

Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: _____ Quote: _____	Customer Approval: _____ Date: _____

**SPECIFICATIONS**

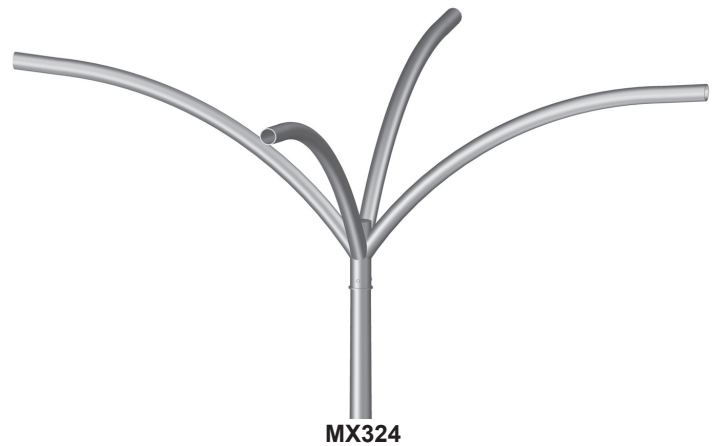
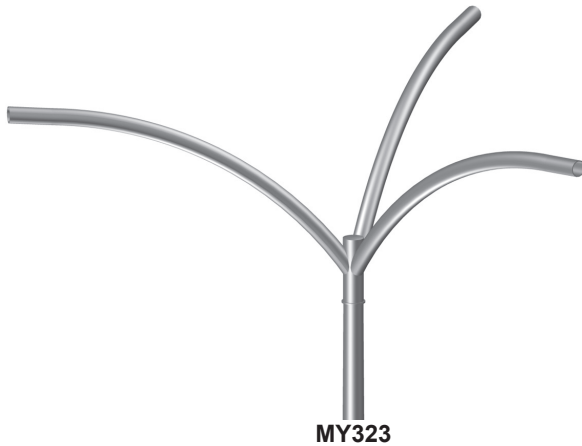
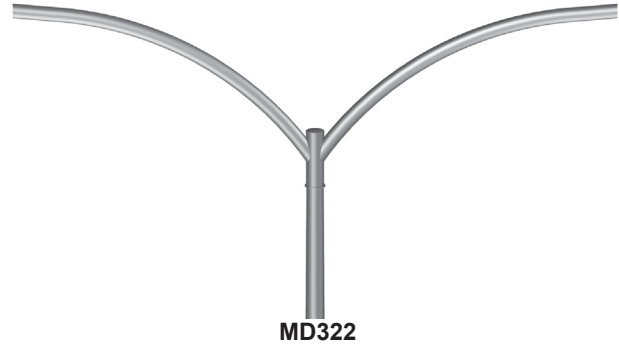
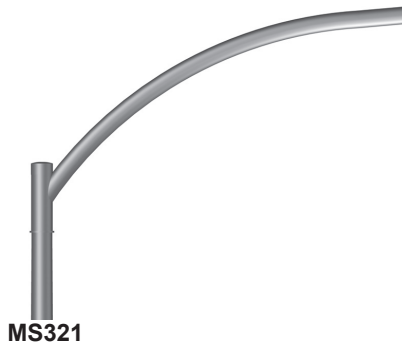
**Center Hub** - The center hub is 2.88" OD x 0.203" wall with a minimum yield strength of 36,000 psi.

**Arms** - Arms are 2.38" OD x 0.154" wall with a minimum yield strength of 36,000 psi. The maximum straight luminaire slipfit length is 6" for all 4'-0" arms and 12" for all 6'-0" arms. For other applications, please consult factory.

**Hardware** - All structural fasteners are galvanized high strength carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

**Finish** - Standard finishes are either Galvanized (GV) and Finish Painted (FP). Additional finish options like Finish Paint over Galvanizing (FPGV) or any of the V-PRO™ Finish Coating Systems are available upon request. See order codes for color options.

**Design Criteria** - Please reference Design Criteria Specification for appropriate design conditions.

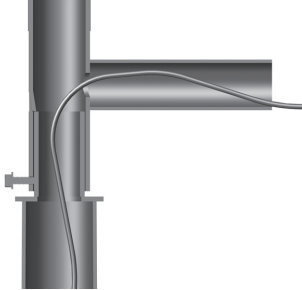


# BRACKETS - UPSWEEP Steel

Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: _____ Quote: _____	Customer Approval: _____ Date: _____

## DETAILS

### Pole Top Bracket Attachment



## LOAD AND DIMENSIONAL DATA

DESIGN INFORMATION							
MAXIMUM QUANTITY OF LUMINAIRES	FIXTURE ORIENTATION	ARM LENGTH	100 MPH w/1.3 GUST		BRACKET SIZE		MODEL NUMBER
			MAX LUMINAIRE EPA <sup>1</sup> (SQFT)	MAX LUMINAIRE WEIGHT <sup>1</sup> (LBS)	EPA (SQFT)	WEIGHT (LBS)	
1	N/A	4'-0"	2.0	75	1.1	22	MS321-040-020
	N/A	6'-0"	2.0	75	1.5	29	MS321-060-020
2	180°	4'-0"	2.0	75	2.1	40	MD322-040-020
	180°	6'-0"	2.0	75	2.8	54	MD322-060-020
3	120°	4'-0"	2.0	75	1.8	57	MY323-040-020
4	90°	4'-0"	2.0	75	2.8	75	MX324-040-020

1. Maximum luminaire EPA (Effective Projected Area) and weight values are based on a maximum mounting height of 70'-0". Variations from sizes above are available upon inquiry at the factory.
2. Total combined weight and EPA of brackets and luminaires cannot exceed Design Information of specified pole.

## PRODUCT ORDERING CODE

MODEL NUMBER	FINISH SYSTEM	STANDARD COLOR OPTIONS
MS321-040-020 MS321-060-020 MD322-040-020 MD322-060-020 MY323-040-020 MX324-040-020	GV = Galvanized FP = Finish Painted -----OPTIONAL----- FPGV = Finish Paint over Galvanizing VP30 = V-PRO™ 30 System VP32 = V-PRO™ 32 System VP53 = V-PRO™ 53 System VP54 = V-PRO™ 54 System VP57 = V-PRO™ 57 System VP100 = V-PRO™ 100 System VP105 = V-PRO™ 105 System	GV = Galvanized BK = Black DB = Dark Bronze MB = Medium Bronze WH = White LG = Light Gray CB = Bronze DG = Dark Green ST = Sandstone HG = Hunter Green SG = Slate Gray SL = Silver SC = Special Color (Specify)