



POINT ELEVATED LIGHTS PEL LED v7 ICAO HELIPORT FATO PERIMETER LIGHT

Compliances: ICAO Annex 14, Volumes I & II, 2022
 ICAO Doc 9261, Part II, Fifth Edition, 2021
 UL Tested & Certified to IP66 & IP67 Ingress Protection
 Registered ISO 9001: 2015



- The hardware is 316 (A4) stainless steel.
- Less than 8 watts in white per light.
- The casting & lens are specially engineered forms of polycarbonate materials.
- Marine Treatment standard for all painted accessories: baseplate, junction box, LSM base.
- Suitable for outdoor use with respect to exposure to ultraviolet light, water exposure & immersion in accordance with UL 746C (f1).
- Six (6) years limited warranty subject to Point Lighting "Terms & Conditions of Sale".
- The LED's are rated for 100,000 hours.
- NVG Compatibility is standard.

Point Type	Voltage	Array	Color	Mounting	Options
PEL-57007	2: 96-250v AC 6: 263-290v AC 4: 10.8v DC to 26.4v DC	H: ICAO FATO	W: White	See Chart Below*	VB: Variable Brightness DH: Drain Hole in PLS GR: Ground Lug LSM/PLS BP: Baseplate Only

Note: For ICAO TLOF and FAA L-860H & L-861H see file HL136PELv7.

* For mounting photos, see ICAO TLOF file HL136PELv7.

MOUNTING OPTIONS

JBSF	Junction Box, Surface; Frangible	Detail H09.7	JBPF	Junction Box, Parapet-Wall; Frangible	Detail H11.7
34B	Mount to ¾-inch NPT conduit; Rigid		10B	Mount to 1-inch NPT conduit; Rigid	
M20B	Mount to M20 metric conduit; Rigid		M25B	Mount to M20 metric conduit; Rigid	
PLS	Inpavement Base; Frangible	Detail H01.7	LSM	Low Surface Base; Frangible	Detail H05.7
-14-PLS	As above except Airport Height	Detail H03.7	BP	Baseplate only; Frangible	Detail H08.7

PEL-57007-2H-W-PLS
 FRANGIBLE & BASE-MOUNTED
 INCLUDES PL40301-10T BASEPLATE
 & PLS-40304 MOUNTING BASE
 TO BE RECESSED IN PAVEMENT



PEL-57007-2H-W-JBPF
 FRANGIBLE & SIDE-WALL MOUNT



POWER CONSUMPTION

Code	Color	Type	Voltage	Frequency	Watts*	VA*
-2H	White	Array H	120 AC	50/60 Hz	7.64	9.0
-2H	White	Array H	220 AC	50/60 Hz	7.88	12.6
-6H	White	Array H	277 AC	50/60 Hz	8.01	15.5
-4H	White	Array H	12 DC	---	7.54	---
-4H	White	Array H	24 DC	---	7.30	---

*Power consumption for AC units includes the effect of the unit's power factor which accounts for the difference between watts and volt-amperes. Measurements were made at the nominal AC voltages.

Replacement Parts

Note: The PEL optical subassembly is sealed to prevent moisture penetration. Contact Point before attempting service.

Instruction Sheet: IS57007
LED Life (hours): 100,000

PEL-57007-2H-W-BP & -PLS:
Height above grade: 7.9 (200)
Height above baseplate: 7.4 (188)

Weight: 1.0 lb 0.45 kg

PL11628-5	Frangible Adapter
PL10166-241-S	O-Ring Seal; Lens
PL11633	Base, Yellow
PL11634-S	Lens, Spare
PL10049-4-6	Gasket, Baseplate
PL40301-10T	Baseplate, 1-inch NPT
PL40301-34T	Baseplate, ¾-inch NPT



POINT LIGHTING CORPORATION

Mail: P.O. Box 686, Simsbury, CT 06070
Tel 01 860.243.0600
email: Info@PointLighting.com

Plant: 61-65 W. Dudley Town Rd, Bloomfield, CT
USA Fax 01 860.243.0665
website: www.PointLighting.com