



POINT WIND CONE
PWC
FAA L-806 & L-807

Compliances: ETL Verified FAA L-806 FAA Advisory Circular 150/5345-27D
 ETL Verified FAA L-807 FAA Advisory Circular 150/5345-27D
 Transport Canada TP312, Chapter 5 Visual Aids
 ICAO Annex 14, Volume II Heliports, Paragraph 5.1
 U.S. Navy NAVAIR 51-50AAA-2



A wind cone is used to visually indicate wind direction at airports and heliports. Point Lighting wind cones are installed at airports, hospitals, corporate headquarters and military bases around the world. Point recommends the PWC-8061L-1-ON-FF-G-T for roof top heliport installations. This wind cone is easily serviced from a step ladder or unbolted to lower. The PWC-8071L-1-ON-HBA provides the same windssock and lighting on a rigid hinged base pole with a vibration damper. For optional all LED lighting with low VA, use options -D and -L. See PWC specifications section for more details.

FAA Type	Size	Lighting	Power	Windssock	Options
806: Frangible	1: 8-ft Sock	L: Lighted	1: 120v	ON: Orange Nylon	See Table Below
807: Rigid	Size 1	Style I	2: 230v*	RW: Red/White*	
	2: 12-ft Sock	U: Unlighted	0: None		
	Size 2	Style II	6: 6.6A (see WC-2.1.0)		



Size 1: 8-ft sock has 18-inch diameter frame All lighted versions include obstruction light
 Size 2: 12-ft sock has 36-inch diameter frame *Not FAA certified with this feature or option

<u>Option</u>	<u>Description</u>	<u>806</u>	<u>807</u>
HBA	Hinged Base Tapered Aluminum Pole (includes anchor bolts)		→
FF	Floor Flange (anchor bolts by others)	→	
HSP *	Center Hinged Steel Pole with winch; prime painted		→
LIR *	Fiberglass Frangible Pole	→	
WM *	Wall Mounted Steel Pole		→
A	Export Crating of pole (required for export)		→
B *	Internally Lighted with two lamps in place of external lighting	→	→
C	Normal External Lighting plus Internally Lighted	→	→
D	LED Red Obstruction Light (10 watts load)	→	→
E	Double Red Obstruction Light		→
F	Obstruction Light Only (for an unlighted wind cone)	→	→
G *	Rigid Machined Coupling in place of frangible coupling	→	
H *	Pole Painted with Red & White Stripes	→	→
J	Pole Painted Red	→	→
L *	LED Floodlights in place of incandescent (48 watts total load)	→	→
P	FAA Photoelectric Controller (voltage type only)	→	→
T	Tether of stainless steel for upper assembly	→	→

ROOF MOUNTED WIND CONES

For increased safety, POINT LIGHTING CORPORATION recommends the use of the low height 806 type wind cone with option -G, rigid machined coupling to reduce frangibility, and option -T, stainless steel tether. Any roof mounted equipment will be a hazard to persons below if it is struck or otherwise comes apart due to high wind, excessive snow accumulation, etc.



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MERCURY FREE

POINT LIGHTING CORPORATION wind cones are free of components containing liquid mercury. Competitors use electrical couplings containing mercury. Mercury is a hazardous substance and some governmental bodies now control the importation and disposal of products containing mercury.

FIELD PAINTING KITS

- PL10419-806 Paint Kit PWC-806
- PL10419-807 Paint Kit PWC-807

Note: All L-806 & L-807 wind cones are shipped factory painted. These kits are for PWC-HSP units and field maintenance.

PWC SPARE PARTS

- PL10063-CH Windsock Size 1 Orange 8-ft
- PL10064-CH Windsock Size 2 Orange 12-ft
- PL10590 Windsock Size 1 Red-White 8-ft
- PL10552 Windsock Size 2 Red-White 12-ft
- PL10001T Lens Red Obstruction Incand
- PL10619-R Lens Red Obstruction LED
- PL10024-116 Lamp 116w 120v Obstruction
- PL10025-116 Lamp 116w 230v Obstruction
- PL10039 Clamp Band Obstruction Light
- PL10266 Lampholder PWC Floodlight
- PL10387 Lamp 120w 120v Floodlight
- PL10718 Lamp LED 120v Floodlight
- PL10736-1 Lamp 120w 230v Floodlight
- PL10718-1 Lamp LED 220v Floodlight
- PL10290-4-120 Lighting Subassembly 120v
- PL10290-6-120 Lighting Subassembly 120v
- PL10290-4-230 Lighting Subassembly 230v
- PL10289 Size 1 Basket Subassembly
- PL10367 Size 2 Basket Subassembly
- PL10299-X Upper Bearing Support Assembly
- PL10319-S Bearing Assembly Spare
- PL10312-14 Pole HBA L-807
- PL10298A Adapter L-806
- PL10300 Breakable Coupling L-806
- PL10412 Floor Flange L-806

PWC-8071L-1-ON-HBA FAA L-807 SIZE 1



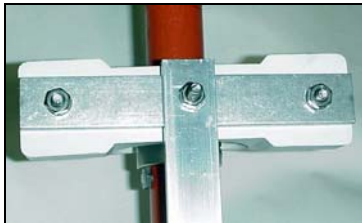
PWC Size 1 with all LED lighting options -D & -L



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PWC-8061L MOUNTING ASSEMBLY

PWC BEARING &
BRACKET SUBASSEMBLY



PL10298A SLIPFIT ADAPTER

PL10300 BREAKABLE COUPLING

PL10412 FLOOR FLANGE

8-inch outside diameter
Four (4) holes 0.56-inch dia.
6-inch diameter bolt circle
Use 0.5-inch anchor bolts

PACKING & SHIPPING
INFORMATION

PWC-8061L-1-ON-FF
18-inch diameter x 8-ft Sock
Frangible Pole on Floor Flange

Instructions: IS8061L
Dimensions: Inches (millimeters)
Shipping Specifications

Carton 1: Pole Assembly
Length: 117.0 (2972)
Width: 8.0 (203)
Depth: 8.0 (203)

Carton 2: Other & Instructions
Length: 19.0 (483)
Width: 18.0 (457)
Depth: 15.0 (381)

Total Weight: 52 lbs 24 kg

PWC-8071L-1-ON-HBA
18-inch diameter x 8-ft Sock
Hinged Base Pole

Instructions: IS8071L
Dimensions: Inches (millimeters)
Shipping Specifications

Carton 1: Bearing Assembly
Length: 78.0 (1981)
Width: 8.0 (203)
Depth: 8.0 (203)

Carton 2: Other & Instructions
Length: 19.0 (483)
Width: 18.0 (457)
Depth: 15.0 (381)

Pole
Length: 171.0 (4343)
Width: 10.0 (254)
Depth: 10.0 (254)

Note: Pole must be crated
for export orders
Total Weight: 110 lbs 50 kg

PWC-8072L-1-ON-HBA
36-inch diameter x 12-ft Sock
Hinged Base Pole

Instructions: IS8072L
Dimensions: Inches (millimeters)
Shipping Specifications

Carton 1: Bearing Assembly
Length: 103.0 (2616)
Width: 8.0 (203)
Depth: 8.0 (203)

Carton 2: Other & Instructions
Length: 37.0 (940)
Width: 37.0 (940)
Depth: 9.0 (229)

Pole
Length: 171.0 (4343)
Width: 10.0 (254)
Depth: 10.0 (254)

Note: Pole must be crated
for export orders
Total Weight: 137 lbs 62 kg