

UNNI 1

LED Area Luminaire

A day-form LED post top for pedestrian areas, plazas, parks, and walkways. The die-cast aluminum dome integrates the LED module and driver in a replaceable unit — tool-less entry with automatic power-off — above a textured polycarbonate shade that delivers uniform, glare-controlled Type V light. Controls options make it Smart City ready; mounts post-top on a 2-3/8" tenon or flush on the pole.

- 25 / 37 / 61.5 / 78.5W — up to 8,808 lm · up to 115 lm/W
- Symmetric Type V — glare-controlled, pixelation-free optic
- Replaceable LED module and driver · tool-less entry · auto power-off
- 0–10V / DALI / timer dimming · NEMA sockets · Zigbee · motion sensor
- Post-top 2-3/8" tenon or flush mount · EPA 0.76 ft²
- IP66 · IK09 · 6 kV surge · cETLus, DLC, CE



cETLus

DLC

CE

CB

RoHS

IP66

LUMEN OUTPUT	Up to 8,808 lm (4000K)
EFFICACY	107–115 lm/W
COLOR TEMP / CCT	2200K / 2700K / 4000K / 5000K / 6000K
COLOR QUALITY / CRI	80 (2200K–2700K) · 70 (4000K–6000K)
DISTRIBUTION	Type V (symmetric) · ~141°–152° avg beam (50%)
WATTAGE	25 / 37 / 61.5 / 78.5W
VOLTAGE	100–277V · 347–480V (consult factory)
POWER FACTOR	>0.92 at full load
DIMMING / CONTROLS	0–10V / 1–10V dimmable (10–100%) · DALI dim-to-off · 3 timer modes
SURGE PROTECTION	6 kV standard (10 kV at 78.5W) · 10/20 kA optional
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) · +104°F extreme
IP / IMPACT	IP66 · IK09 · Wet Location
MATERIAL	Die-cast aluminum, 3.0–3.5 mm walls · molded silicone gaskets
LENS	Textured polycarbonate shade (Mitsubishi, 4 mm) · >93% optic efficiency
MOUNTING	Post-top slip-over 2-3/8" tenon (SF2) · flush mount 2-3/8" pole (FL2)
DIMENSIONS	Ø 15.75" (400 mm) · dome 3.70" (94 mm) · EPA 0.76 ft²
WEIGHT	17.9 lb (8.1 kg)
LIFETIME	L80 >60,000 hrs (≤30°C ambient)
WARRANTY	5-Year Limited

Ordering & Dimensions

UNNI 1

CONFIGURE YOUR PART NUMBER USING THE OPTIONS BELOW.

MODEL	WATTAGE	CCT	VOLTAGE	MOUNTING	CONTROLS	OPTIONS	SURGE	FINISH
UNNI 1	25 25W 37 37W 61.5 61.5W 78.5 78.5W	22 2200K 27 2700K 40 4000K 50 5000K 60 6000K	U 100-277V H 347-480V*	SF2 Post-top · 2-3/8" tenon FL2 Flush · 2-3/8" pole	N None DV 0-10V dimming DA DALI TM Timer DVP 0-10V + photocontrol ZB Zigbee** MW Microwave	N None N3 NEMA 3-pin N5 NEMA 5-pin N7 NEMA 7-pin	S6 6kV (standard) S10 10kV (standard at 78.5W) K10 10kA SPD K20 20kA SPD	DBZ Dark Bronze AGY Anthracite Grey BK Black

* H voltage (347-480V): consult factory. 3" tenon and 3" flush-pole mounts coming soon. ** Zigbee (ZB) requires an N7 NEMA socket.

Build Your Order Code — example values shown in grey

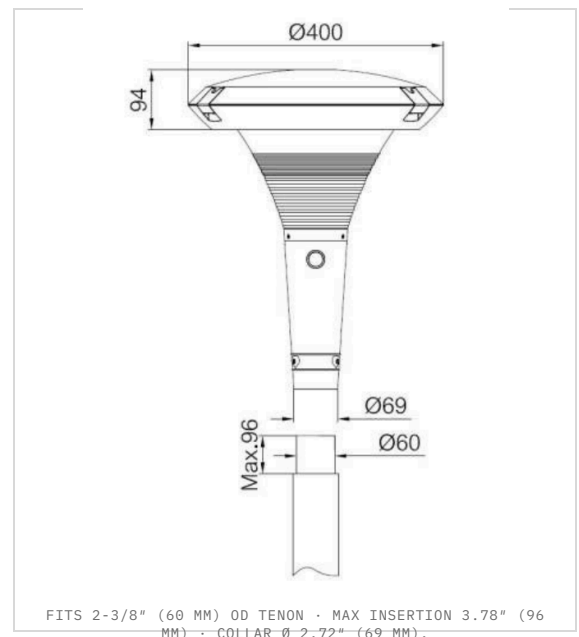
MODEL	WATTAGE	CCT	VOLTAGE	MOUNTING	CONTROLS	OPTIONS	SURGE	FINISH
UNNI 1	37	40	U	SF2	DV	N	S6	DBZ

STANDARD FINISHES

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

Dimensions & Weight

MODEL	DIAMETER	DOME HEIGHT	WEIGHT (NET)
UNNI 1 (25-78.5W)	Ø 15.75" (400 mm)	3.70" (94 mm)	17.9 lb (8.1 kg)



Options

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DIMMING & CONTROLS

DV	0–10V / 1–10V dimmable (10–100%)
DA	DALI control gear — dim-to-off
TM	Timer — 3 modes (Self-Adapting Midnight / Percentage / Traditional)
DVP	0–10V driver dimmed by photocontroller
ZB	Zigbee module — Smart City (requires 7P NEMA)
MW	Microwave motion sensor — integrated on/off; detached version adds dimming

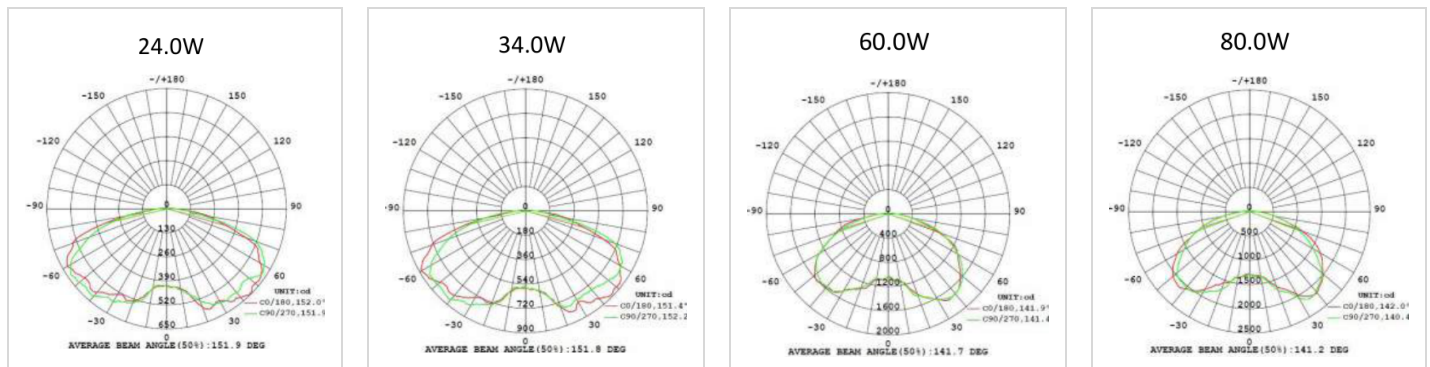
PHOTOCONTROL SOCKETS

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

SURGE PROTECTION

S6	6kV common-mode surge — standard
S10	10kV surge — standard at 78.5W
K10	10kA SPD — optional
K20	20kA SPD — optional

Photometry



DELIVERED LUMENS & BUG RATINGS

Optic	CCT	25W	37W	61.5W	78.5W
Type V	4000K	2,880	3,960	6,860	8,808
	BUG	B1 U2 G1	B2 U2 G1	B2 U3 G2	B3 U3 G2

OEM-measured delivered lumens & BUG ratings at 4000K, CRI 70; 2200K / 2700K (CRI 80) run slightly lower. Efficacy 107–115 lm/W. IES files on request.

DISTRIBUTION Type V (symmetric) · ~141°–152° avg beam (50%) **EFFICACY** 107–115 lm/W **IES FILE** On request