

Quick-Access Rail Mount System

Catalog Number	
Project	Type

FEATURES & SPECIFICATIONS

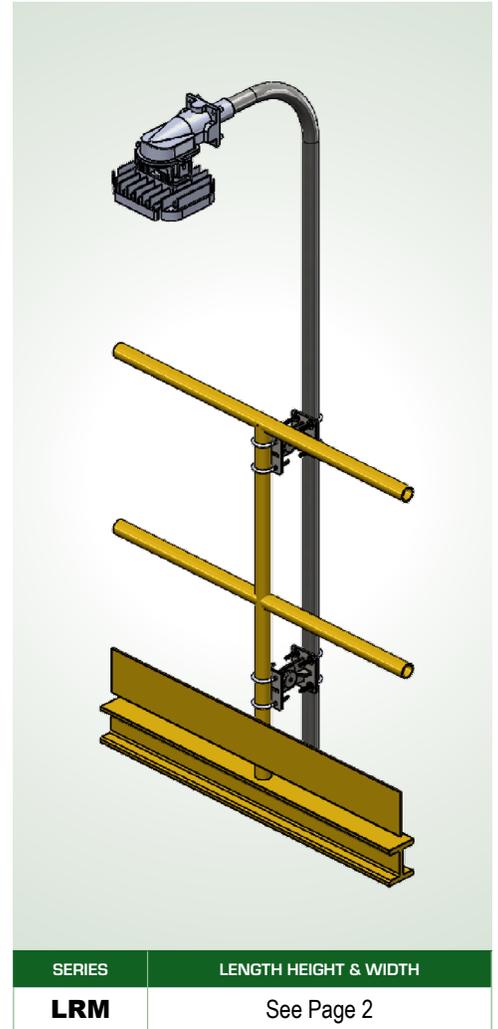
APPLICATION — The LRM Series provides single-technician serviceability, allowing the pole to hinge down to waist height for maintenance and then lock back into position, reducing the need for lifts and improving access efficiency. Its clamp-on mounting system attaches to common handrail posts (stanchions) using size-matched strap kits, eliminating any requirement for field welding during installation. A factory-formed 90° outreach pole positions the luminaire over the conveyor or aisle and keeps it clear of the guardrail. The system is built from hot-dip galvanized steel, with optional Super Durable polyester color top-coat finishes available for applications requiring enhanced aesthetic or corrosion protection. A horizontal slip-fit tenon accommodates a variety of conveyor and catwalk-style luminaires (luminaires supplied by others). The assembly is engineered for demanding industrial environments, with stainless steel hardware. Typical applications : Conveyor gantries • Walkways • Stair towers • Treatment plant galleries • Platforms • Mining/process catwalks.

CONSTRUCTION — The LRM uses a two-point attachment consisting of a lower pivot bracket and an upper link bracket, both secured around the stanchion post using size-matched U-bolts. The pole assembly is a factory-formed 90° outreach design that incorporates a base plate or a slip-fit tenon, or other as specified, for luminaire mounting. All structural components are manufactured from carbon steel with a hot-dip galvanized finish, with the option to specify 316 stainless steel hardware and a color top-coat for enhanced corrosion resistance.

FINISH — Standard finish is Hot-Dip Galvanized (GLV). Optional Super Durable Polyester powder coat: BK (Black), GRY (Grey). Galvanized + Painted color options GLVPBK and GLVPGRY may be specified.

MOUNTING — U-bolt kits are matched to nominal handrail post outside diameters of 1-1/4", 1-1/2" pipe to ensure proper fit across typical catwalk configurations. The luminaire interface is a horizontal slip-fit tenon; adapter sleeves are available for alternate diameters. Luminaires are supplied by others. Other mounting interfaces available. Consult factory.

WARRANTY — Structural design per Techlight engineering. Site structural adequacy of handrail/stanchion by others. Warranty per Techlight standard accessories warranty.



ORDERING INFORMATION

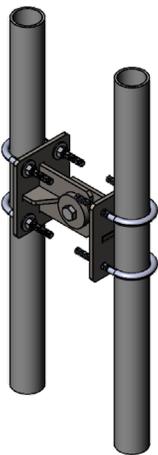
Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

LRM				
SERIES	STANCHION TENON SIZE	ARM	OUTREACH LENGTH	FINISH
S125	= 1.315" OD	90D	= 90° Bent Pole	L12
S150	= 1.900" OD	ST	= Straight (custom)	L18
				CX
				= Custom (Specify)
				GLV = Galvanized (Standard)
				GLVPBK = Galvanized+Black
				GLVPGRY = Galvanized+Grey

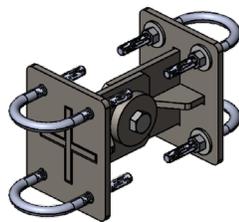
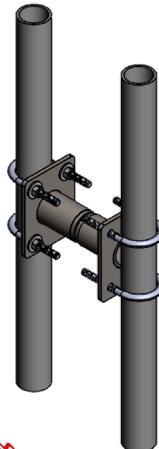
EXAMPLE:

LRM S150 90D L18 GLV

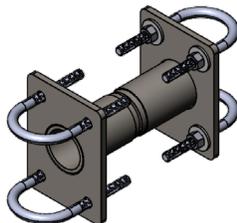
Top Mount



Lower Mount



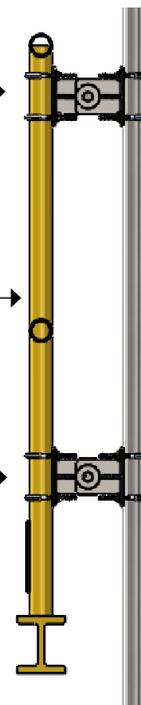
Top Mount



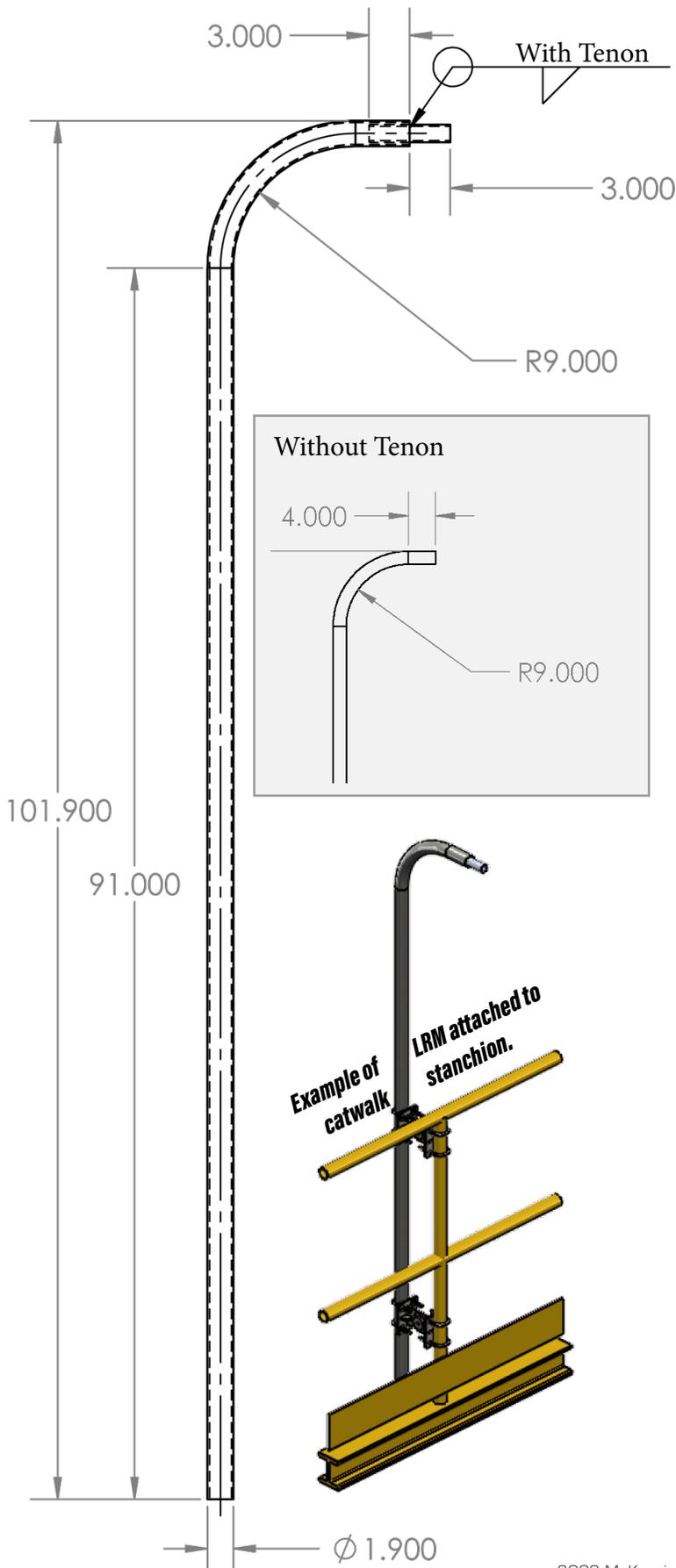
Lower Mount

Vertical Railing Support

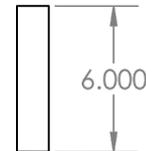
LRM - Rail Mounting System



DIMENSIONS



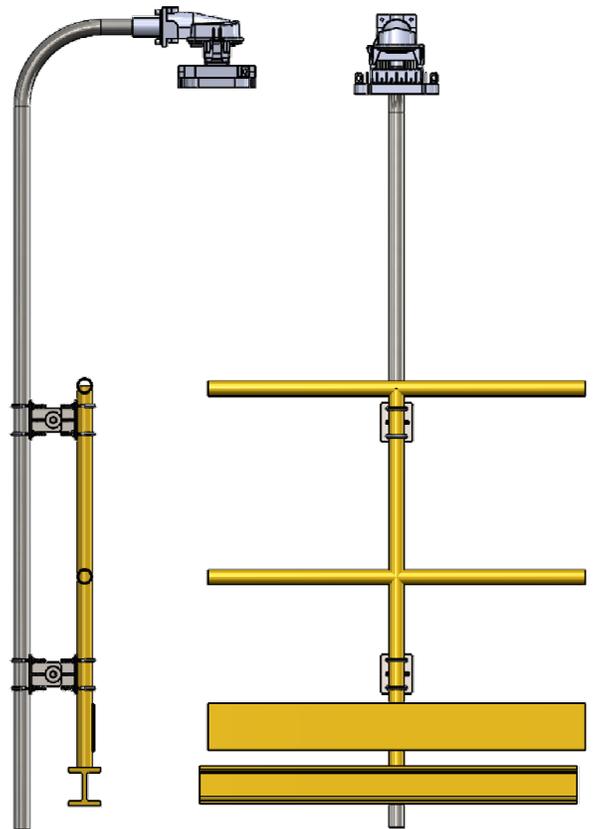
Tenon Dimensions



Views with mounted and fixture and LRM attached to Stanchion or Railing.

Side View

Front View



TECHLIGHT
GROUNDED IN ILLUMINATION