



HAPCO ALUMINUM POLE FOR LUMINAIRE

hapco

Abingdon, Va.

LPA01

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SPECIFICATIONS

The shaft shall be a one piece round tapered or straight extruded tube of 6063 aluminum alloy per ASTM B221 and shall be full-length heat-treated to T6 temper after welding on the base. Shaft shall be free of longitudinal welds. Pole shaft cap, when required, shall be of cast aluminum of 443 or 356F aluminum alloy and attached utilizing stainless steel hardware. The pole shall be designed for a minimum design life of 50 years in accordance with "Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals "AASHTO 2001", 4th Edition.

The handhole is not required for poles mounted on a transformer base (e.g., LBT01, LBT03, LBT04, LBT05, and LBT06). For 7 inch [178 mm] – 10 inch [254 mm] OD Poles, the handhole frame is tapped 3/8 inch (10 mm) 16NC for grounding. The handhole size varies depending on pole diameter:

Pole Diameter inches (mm)	Handhole Size inch [mm]
5 [127]	2x4 [51x102]
6 [152]	3x5 [76x127]
7 [178] and larger	4x6 [102x152]

Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance and accepted manufacturing practices.

INTENDED USE

This pole is designed for use with HAPCO luminaire support systems SLC01, SLH01, SLJ01, SLS01, SLT01, SLT03, SLT04, SLT05, and SLT06.

CONTACT INFORMATION

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DESIGNATOR	C	D	T
LPA01--4-3-4	4 [102]	3 [76]	$\frac{4}{32}$ [3.2]
LPA01--4-3-6	4 [102]	3 [76]	$\frac{6}{32}$ [4.8]
LPA01--4-4-4	4 [102]	4 [102]	$\frac{4}{32}$ [3.2]
LPA01--5-3-4	5 [127]	3 [76]	$\frac{4}{32}$ [3.2]
LPA01--5-3-5	5 [127]	3 [76]	$\frac{5}{32}$ [4.0]
LPA01--5-5-4	5 [127]	5 [127]	$\frac{4}{32}$ [3.2]
LPA01--5-5-6	5 [127]	5 [127]	$\frac{6}{32}$ [4.8]
LPA01--6-4-4	6 [152]	4.5 [114]	$\frac{4}{32}$ [3.2]
LPA01--6-4-5	6 [152]	4.5 [114]	$\frac{5}{32}$ [4.0]
LPA01--6-4-6	6 [152]	4.5 [114]	$\frac{6}{32}$ [4.8]
LPA01--6-6-6	6 [152]	6 [152]	$\frac{6}{32}$ [4.8]
LPA01--7-7-5	7 [178]	7 [178]	$\frac{5}{32}$ [4.0]
LPA01--7-7-6	7 [178]	7 [178]	$\frac{6}{32}$ [4.8]
LPA01--8-6-6	8 [203]	6 [152]	$\frac{6}{32}$ [4.8]
LPA01--8-6-6	8 [203]	6 [152]	$\frac{6}{32}$ [4.8]
LPA01--8-6-6	8 [203]	6 [152]	$\frac{6}{32}$ [4.8]
LPA01--8-6-7	8 [203]	6 [152]	$\frac{7}{32}$ [5.6]
LPA01--8-6-8	8 [203]	6 [152]	$\frac{8}{32}$ [6.4]
LPA01--8-8-6	8 [203]	8 [203]	$\frac{6}{32}$ [4.8]
LPA01--8-8-7	8 [203]	8 [203]	$\frac{7}{32}$ [5.6]
LPA01--8-8-8	8 [203]	8 [203]	$\frac{8}{32}$ [6.4]
LPA01--9-9-6	9 [229]	9 [229]	$\frac{6}{32}$ [4.8]
LPA01--9-9-8	9 [229]	9 [229]	$\frac{8}{32}$ [6.4]
LPA01--10-6-6	10 [254]	6 [152]	$\frac{6}{32}$ [4.8]
LPA01--10-6-7	10 [254]	6 [152]	$\frac{7}{32}$ [5.6]
LPA01--10-6-8	10 [254]	6 [152]	$\frac{8}{32}$ [6.4]
LPA01--10-10-6	10 [254]	10 [254]	$\frac{6}{32}$ [4.8]
LPA01--10-10-7	10 [254]	10 [254]	$\frac{7}{32}$ [5.6]
LPA01--10-10-8	10 [254]	10 [254]	$\frac{8}{32}$ [6.4]

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