

UNNI CATENARY

Catenary LED Area Luminaire

A catenary-mounted LED area luminaire suspended from cables between buildings or poles, ideal for city streets, parks, plazas, and campuses. A single Ø15.76" die-cast housing offers two optical systems: Comfort (CF) anti-glare optics for parking, industrial, and building areas, and Roadway (RW) optics for catenary street lighting. Available from 3,000 to 10,000 lumens for mounting heights from 8 to 30 ft.

- Two styles — CF Comfort anti-glare · RW Roadway (Type 1 Short / Medium)
- One-piece die-cast housing · sloped self-cleaning top · IP66 · IK09
- Tool-free entry with automatic power-off · replaceable driver and control gear
- 1–10V and DALI dim-to-off · 3-mode timer · microwave sensor options
- 6kV surge standard, 10kV on the 80W · AKZO polyester powder finish



ETL

DLC

IP66

IK09

LUMEN OUTPUT	3,000 – 10,000 lm
EFFICACY	Up to 120 lm/W (Comfort) · 135 lm/W (Roadway)
COLOR TEMP / CCT	3000K / 4000K / 5000K / 6000K · Amber
CRI	80+ (Comfort) · 70+ (Roadway)
DISTRIBUTION	110° (Comfort) · Type 1 Short / Medium (Roadway)
WATTAGE	22 / 32 / 58W (Comfort) · 25 / 36 / 60 / 80 / 100W (Roadway)
VOLTAGE	100–277V
POWER FACTOR	>0.92 · THD <10%
DIMMING	1–10V (10–100%) · DALI dim-to-off · timer
SURGE PROTECTION	6kV standard · 10kV on 80W
DRIVER	Replaceable driver unit and control gear

FINISH	Anthracite Grey, Dark Bronze, Black
OPERATING TEMP	–40°C to +50°C
IP / IMPACT	IP66 · IK09
MATERIAL	One-piece die-cast aluminum · AKZO powder coat, 1500 h salt spray
LENS	PC optical lens behind tempered glass
MOUNTING	3/8" catenary cable and hardware · catenary by others
CORD LENGTH	12" (0.3 m) input cable
DIMENSIONS	Ø15.76" × 3.70"
LIFETIME	L80 over 60,000 hrs @25°C (TM-21)
WARRANTY	5-Year Limited

ORDERING

CONFIGURE YOUR PART NUMBER USING THE OPTIONS BELOW.

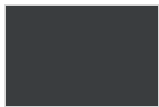
MODEL	STYLE	WATTAGE	CCT	CRI	DISTRIBUTION	MOUNTING	CONTROLS	FINISH
UNNI CATENARY	CF Comfort	22 22W 32 32W 58 58W	30 3000K 40 4000K 50 5000K 60 6000K AM Amber (customized)	80 CRI 80+	110 110°	N None CAT38 Catenary 3/ 8" cable and hardware*	N None DV 1-10V dimming DA DALI TMR Timer MW Microwave sensor MWD Microwave + dim, detached	AGY Anthracite Grey DBZ Dark Bronze BK Black
	RW Roadway	25 25W 36 36W 60 60W 80 80W 100 100W	30 3000K 40 4000K 50 5000K 60 6000K AM Amber (customized)	70 CRI 70+	T1S Type 1 Short T1M Type 1 Medium			

* Hang from 3/8" catenary cable hardware — complete accessory specification at ciplighting.com (Catenary Accessories).

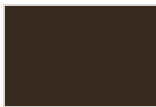
Build Your Order Code — example values shown in grey

MODEL	STYLE	WATTAGE	CCT	CRI	DISTRIBUTION	MOUNTING	CONTROLS	FINISH
UNNI CATENARY	RW	80	40	70	T1S	CAT38	N	DBZ

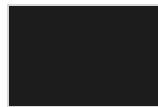
FINISHES



AGY
Anthracite Grey



DBZ
Dark Bronze



BK
Black

STYLES



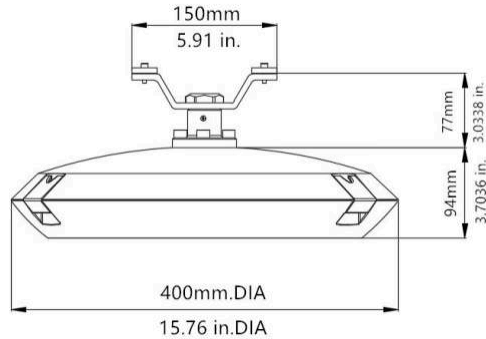
CF
Comfort — anti-glare
Parking garage, industrial and building areas ·
110°



RW
Roadway
Catenary street optics — Type 1 Short / Medium

DIMENSIONS

FIXTURE	DIAMETER	HEIGHT	WITH BRACKET
Overall	15.76" (400 mm)	3.70" (94 mm)	6.74" (171 mm)



CATENARY BRACKET ADDS 3.03" (77 MM); CLAMP SPAN 5.91" (150 MM).

OPTIONS

DIMMING

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

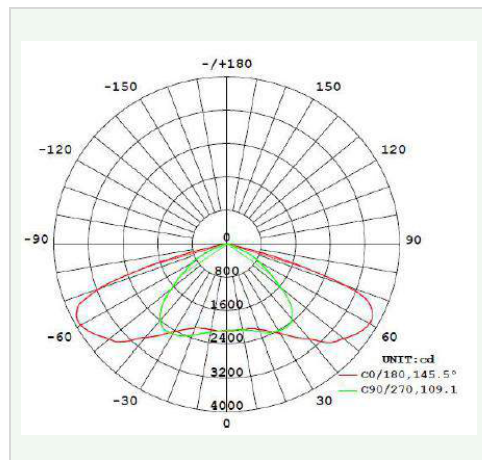
SENSORS

MW	Integrated microwave sensor — on/off
MWD	Detached microwave — dim + occupancy

SURGE PROTECTION

S6	6kV common-mode surge — standard
S10	10kV surge — standard on the 80W
K10	10kA SPD — optional
K20	20kA SPD — optional

PHOTOMETRY



LUMEN MAINTENANCE (TM-21, 60,000 H)

AMBIENT	MAINTENANCE @60,000 H	CALCULATED L80
25°C	>91%	>60,000 h
40°C	>88%	>60,000 h
50°C	>86%	>42,000 h

Distribution 110° (Comfort) · Type 1 Short / Medium (Roadway)

Efficacy Up to 120 lm/W (Comfort) · 135 lm/W (Roadway) **IES File** Available on request