

RAIL SYSTEM

The rail system of the LuumaFix allows adjustable height for multiple accessories. It eliminates primitive straps that can damage the surfaces and restores the aesthetic appearance of a decorative urban pole. Using standard hardware, this unique versatile system has been design to install accessories quickly and securely. Lumca can also develop custom-made brackets to meet your specific needs.

OPTIC

High intensity white LEDs mounted on a cast aluminium with non-visible passive heatsink. Each module is composed of 12 LEDs. Available in 1800K, 2200K, 3000K and 4000K.

CONSTRUCTION

All construction is in aluminium alloy. Extruded aluminium parts are made of 6005A-T5 or 6061-T6 alloy. Cast aluminium parts are made of 356 alloy. All hardware is in stainless steel.

ELECTRICAL COMPONENTS

Constant current, -40°C [-40°F] to 80°C [176°F], PF 0.99, 0-10v, 120 to 277v (other voltages, consult factory)

ANCHOR BASE PLATE

Welded inside and outside the perimeter of the tube. 11" [279mm] x 4.25" [108mm] sealed cast aluminium access door with anti theft screws. Grounding terminal. Two-piece injection molded aluminium base cover (optional) held captive by the anchor base plate.

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LEDs	mA	W	Lumens	Lms/W
12	700	27	2824	85
24	700	54	5691	85
36	700	81	8558	85

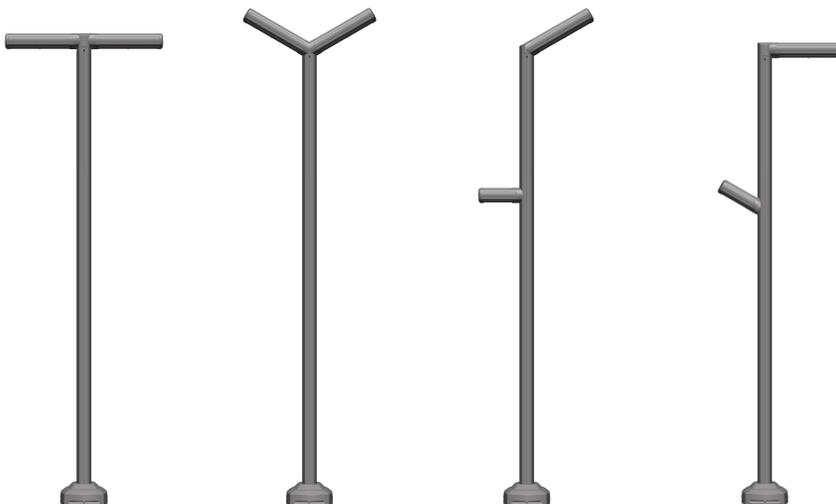
Based on L3, 4000K CCT calculation

L2B	L3	L3FL	L4	L5S
Type II	Type III	Type III Forward throw	Type IV	Type V

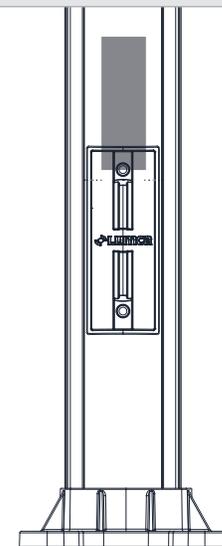
FINISH

Powder coating minimum thickness 100 microns, ASTM D2247 5000 hours salt spray test. All metallic parts are pre-treated using an environmentally friendly organic phosphating technology (PLAFORIZATION) before a polyester powder coating is electrostatically applied. The finish is of 100 microns minimal thickness and meets the ASTM B117 regulation related to salt spray and the ASTM D2247 regulation related to the resistance of the finishes exposed to a 100% relative humidity. RAL and Custom colour matches available.

Possible configurations:



LED Driver location



All drivers are mounted on a removable plate located in the pole base.

Lumca reserves the right to modify the elements on this technical data sheet without prior notice.