUTPUT

	5000K	4000K	3500K	3000K	AMBER
Standard	100%	98%	95%	93%	70%
95 CRI	78%	75%	73%	67%	--

Use above multipliers relative to the 5000K delivered lumen output of the desired optic distribution below to calculate 95 CRI light output.

Rotated Optics