

Internal Halyard Flagpole Beacon

Top-of-pole LED flag illumination · DarkSky International approved with integrated visor

6.5" & 8" IH · STD / PLUS



6.5" Standard



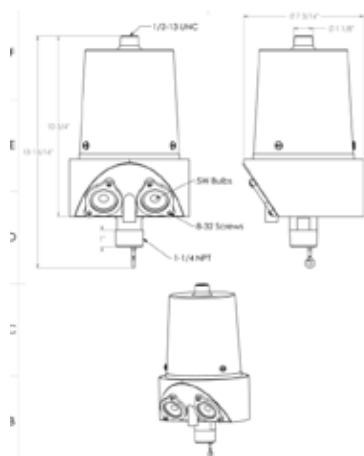
6.5" Plus



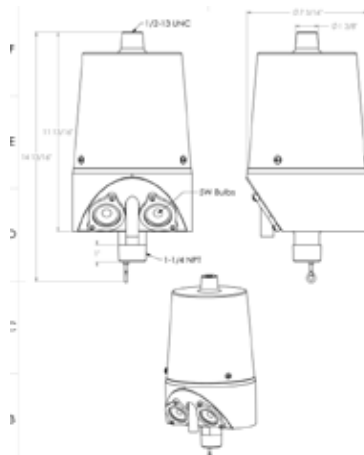
8" Standard



8" Plus



Shop drawing: 6.5" IH (item 208349)



Shop drawing: 8" IH (item 208353)

SPECIFICATIONS

HOUSING

Spun and cast aluminum housing with integrated DarkSky cutoff visor; the aluminum doubles as the heatsink for passive thermal management. Stainless steel hardware. Mounts atop the flagpole in place of the truck and finial.

LAMPS / OPTICS

Two LED lamps wash the flag from the pole top; gasketed lenses. **Plus** models add two down-aimed 2W LED lamps (300 lm) to light larger flags. Tested distribution: IES Type IV, very short.

LED / COLOR

Two 5W LED lamps (120V AC) or 4W (12V DC solar), 3000K warm white, 80 CRI minimum. Rated lamp output 800 lm (AC) / 640 lm (12V DC). Rated life 50,000 hr (L70).

POWER / CONTROL

120V AC hardwired or 12V DC. The DarkSky configuration includes a dimmable driver; can also be wired to a photocell (dusk-to-dawn) or solar panel. LM-79 tested input 10.38 W; power factor 0.49, current THD 167% (as tested).

LISTINGS & RATINGS

Intertek (ETL) listed; location rating per the ETL listing. DarkSky International approved on all internal-halyard models; the DarkSky-approved configuration ships with the integrated visor and a dimmable driver. Aluminum housing is built for continuous outdoor exposure; not separately IP-rated. Operating range -22°F to 122°F.

MOUNTING

1¼" NPT to the internal-halyard spindle. Fits pole top up to 3.5" (6.5" IH) or 5" (8" IH). Maximum halyard size 5/16". Maximum flag 5x8 (standard) / 10x15 (Plus).

FINISH

Available in satin, clear, black, bronze, and white.

WARRANTY

3-year limited warranty against manufacturing defects. Damage from improper installation or weather events is not covered.



APPLICATIONS

After-dark flag illumination for commercial, municipal, government, and military flagpoles (15 to 80 ft). A top-mounted, dark-sky-compliant alternative to ground flood uplighting, with no separate light pole required.

AT A GLANCE

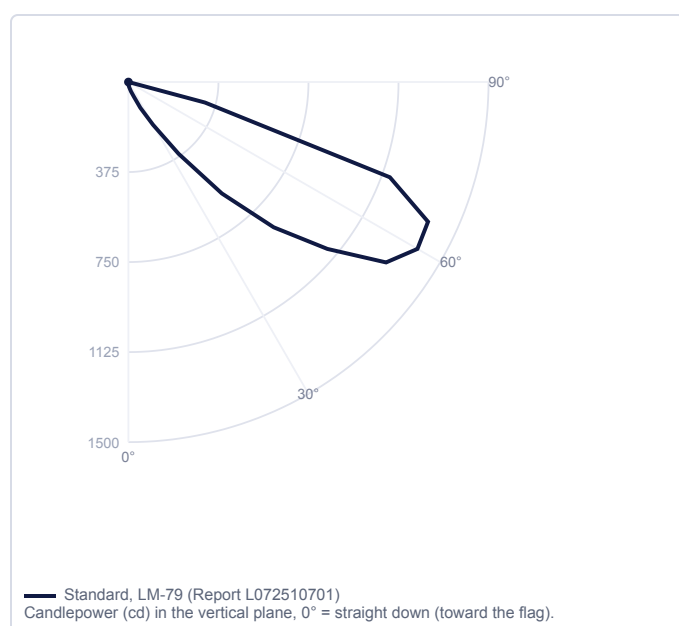
- ▶ DarkSky International approved across every internal-halyard model; the DarkSky configuration ships with the integrated visor and a dimmable driver
- ▶ Mounts in place of the truck and finial, on the internal-halyard spindle
- ▶ One platform covers almost all internal-halyard poles, in 120V AC or 12V DC solar
- ▶ Plus models add two down-aimed lamps to illuminate larger flags at rest

LUMEN / WATTAGE

MODEL	POWER SOURCE	RATED LAMP LUMENS	DELIVERED LUMENS	INPUT WATTS	CCT
6.5" / 8" IH (Standard)	120V AC hardwired	800	373	10	3000K
6.5" / 8" IH (Standard)	12V DC solar	640	298	9	3000K
6.5" / 8" IH Plus	120V AC hardwired	1100	673	14	3000K
6.5" / 8" IH Plus	12V DC solar	940	598	13	3000K

Rated lamp lumens are the LED lamp manufacturer's ratings (bare lamp). **Delivered lumens** are total luminaire output. The 6.5" and 8" IH share the identical optical engine, so the figures apply to both (only the housing differs). The visor and optics reduce delivered output below the bare-lamp sum, which is expected and is what earns the DarkSky cutoff.

PHOTOMETRY



	STANDARD	PLUS
Total luminaire lumens	373 lm	673 lm
Input power	10 W	14 W
Maximum candela	1,390 cd @ 60°	1,390 cd @ 60°
Fill at nadir (0°)	10 cd	480 cd
IES distribution	Type IV	Type IV + fill
BUG rating (with visor)	B0-U0-G0	B0-U0-G0
CCT / CRI	3000K / 80	3000K / 80

The B0-U0-G0 BUG rating (IES TM-15) is achieved with the integrated visor in place, which delivers the full cutoff (zero uplight) behind the DarkSky approval. Measured per LM-79 Report L072510701.

ORDERING

MODEL	120V AC ITEM #	12V SOLAR ITEM #	POLE TOP FIT	MAX FLAG
6.5" IH (Standard)	208349	208349SOL	up to 3.5"	5×8
6.5" IH Plus	208350	208350SOL	up to 3.5"	10×15
8" IH (Standard)	208353	208353SOL	up to 5"	5×8
8" IH Plus	208354	208354SOL	up to 5"	10×15

Specify at order: Finish (satin, clear, black, bronze, or white) · Control (photocell, solar panel, or dimmer). The **SOL** item is the 12V DC build; the base item is 120V AC line-voltage. Larger internal-halyard formats (8" Quad, 10.5" Quad, 14" XL) are available as separate models.