



— LARGE GLOBE SERIES · SKU LG-BAT

MaxiBATCAP *Dark-Sky.*

The DarkSky Approved festoon globe. A solid upper hemisphere blocks all upward light spill and redirects every lumen downward. Available as Static White (2700K & 3000K) and monochromatic Amber — DarkSky Approved (V3) in four categories, including Wildlife-Tuned Sea Turtle Sensitive. For waterfronts, marinas, heritage, observatory and wildlife-sensitive perimeters.

OUTDOOR

IP68

IK07

● DARKSKY APPROVED · V3

● WARM WHITE · AMBER

● 24 VDC · STATIC

● 5-YEAR WARRANTY



SPECIFICATIONS · OVERVIEW · KEY FEATURES

SPECIFICATIONS

POWER INPUT	24 VDC
WATTAGE	0.6 W
COLOUR / CCT	Warm White 2700K · 3000K · Amber
CONTROL	ON/OFF · Static
LED CURRENT	100 mA
LUMEN MAINT. 85%	70,000 h
RUN LENGTH	100 m / 328 ft
OPTICS	Upper hemisphere blocked
UPPER LENS	Solid black baffle (180°)
LOWER LENS	Clear polycarbonate
GLOBE DIAMETER	64 × 64 mm
WEIGHT	54 g
IP RATING	IP68
IK RATING	IK07
VIBRATION	ANSI C136.31
OPERATING TEMP.	−40°C to +50°C
LISTINGS	UL · UKCA · CE
WARRANTY	5 years

Product overview.

MaxiBATCAP is engineered for installations where **upward light spill is simply not an option**. Its solid upper hemisphere works as a fully integrated optical baffle, blocking the upper 180° and redirecting every lumen toward pedestrian level.

The result is precise, glare-controlled illumination — purpose-built for waterfronts, bridges, marinas, dark-sky-compliant zones and heritage architecture where the night sky must be respected.

KEY FEATURES

- 01 Integrated 180° optical baffle

Solid black upper hemisphere blocks all upward emission — zero light pollution toward the night sky.
- 02 DarkSky Approved · four categories

Certified by DarkSky International (V3) for Commercial, Residential, Pedestrian Comfort and — with the monochromatic Amber only — Wildlife-Tuned Sea Turtle Sensitive.
- 03 70,000 h lumen maintenance

L80B10 at 70,000 hours — designed for decade-grade permanent installations.
- 04 24V SELV architecture

Low-voltage safe install on public realm projects. Compatible with MaxiLED 24V supplies.
- 05 IP68 · IK07 · ANSI C136.31

Submersion-rated, impact-resistant, vibration-tested — built for permanent outdoor install.

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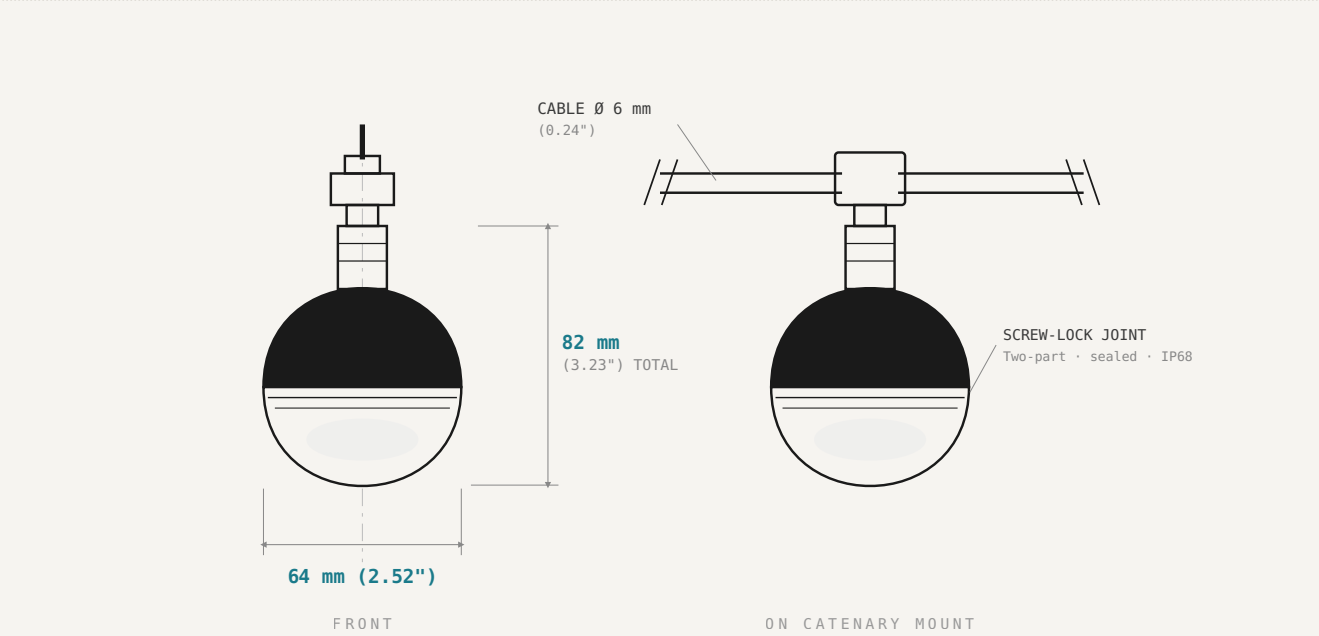
MECHANICAL DRAWING · DIMENSIONS

Dimensions.

mm (inches).

MAXIBATCAP · FRONT ELEVATION

MM (INCHES) · NTS



GLOBE Ø	GLOBE HEIGHT	TOTAL HEIGHT	CAP Ø
64 mm (2.52")	64 mm (2.52")	82 mm (3.23")	64 mm (2.52")
CABLE Ø	CABLE AWG	GLOBE WEIGHT	FINISH
6 mm · 10 AWG	10 AWG · 2-core	54 g (1.79 oz)	Clear lens · Black cable

— CERTIFICATION · DARKSKY APPROVED

DarkSky Approved. *Four categories.*

The MaxiBATCAP family is **DarkSky Approved (V3)** by DarkSky International. Static White (2700K & 3000K) and Amber are approved for Commercial, Residential and Pedestrian Comfort; the monochromatic **Amber** is the only option approved for the Wildlife-Tuned **Sea Turtle Sensitive** category.



**DarkSky
Approved**

Commercial
Luminaire

Commercial
PRODUCT FAMILY



**DarkSky
Approved**

Residential
Luminaire

Residential
PRODUCT FAMILY



**DarkSky
Approved**

Pedestrian Comfort
Luminaire

Pedestrian
Comfort
PRODUCT FAMILY



**DarkSky
Approved**

Sea Turtle Sensitive
Luminaire

Sea Turtle
Sensitive
AMBER ONLY ·
WILDLIFE-TUNED

Full-cutoff optics. The solid upper hemisphere blocks the upper 180° (BUG rating B0-U0-G0), zero upward spill. Amber source: dominant 611 nm, zero emission below 560 nm. Certificates issued by DarkSky International, 2026 — verify at darksky.org.

— ORDERING · ORDER CODES

Ordering. *Build your strand.*

ORDERING · MAXIBATCAP LARGE GLOBE LIGHT SHIELD

INTERACTIVE BUILDER IN REP PORTAL

PRODUCT · LED TEMPERATURE · LENS · CABLE

01

PRODUCT

ROWSLG

—

02

LED TEMP

2700K · 3000K
Amber

—

03

LENS

BKCL · Clear

—

04

CABLE

BC · Black

UNITS · STARTER CABLE · GLOBES · SPACING

05

UNITS

M · Metric
I · Imperial

—

06

STARTER CABLE

M · meters
' · feet " · inch

—

07

OF GLOBES

1 – 300

—

08

GLOBE SPACING

M · meters
' · feet " · inch

EXAMPLE ORDER CODES

- EX 1. ROWSLG-2700K-BKCL-BC-M-2-100-0.5 → Warm 2700K · Clear lower lens · Black cable · 2 m starter · 100 globes · 0.5 m spacing (metric)
- EX 2. ROWSLG-AMBER-BKCL-BC-I-6'-50-1' → Amber (Sea-Turtle) · Clear lower lens · Black cable · 6 ft starter · 50 globes · 1 ft spacing (imperial)

ORDERING DEFINITIONS & ASSISTANCE · STRAND DIAGRAM



Ordering definitions. Starter cable runs from the power supply to the first globe. Globe spacing assumes globes are equally spaced along the strand. For inconsistently-spaced installations, contact the factory. Solid upper hemisphere is permanently molded — not removable. Lens: BKCL (Black upper / Clear lower). Standard cable color: Black (BC); White (WC) and RAL custom available on MOQ request.

— INSTALLATION · MAINTENANCE · WIRING

Installation. *Three figures, five steps.*

MAXIBATCAP · INSTALLATION & MAINTENANCE NOT TO SCALE

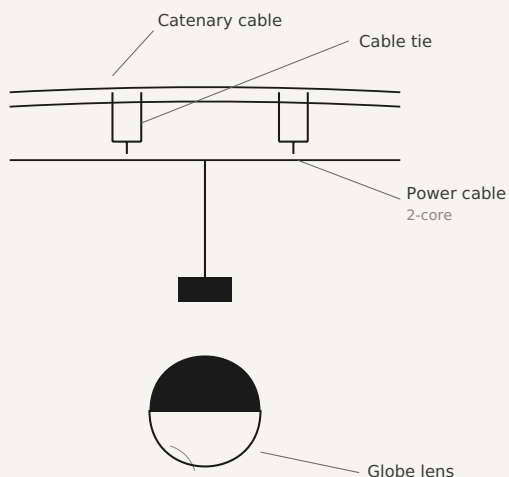


Figure A
Catenary mount

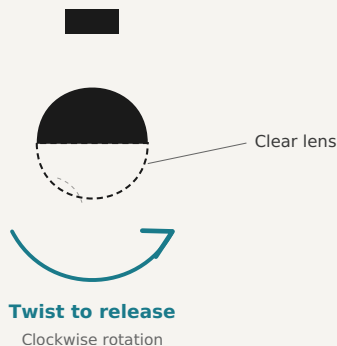


Figure B
Twist lens · maintenance

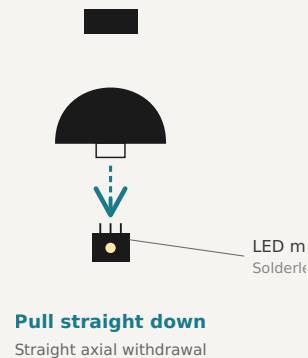
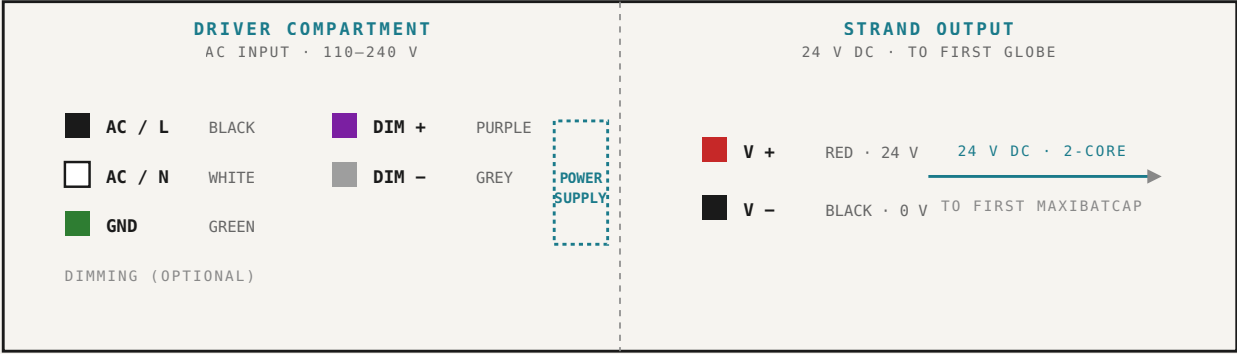


Figure C
LED module · replace

- 01 Power off.** Disconnect electrical service at the driver enclosure. Voltage drop must remain < 5% across the strand.
- 02 Hang the strand.** Hold the MaxiBATCAP strand up to the catenary cable and secure with a loosely-tightened cable tie (Figure A). Continue until the strand hangs from the catenary along the full run.
- 03 Add support ties.** Place an additional cable tie on each side of every MaxiBATCAP globe. Ensure globes hang normal to ground, then tighten the ties.
- 04 Connect & power on.** Connect the strand leads to the 24 VDC secondary of the driver (V+ / V-). Restore power at the primary side.
- 05 Maintenance.** If a globe stops illuminating, twist the lens clockwise to release (Figure B), pull the LED module straight down (Figure C), replace, twist counter-clockwise until it clicks. Suitable for wet locations.

DRIVER COMPARTMENT · WIRING · 110–240 V AC IN · 24 V DC OUT



Wiring notes. Suitable for indoor or outdoor use. Horizontal or vertical mounting. When installing multiple drivers, separate the enclosures by at least 3 in (76 mm) edge-to-edge to limit ambient temperature rise between units. Forward-phase, reverse-phase and 1-10 V dimming are supported at the primary. Proper grounding required.