# GLADETINO™ D826-LED

## Large Low Profile Gladetino Luminaire

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.

| | |
|---|---|
| Client: | |
| Order#: | |
| Project: | |
| Type: | |



## FEATURES

- Die cast aluminum housing and front frame, integral heat sinking and driver compartment.
- Powder coat finish over a chromatic conversion coating.
- Mounts with two-piece bracket, yoke, adjustable slipfitter, Pole Mounting arm or 2-3/8" diameter mounting arm adapter
- Weight: 30lbs; EPA: 1.0ft2
- Available with rotated optics for horizontal throw (View pg 6)
- 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(On 320W model only T2, T3, and 40 degree flood are Dark Sky compliant)
- 3G Vibration Tested for Roadways
- Photocell receptacle included standard and shorting cap11

BABA COMPLIANT · INTERTEK ETL LISTED · DLC LISTED PREMIUM · DARKSKY APPROVED · 5Yr Warranty (10 optional)

## PERFORMANCE DATA

| Model Number | CCT | CRI | Projected Lifetime | Dimming | Operating Temperature | IP Rating | Warranty |
|---|---|---|---|---|---|---|---|
| Large Low Profile Gladetino Luminaire | 3000K, 3500K, 4000K, 5000K, Amber | 70+, 95 Optiona | 286,000 Hours (L70) 181,000 Hours (L80) | 0-10V Dimming Standard, 10% to 100% | -40°C to +55°C Ambient | IP65 | 5 year Standard<br>10 year Optional |

## ORDERING INFORMATION

D826-LED / _____ / MCCT / _____ / LP / _____ / _____ / _____ / _____ / _____ / _____ /

SERIES · WATTAGE/LUMENS · CCT · VOLTAGE · BODY TYPE · OPTICS · MOUNTING · FINISH · OPTIONS · WARRANTY

| FIXTURE SERIES | |
|---|---|
| D826-LED | Large Gladetino Area Luminaire |

| WATTAGE/LUMENS | |
|---|---|
| 160 | 160W/20040[3,7] |
| 180 | 180W/22500[3,7] |
| 200 | 200W/24970[3,7] |
| 240 | 240W/30000[3,7] |
| 260 | 260W/31830[3,7] |
| 280 | 280W/33400[3,7] |
| 320 | 320W/35960[3,7] |

| CCT | |
|---|---|
| 30 | 3000K |
| 35 | 3500K |
| 40 | 4000K |
| 50 | 5000K[4] |
| A | Amber |

| VOLTAGE | |
|---|---|
| UNV | 120-277V |
| 347 | 347V[6] |
| 480 | 480V[6] |

| BODY TYPE | |
|---|---|
| LP | Low Profile |

| 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 |

| MOUNTING | |
|---|---|
| PM | Pole Mount |
| WB | Wall Bracket |
| RPMA | Round Pole Mount Adapter[8] |
| LYM | Heavy Duty Large Yoke Mount |
| YM | Yoke Mount |
| SF | Slip Fitter |
| PMA | Pole Mounting Arm Adapter 2[3/8] |

| FINISH | |
|---|---|
| BZ | Bronze[1] |
| BL | Black |
| WH | White |
| SL | Silver |
| CU | Custom[2] |

| OPTIONS | |
|---|---|
| PC | Photocell (Twist Lock) |
| MS | Motion Sensor (with Dimming)[5,10] |
| 9 | 95 CRI |
| H | Glare Shield/ House Side Shield |
| 7P | Large Gladetino Area Luminaire |
| 7R | NEMA 7-Pin Receptacle & Photocell[10] |
| D | Stand-Alone Scheduled Dimming |
| R | Rotated Right Optics[9] |
| L | Rotated Left Optics[9] |
| N | None |

| WARRANTY[12] | |
|---|---|
| 5 | 5 Year Warranty |
| 10 | 10 Year Warranty Optional |

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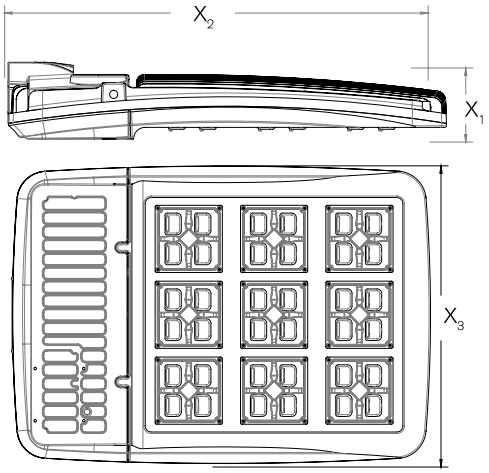
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DECO® | LIGHTING

[1] Standard for fixture
[2] Contact factory for custom finish
[3] Delivered Lumens (5000K Type III distribution) - See full lumen chart on Page 5 for other optics and CCT
[4] Standard Color Temperature
[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 Bracket
[9] View illustration of rotated optics on Page 6
[10] MS option not available in conjunction with 7R or 7P
[11] If D4 or photocell not selected than shorting cap is required
[12] 5 year standard unless specified

## Dimensions




| | Inches |
|---|---|
| $X_1$ | 3.86 |
| $X_2$ | 22.1 |
| $X_3$ | 15.7 |

## Length with Mounts:

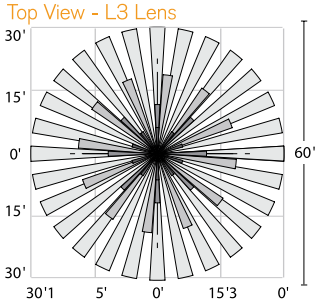
| | |
|---|---|
| Pole Mount (PM) | 27.6" |
| Wall Bracket (WB) | 23.7" |
| Large Yoke (LYM) | 26.16" |
| Yoke (YM) | 27.78" |
| Slip Fitter (SF) | 29.4" |
| Pole Mount Arm (PMA) | 26.13" |

## Bi-Level & Daylight Harvest PIR Sensor

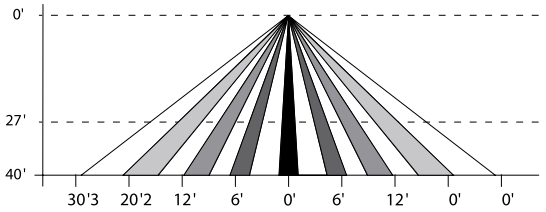


- Slim, low-profile sensor is designed for installation inside the bottom of a light fixture.
- Provides multi-level control based on motion and/or daylight contribution.
- 30' range sensitivity detector.
- Works with ballasts or LED drivers.
- Adjustable light levels and stand-by time.
- Constructed out of fire retardant polycarbonate material that is UV and impact resistant.

Top View - L3 Lens




Side View - L3 Lens




## 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.



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## 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

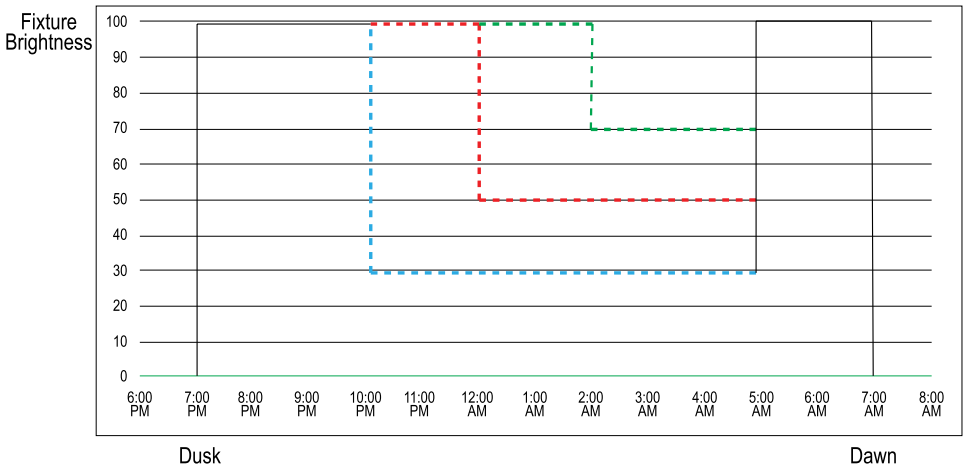
BENEFITS:

- 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





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## Mounting Options

LARGE YOKE MOUNT




SLIP FITTER




POLE MOUNT




ROUND POLE MOUNT ADAPTER




*Fits 3-4" Pole

YOKE MOUNT




POLE MOUNTING ARM ADAPTER

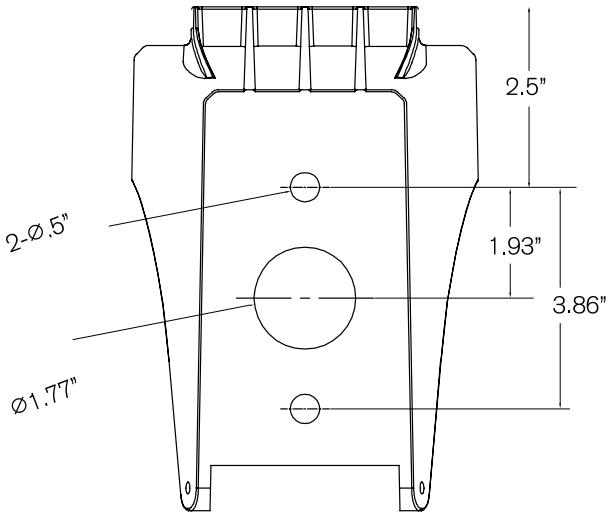



WALL BRACKET




| | H | W | D |
|---|---|---|---|
| Large Yoke Mount | 10.4" | 15.23" | 2.00" |
| Slip Fitter | 6.60" | 3.46" | 2.80" |
| Pole Mount | 5.60" | 3.80" | 6.00" |
| Round Pole Mount Adapter | 6.60" | 3.80" | 6.00" |
| Yoke Mount | 5.70" | 5.34" | 2.52" |
| Pole Mounting Arm Adapter | 4.09" | 3.94" | 3.65" |
| Wall Bracket | 1.57" | 3.82" | 7.87" |

## Mounting Hole Spacing




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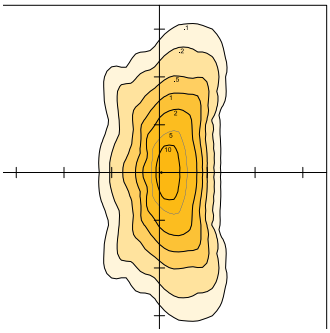
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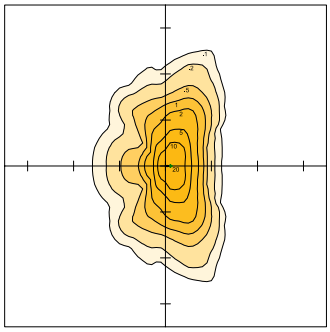
## Photometrics

320W at 24'



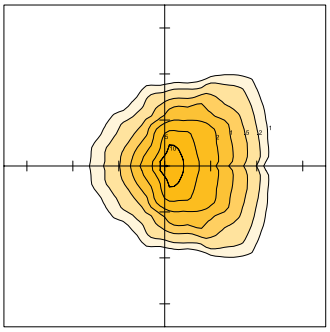
T2 Optics
Lumens: 40295
Maximum Calculated
Value: 16.08 Fc

320W at 24'



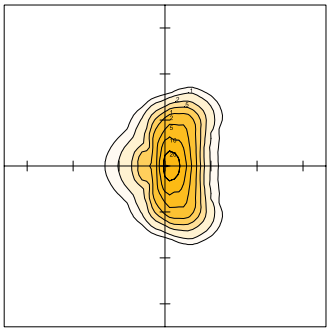
T3 Optics
Lumens: 39663
Maximum Calculated
Value: 17.83 Fc

320W at 24'



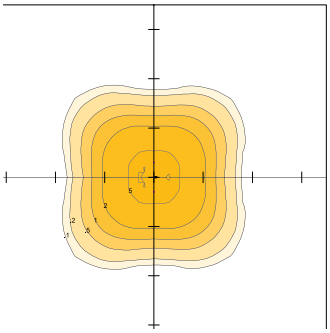
T4 Optics
Lumens: 39040
Maximum Calculated
Value: 12.42 Fc

320W at 24'



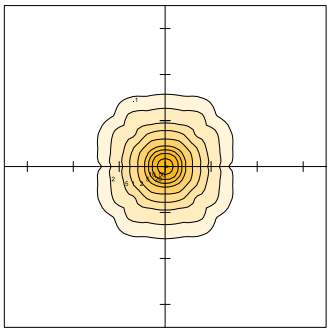
T4A Optics
Lumens: 35915
Maximum Calculated
Value: 21.96 Fc

320W at 24'



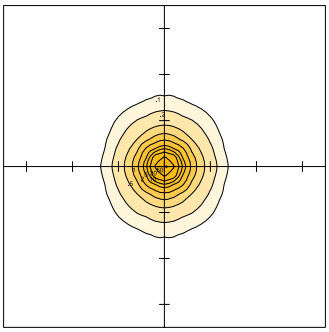
T5 Optics
Lumens: 35963
Maximum Calculated
Value: 4.33 Fc

320W at 24'



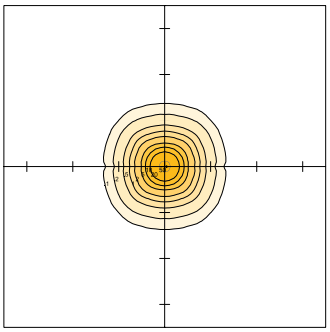
40° Optics
Lumens: 39299
Maximum Calculated
Value: 83.43 Fc

320W at 24'



55° Optics
Lumens: 39571
Maximum Calculated
Value: 76.65 Fc

320W at 24'



70° Optics
Lumens: 39482
Maximum Calculated
Value: 48.55 Fc

## Photometrics

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 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D826-LED-160-50-UNV-LP | 151W | 20037 | 4 | 1 | 2 | 20784 | 5 | 1 | 1 | 20928 | 5 | 1 | 2 | 20881 | 4 | 1 | 1 |
| D826-LED-180-50-UNV-LP | 169W | 22492 | 5 | 1 | 3 | 24903 | 5 | 1 | 2 | 25075 | 5 | 1 | 2 | 25019 | 5 | 1 | 2 |
| D826-LED-200-50-UNV-LP | 186W | 24971 | 5 | 1 | 3 | 29058 | 5 | 1 | 2 | 29259 | 5 | 2 | 2 | 29194 | 5 | 1 | 2 |
| D826-LED-240-50-UNV-LP | 222W | 29999 | 5 | 2 | 3 | 30472 | 5 | 1 | 2 | 30683 | 5 | 2 | 2 | 30614 | 5 | 1 | 2 |
| D826-LED-260-50-UNV-LP | 244W | 31815 | 5 | 2 | 4 | 33243 | 5 | 1 | 2 | 33473 | 5 | 2 | 2 | 33398 | 5 | 2 | 2 |
| D826-LED-280-50-UNV-LP | 266W | 33414 | 5 | 2 | 4 | 34711 | 5 | 1 | 2 | 34951 | 5 | 2 | 2 | 34873 | 5 | 2 | 2 |
| D826-LED-320-50-UNV-LP | 311W | 35962 | 5 | 2 | 4 | 39299 | 5 | 1 | 2 | 39571 | 5 | 2 | 3 | 39482 | 5 | 2 | 2 |

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 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D826-LED-160-50-UNV-LP | 151W | 21311 | 3 | 1 | 4 | 20975 | 3 | 1 | 3 | 20647 | 3 | 1 | 3 | 20011 | 3 | 1 | 2 |
| D826-LED-180-50-UNV-LP | 169W | 25534 | 3 | 1 | 5 | 23718 | 3 | 1 | 3 | 24739 | 3 | 1 | 3 | 22363 | 3 | 1 | 2 |
| D826-LED-200-50-UNV-LP | 186W | 29795 | 3 | 1 | 5 | 26522 | 3 | 1 | 3 | 28867 | 3 | 1 | 4 | 24728 | 3 | 1 | 2 |
| D826-LED-240-50-UNV-LP | 222W | 31244 | 4 | 2 | 5 | 32311 | 4 | 1 | 4 | 30271 | 3 | 1 | 4 | 29482 | 3 | 1 | 3 |
| D826-LED-260-50-UNV-LP | 244W | 34085 | 4 | 2 | 5 | 34454 | 4 | 1 | 4 | 33024 | 3 | 1 | 4 | 31385 | 3 | 1 | 3 |
| D826-LED-280-50-UNV-LP | 266W | 35591 | 4 | 2 | 5 | 36394 | 4 | 1 | 4 | 34482 | 3 | 1 | 4 | 33091 | 3 | 1 | 3 |
| D826-LED-320-50-UNV-LP | 311W | 40295 | 4 | 2 | 5 | 39664 | 4 | 1 | 4 | 39040 | 3 | 2 | 5 | 35907 | 3 | 1 | 3 |

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

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## DLC Listed

ALL VOLTAGES 120-277V, 347V, AND 480V

| | 160W | 180W | 200W | 240W | 260W | 280W | 320W |
|---|---|---|---|---|---|---|---|
| | 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

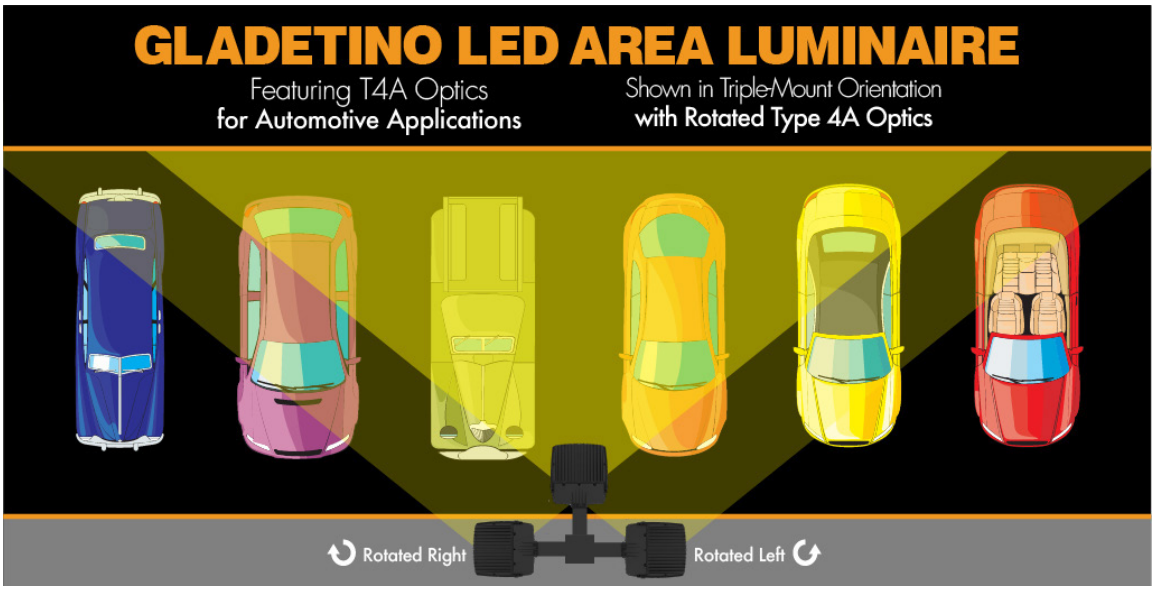
| | 5000K | 4000K | 3500K | 3000K | AMBER |
|---|---|---|---|---|---|
| Standard | 100% | 98% | 95% | 93% | 70% |
| 95 CRI | 78% | 75% | 73% | 67% | -- |

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

## Projected LED Maintenance

| Operating Hours | 0 | 25,000 | 50,000 | 75,000 | 100,000 |
|---|---|---|---|---|---|
| Lumen Maintenance Factor | 25°C (77°F) Ambient Outdoor Temp | | | | |
| | 1 | 0.97 | 0.94 | 0.91 | 0.88 |
| | 55°C (131°F) Ambient Outdoor Temp | | | | |
| | 1 | 0.91 | 0.84 | 0.78 | 0.72 |

## Rotated Optics




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