

170S

High-Performance Floodlights

Intended Use

For airport aprons or parking areas.

Features

Housing – Rugged, heavy-gauge, aluminum housing. Continuous welded seams for weathertight integrity. Dark bronze (DDB) corrosion-resistant polyester powder finish; other architectural colors available. Architectural Class 1 anodize finish also available.

Door Frame – Aluminum door frame secured with four stainless steel latches.

Lens – Thermal-resistant and shock-resistant tempered flat lens.

Mounting – Painted steel yoke, complete with vertical angle selector, retaining stop and 3-foot, 14/3 SEO cable is standard.

Optics – Anodized aluminum reflector with internal glare control louver, painted matte black to provide an asymmetrical beam pattern with sharp vertical cutoff.

Electrical – Constant wattage autotransformer ballast, copper wound and 100% factory tested.

Socket – Horizontal, mogul-base porcelain socket(s) with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W-600V. 4KV pulse rated.

Listings – UL Listed (standard). CSA Certified (see Options). UL listed for wet locations.



Shown with TS mounting option

Ordering Information

Designation	Distribution	Voltage
<u>High Pressure Sodium</u>	HPN	120
170S 250S		208³
170S 400S		240³
170S 750S		277
170S 1000S		347
<u>Metal Halide</u>		480³
170S 320M¹		TB⁴
170S 350M¹		
170S 400M		
170S 1000M²		

Lamp/Fixture Data

Wattage	Ballast	Lamp Type	Beam Spread H°xV°	NEMA Dist.
<u>High Pressure Sodium</u>				
250	HPN	CWA	ET18 128x55	6x4
400	HPN	CWA	ET18 129x52	6x4
750	HPN	CWA	BT37 133x57	7x4
1000	HPN	CWA	E25 132x56	7x4
<u>Metal Halide</u>				
400	HPN	CWA	BT37 139x68	7x4
1000	HPN	CWA	BT37 138x63	7x4

Optional mounting

Shipped separately

- TS** Tenon slipfitter⁵ (2³/₈"OD max.)
- FCRA** Crossarm adapter⁵
- FCRA45** Crossarm adapter (45° from horizontal)⁵
- EWB** Extended wall bracket⁵
- MPB29** Mounting pole bracket for 2 fixtures at 90°⁶
- MPB39** Mounting pole bracket for 3 fixtures at 90°⁶
- MPB49** Mounting pole bracket for 4 fixtures at 90°⁶

Example: 170S 400S HPN 120 SF

Options/Accessories

Installed

- SF** Single fuse (120V, 277V, 347V, n/a TB)
- DF** Double fuse (208V, 240V, 480V, n/a TB)
- PER** NEMA twist-lock receptacle only
- CSA** CSA Certified
- QRS** Quartz restrike^{7,8}
- SCWA** Super CWA pulse start ballast (n/a HPS and 1000M)

For optional Architectural Colors, see page 485.

Shipped separately

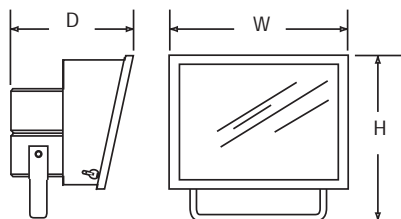
- UV** Upper visor
- SC** Shorting cap for PER option
- PE1** NEMA Twist-lock photocontrol (120V, 208V, 240V)⁹
- PE3** NEMA twist-lock photocontrol (347V)⁹
- PE4** NEMA twist-lock photocontrol (480V)⁹
- PE7** NEMA twist-lock photocontrol (277V)⁹

Outdoor remote

- MR1** Non-encapsulated

Dimensions are shown in **inches (centimeters)** unless otherwise noted.

EPA	170S
Width	2.7 ft ² (.25 m ²)
Height	21 (53.3)
Depth	20 ¹ / ₂ (52.1)
Max weight	19 ¹ / ₄ (48.9)
	83 lbs (37.6 kg)



NOTES:

- 1 Must be ordered with SCWA.
- 2 Requires a BT-37 reduced jacket lamp.
- 3 Consult factory for availability in Canada.
- 4 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- 5 For use with YK mounting (standard) only.
- 6 MPB bracket ships separately with junction box and hinge mechanisms. Bracket weight: 12 lbs.
- 7 Lamp not included.
- 8 Quartz lamp wattage not to exceed ballast wattage rating.
- 9 PER must be ordered with fixture.