# Unni Arm

## Area Luminaire

Arm-mount LED area luminaire with seamless, organic styling drawn from nature — built for urban and roadway environments. An internal hidden rotating-axis structure allows tool-free entry without compromising the exterior design, while a self-cleaning body resists water, dust, and bird droppings. Ideal for city centers, parks, plazas, pathways, riverside, and residential streets.

- Optics: Type II, III, IV, V as standard
- Internal hidden rotating-axis structure for tool-free entry
- Arm mount fits round poles, square poles, or walls
- Dynamic thermal regulation under extreme temperatures
- Self-cleaning body resists water, dust & bird droppings
- Replaceable driver unit and control gear
- 0–10V / 1–10V, DALI, Timer, NEMA & Zigbee smart controls
- 6kV surge standard (10kV on the 78.5W); 10kA / 20kA optional



ETL | DLC | CE | RoHS | IP66

| | |
|---|---|
| LUMEN OUTPUT | Up to 9,700 lm |
| EFFICACY | 110–133 lm/W |
| COLOR TEMP / CCT | 2700K · 4000K · 5000K · 5700K (factory bands 2700–3000K / 3700–4000K / 4700–5000K / 5400–5700K) |
| CRI | 70 standard / 80 optional (Ra) |
| DISTRIBUTION | Type II · III · IV · V (S) |
| WATTAGE | 24 / 35 / 58 / 78.5W |
| VOLTAGE | 100–277V AC · 347–480V AC on request |
| POWER FACTOR | >0.92 |
| DIMMING | 0–10V / 1–10V · DALI · Timer · NEMA · Zigbee · Sensor |
| SURGE PROTECTION | 6kV standard (10kV on 78.5W) · 10kA / 20kA optional |

| | |
|---|---|
| DRIVER | Replaceable · Osram OPTOTRONIC optional |
| FINISH | Dark Bronze, Light Gray, Black |
| OPERATING TEMP | –40°F to 122°F |
| IP / IMPACT | IP66 / IK09 |
| MATERIAL | Die-cast aluminum · PC lens · tempered glass · finish 1500 h salt spray |
| MOUNTING | Arm mount — fits 3.0–4.5″ (76–114 mm) OD round poles, larger square poles, or walls |
| DIMENSIONS | 20.4″ L (518 mm) · 3.7″ H (94 mm) |
| LIFETIME | L80 > 60,000 h |
| WARRANTY | 5-Year Limited |

# ORDERING

CONFIGURE YOUR PART NUMBER USING THE OPTIONS BELOW.

| MODEL | WATTAGE | VOLTAGE | CCT | CRI | DISTRIBUTION | MOUNTING | OPTIONS | FINISH |
|---|---|---|---|---|---|---|---|---|
| UNNI ARM | **24** 24W<br>**35** 35W<br>**58** 58W<br>**78** 78.5W | **U** 100–277V<br>**H** 347–480V | **27** 2700K<br>**40** 4000K<br>**50** 5000K<br>**57** 5700K | **70** Ra70<br>**80** Ra80 | **T2** Type II<br>**T3** Type III<br>**T4** Type IV<br>**T5** Type V | **AM** Arm mount | **N** None<br>**DV** 0/1–10V dim<br>**DA** DALI<br>**TM** Timer | **DBZ** Dark Bronze<br>**GY** Light Gray<br>**BK** Black |

**Build Your Order Code** — example values shown in grey

| MODEL | WATTAGE | VOLTAGE | CCT | CRI | DISTRIBUTION | MOUNTING | OPTIONS | FINISH |
|---|---|---|---|---|---|---|---|---|
| UNNIARM | 58 | U | 40 | 70 | T3 | AM | DV | DBZ |

STANDARD FINISHES



DBZ
Dark Bronze



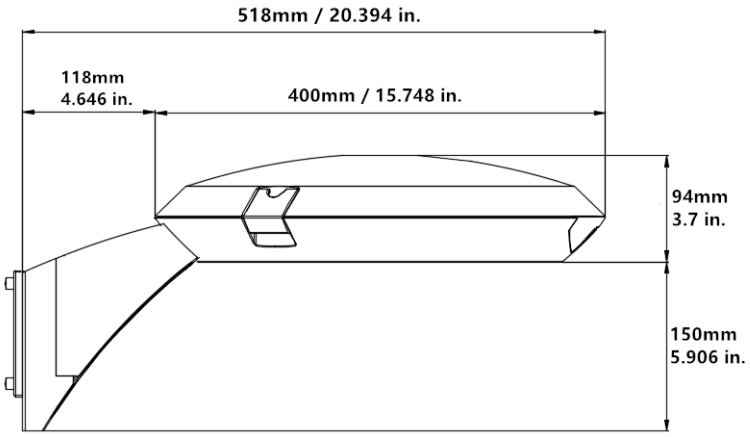
GY
Light Gray



BK
Black

# DIMENSIONS

| DIMENSION | VALUE |
|---|---|
| **Luminaire length** | 20.4″ (518 mm) |
| **Optic body length** | 15.7″ (400 mm) |
| **Luminaire height** | 3.7″ (94 mm) |
| **Arm drop** | 5.9″ (150 mm) |
| **EPA** | 0.53 sq ft |



# OPTIONS

### DIMMING

| | |
|---|---|
| DV | 0–10V & 1–10V dimmable (10–100%) |
| DA | DALI control gear — dim-to-off |
| TM | Timer — 3 modes (Midnight / Percentage / Traditional) |

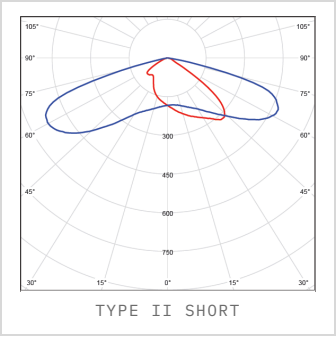
### CONTROLS & SENSORS

| | |
|---|---|
| N3 | 3P NEMA socket — on/off photocontrol |
| N5 | 5P NEMA socket — wireless photocontrol + dimming |
| N7 | 7P NEMA socket — dimming + I/O connections |
| ZB | Zigbee module (7P NEMA) — Smart City |
| MW | Microwave motion sensor — on/off or dimming |

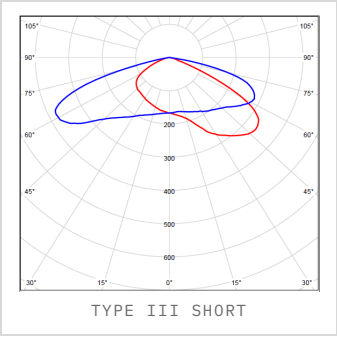
### SURGE PROTECTION

| | |
|---|---|
| S6 | 6kV common-mode surge — standard (24–58W) |
| S10 | 10kV surge — standard on the 78.5W model |
| K10 | 10kA SPD — optional |
| K20 | 20kA SPD — optional |

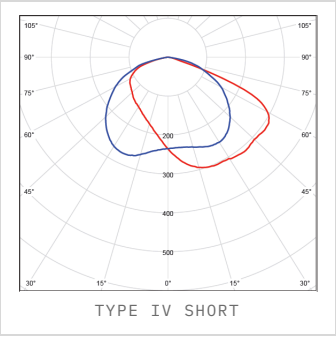
# PHOTOMETRY



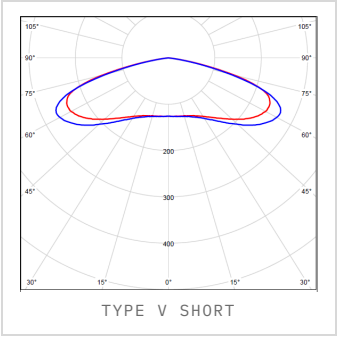
TYPE II SHORT



TYPE III SHORT



TYPE IV SHORT



TYPE V SHORT

### DELIVERED LUMENS & BUG RATINGS

| Optic | CCT | 24W | 35W | 58W | 78.5W |
|---|---|---|---|---|---|
| Type II | 4700–5000K | 3,093 lm | 4,122 lm | 7,390 lm | 9,700 lm |
| | BUG | B1 U1 G1 | B1 U1 G1 | B2 U1 G2 | B2 U1 G2 |
| Type III | 4700–5000K | 3,026 lm | 4,023 lm | 7,269 lm | 9,484 lm |
| | BUG | B1 U1 G1 | B1 U1 G1 | B2 U1 G2 | B2 U1 G2 |
| Type IV | 4700–5000K | 2,994 lm | 4,006 lm | 7,150 lm | 9,534 lm |
| | BUG | B1 U1 G1 | B1 U1 G1 | B2 U1 G2 | B2 U1 G2 |
| Type V | 4700–5000K | 2,749 lm | 3,695 lm | 6,590 lm | 8,753 lm |
| | BUG | B2 U1 G2 | B2 U1 G2 | B3 U1 G1 | B3 U1 G2 |

Delivered lumens & BUG ratings at 4700–5000K, CRI 70. The factory publishes no figures for the other CCT bands. Efficacy 110–133 lm/W.

**DISTRIBUTION** Type II · III · IV · V (S) **EFFICACY** 110–133 lm/W