

UNNI 2

LED Area Luminaire

A flat, fully round dual-leg post top for city centers, parks, plazas, and residential streets — head, arms, and spigot transition flush for a clean, discreet silhouette. The die-cast aluminum housing (IP66 · IK09) opens tool-free, powers off automatically when opened, and carries a replaceable driver. Five outputs from 25 to 98W with Type II–V optics and a full controls menu cover pathway to roadway duty.

- Five outputs, 25–98W — up to 11,581 lm · up to 135 lm/W
- Type II / III / IV / V optics
- Post-top mount for 2-3/8" or 3" tenon · flush mount on 2-3/8" or 3" (Ø60 / Ø76 mm) poles
- Tool-less entry · replaceable driver · auto power-off when opened
- 1–10V / DALI / timer dimming · NEMA sockets · Zigbee · motion sensor
- IP66 · IK09 die-cast housing · 5-year warranty



cETLus

DLC

CE

CB

TÜV

RoHS

IP66

LUMEN OUTPUT	Up to 11,581 lm
EFFICACY	Up to 135 lm/W
COLOR TEMP / CCT	2200K / 2700K / 4000K / 5000K / 6000K
COLOR QUALITY / CRI	80 (2200K–2700K) · 70 (4000K–6000K)
DISTRIBUTION	Type II (94°) · Type III (112°) · Type IV (112°) · Type V (137°)
WATTAGE	25 / 36 / 60 / 79 / 98W
VOLTAGE	100–277V 50/60Hz (347–480V: consult factory)
POWER FACTOR	>0.92 at full load
DIMMING / CONTROLS	1–10V dimmable (10–100%) · DALI dim-to-off · 3 timer modes
SURGE PROTECTION	6kV std (10kV on 79–98W) · S10 / K10 / K20 orderable
DRIVER	Replaceable driver & control gear · PF >0.92 · THD <10%

FINISH	Dark Bronze, Anthracite Grey, Black
OPERATING TEMP	–22°F to +95°F (–30°C to +35°C) · 113°F (45°C) extreme
IP / IMPACT	IP66 · IK09 · Wet Location
MATERIAL	Die-cast aluminum, 3.0–3.5 mm walls · molded silicone gasket · AISI 304 stainless hardware
LENS	PC optic + tempered glass
MOUNTING	Post-top slip fitter — 2-3/8" (SF2) or 3" (SF3) OD tenon · flush mount on 2-3/8" / 3" (Ø60 / Ø76 mm) poles
DIMENSIONS	Ø15.75" × 23.2" (Ø400 × 589 mm)
WEIGHT	19.8 lb (9.0 kg)
LIFETIME	60,000 hrs (L80, TM-21)
WARRANTY	5-Year Limited

Ordering & Dimensions

UNNI 2

CONFIGURE YOUR PART NUMBER USING THE OPTIONS BELOW.

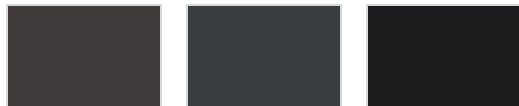
MODEL	WATTAGE	CCT	VOLTAGE	DISTRIBUTION	MOUNTING	CONTROLS	OPTIONS	SURGE	FINISH
UNNI 2	25 25W 36 36W 60 60W 79 79W 98 98W	22 2200K 27 2700K 40 4000K 50 5000K 60 6000K	U 100-277V H 347-480V*	T2 Type II T3 Type III T4 Type IV T5 Type V	SF2 Slip fitter · 2-3/8" tenon SF3 Slip fitter · 3" tenon FL2 Flush · 2-3/8" pole FL3 Flush · 3" pole	DV 1-10V dimming (standard) DA DALI TM Timer ZB Zigbee** MW Microwave	N None N3 NEMA 3-pin N5 NEMA 5-pin N7 NEMA 7-pin	S6 6kV (std) S10 10kV K10 10kA SPD K20 20kA SPD	DBZ Dark Bronze AGY Anthracite Grey BK Black

* H voltage (347-480V): consult factory. ** Zigbee (ZB) requires an N7 NEMA socket.

Build Your Order Code — example values shown in grey

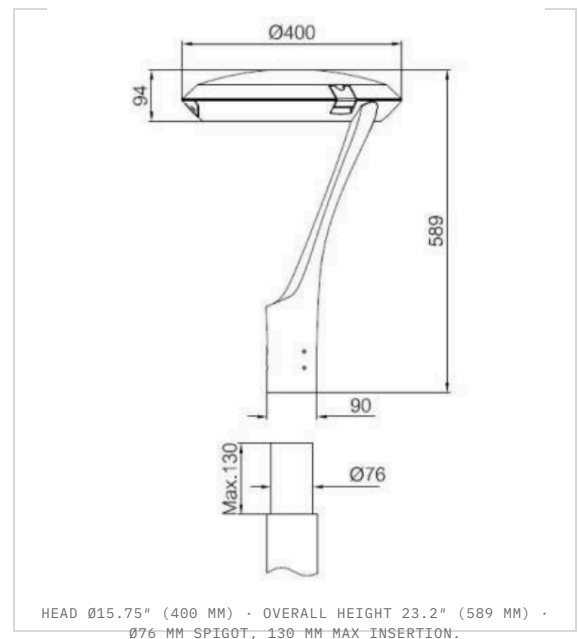
MODEL	WATTAGE	CCT	VOLTAGE	DISTRIBUTION	MOUNTING	CONTROLS	OPTIONS	SURGE	FINISH
UNNI2	36	40	U	T3	SF2	DV	N	S6	DBZ

STANDARD FINISHES

DBZ
Dark Bronze
(RAL8019)AGY
Anthracite Grey
(RAL7016)BK
Black (RAL9005)

Dimensions & Weight

MODEL	HEAD DIAMETER	OVERALL HEIGHT	SPIGOT	EPA	WEIGHT (NET)
UNNI 2	Ø15.75" (400 mm)	23.2" (589 mm)	Ø76 mm · 130 mm max	0.69 ft ²	19.8 lb



Options

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DIMMING & CONTROLS

DV	1–10V dimmable (10–100%) — standard
DA	DALI control gear — dim-to-off
TM	Timer — 3 modes (Midnight / Percentage / Traditional)
ZB	Zigbee module — Smart City (requires 7P NEMA)
MW	Microwave motion sensor — on/off or dimming

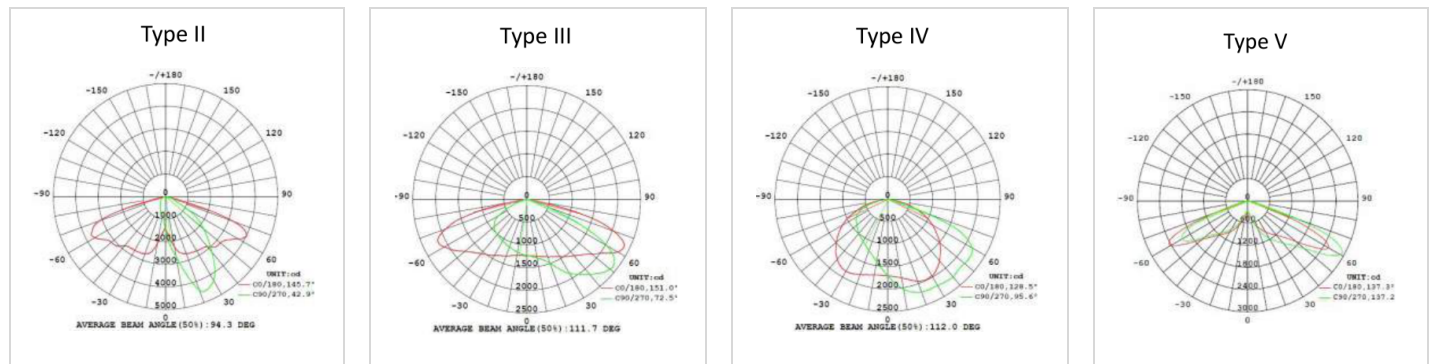
PHOTOCONTROL SOCKETS

N3	3P NEMA socket — on/off photocontrol
N5	5P NEMA socket — photocontrol + 1–10V dimming
N7	7P NEMA socket — dimming + I/O connections

SURGE PROTECTION

S6	6kV common-mode surge — standard
S10	10kV surge — standard on 79–98W
K10	10kA SPD — optional
K20	20kA SPD — optional

Photometry



DELIVERED LUMENS & BUG RATINGS

Optic	CCT	25W	36W	60W	79W	98W
Type II	4000K	3,370	4,500	7,939	9,838	11,513
	BUG	B1 U2 G1	B1 U2 G1	B1 U2 G1	B1 U2 G1	B1 U2 G1
Type III	4000K	2,899	4,026	7,206	9,128	10,653
	BUG	B1 U2 G1	B1 U2 G1	B1 U2 G1	B1 U2 G1	B1 U2 G1
Type IV	4000K	2,843	3,946	7,063	8,946	10,439
	BUG	B1 U2 G1	B1 U2 G1	B1 U2 G1	B1 U2 G1	B1 U2 G1
Type V	4000K	3,303	4,490	7,539	9,715	11,581
	BUG	B2 U2 G2	B2 U2 G2	B2 U2 G2	B2 U2 G2	B2 U2 G2

Nominal delivered lumens & BUG ratings at 4000K, CRI 70 (CIP photometric report). Efficacy up to 135 lm/W; 2200K / 2700K (CRI 80) run slightly lower. IES files on request.

DISTRIBUTION Type II (94°) · Type III (112°) · Type IV (112°) · Type V (137°) **EFFICACY** Up to 135 lm/W **IES FILE** On request