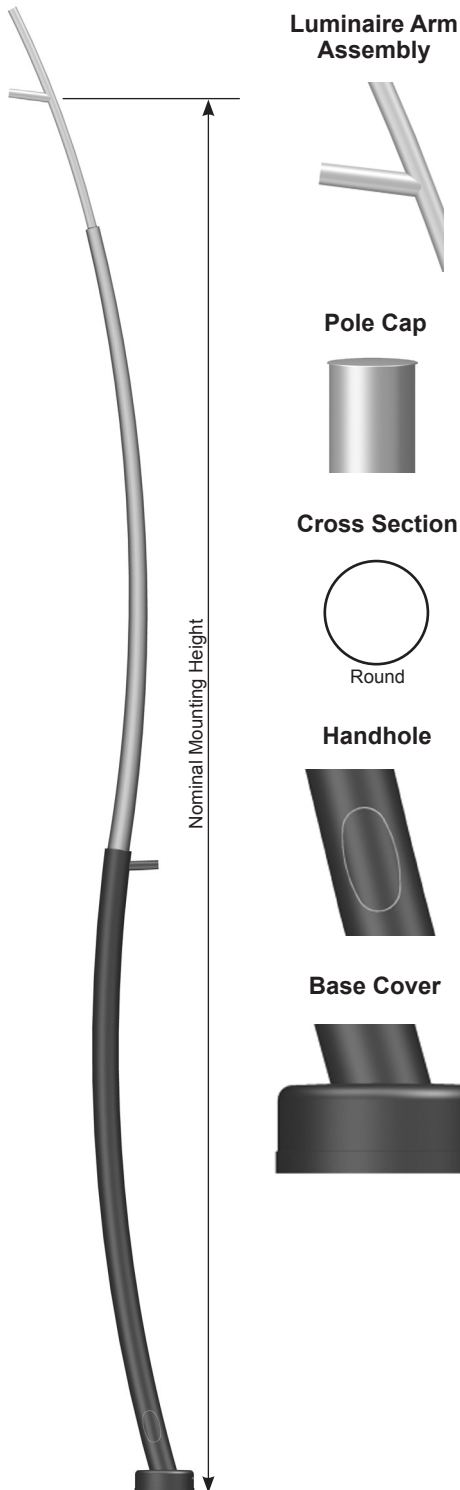


Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: _____ Quote: _____	Customer Approval: _____ Date: _____

## SPECIFICATIONS



**Pole** - The pole shaft is spun from seamless alloy aluminum.

**Luminaire Arm Assembly** - Provided with 2.38" OD tenons for slip fit luminaires. Poles available with (as shown) or without the mid-level luminaire mounting arrangement.

**Handhole** - A covered handhole and grounding provision with hardware is provided.

**Base Cover** - The Dart clamshell base cover is cast from high quality aluminum.

**Anchor Bolts** - Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and two flat washers. Bolts have an "L" bend on one end and are galvanized a minimum of 12" on the threaded end.

**Finish** - The standard finish for the final pole assembly and components is polyester powder applied coating in accordance with Valmont's Specifications. Additional finish options available upon request.

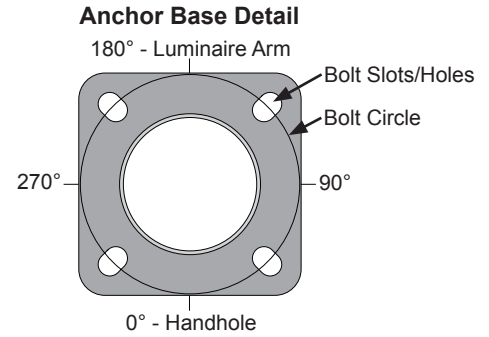
**Design Criteria** - Please reference Design Criteria Specification for appropriate design conditions.

# ROUND TAPERED ALUMINUM Idyline Sigma

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

## ANCHORAGE DATA

NUMBER OF SECTIONS	POLE BASE OD (IN)	ANCHOR BASE					ANCHOR BOLTS	
		BOLT CIRCLE		SQUARE (IN)	THK (IN)	DIA X LENGTH X HOOK (IN)	PROJECTION (IN)	± (IN)
2	5.50	DIA (IN)	± (IN)					
3	7.00	10.50	N/A	10.00	1.000	1.00 x 36.00 x 4.00	4.25	N/A



## LOAD AND DIMENSIONAL DATA

DESIGN INFORMATION										WALL THK (IN)	STRUCTURE WEIGHT <sup>2</sup> (LBS)	NUMBER OF SECTIONS	MODEL NUMBER
NOMINAL LUMINAIRE ARM MOUNTING HEIGHT	NOMINAL LUMINAIRE ARM SPAN	NOMINAL BRACKET ARM MOUNTING HEIGHT	MAX LUMINAIRE WEIGHT <sup>1</sup> (LBS)	70 MPH w/1.3 GUST MAX EPA <sup>1</sup> (SQ FT)	80 MPH w/1.3 GUST MAX EPA <sup>1</sup> (SQ FT)	90 MPH w/1.3 GUST MAX EPA <sup>1</sup> (SQ FT)	100 MPH w/1.3 GUST MAX EPA <sup>1</sup> (SQ FT)	110 MPH w/1.3 GUST MAX EPA <sup>1</sup> (SQ FT)	BASE OD (IN)				
16'-0"	0'-6"	N/A	70	18.6	13.7	10.3	7.9	6.3	5.50	0.188	55	2	s0-01
20'-0"	0'-5"	N/A	70	13.7	9.7	7.1	5.3	4.1	5.50	0.188	65	2	s0-02
25'-6"	0'-1"	10'-3"	70	15.2	10.8	7.9	5.9	4.5	7.00	0.188	105	3	s0-03
28'-6"	1'-4"	13'-7"	70	11.7	8.1	5.6	4.0	2.9	7.00	0.188	120	3	s0-04
16'-0"	-0'-1"	N/A	70	18.6	13.7	10.3	7.9	6.3	5.50	0.188	55	2	s5-01
25'-6"	4'-4"	10'-0"	70	14.8	10.3	7.4	5.5	4.2	7.00	0.188	110	3	s5-02
28'-6"	3'-5"	13'-3"	70	11.7	8.1	5.6	4.0	2.9	7.00	0.188	120	3	s5-03
16'-0"	4'-1"	N/A	70	18.6	13.7	10.3	7.9	6.3	5.50	0.188	55	2	s10-01
25'-6"	5'-0"	10'-3"	70	15.2	10.8	7.9	5.9	4.5	7.00	0.188	105	3	s10-02
28'-6"	9'-0"	N/A	70	11.7	8.1	5.6	4.0	2.9	7.00	0.188	120	3	s10-03

1. EPA represents the Effective Projected Area of each luminaire. Variations from sizes above are available upon inquiry at the factory. Satisfactory performance of poles is dependent upon the pole being properly attached to a supporting foundation of adequate design.
2. Structure Weight is a nominal value which includes the pole and base plate.
- NOTE: The maximum fixture EPA for each tenon shall be the lesser of the max EPA's listed above or 7.91 sq. ft at 70 MPH, 5.9 sq. ft at 80 MPH, 4.6 sq. ft at 90 MPH, 3.6 sq. ft at 100 MPH, 2.9 sq. ft at 110 MPH.

## COLOR SPECIFICATION CODES

MODEL NUMBER	COLOR - BASE COVER	COLOR - BOTTOM SECTION	COLOR - MIDDLE SECTION*	COLOR - TOP SECTION
s0-01 s0-02 s0-03 s0-04 s5-01 s5-02 s5-03 s10-01 s10-02 s10-03	DWH = White DSS = Sandstone BR = Burgundy HG = Hunter Green DNA = Natural Aluminum DCG = Charcoal Gray DMB = Medium Bronze SBN = Sanded Brown DNB = New Dark Bronze DDB = Dark Bronze SBK = Sanded Black DBL = Black DSB = Steel Blue DTG = Dark Green DBR = Red SC = Special Color (Contact Factory)	DWH = White DSS = Sandstone BR = Burgundy HG = Hunter Green DNA = Natural Aluminum DCG = Charcoal Gray DMB = Medium Bronze SBN = Sanded Brown DNB = New Dark Bronze DDB = Dark Bronze SBK = Sanded Black DBL = Black DSB = Steel Blue DTG = Dark Green DBR = Red SC = Special Color (Contact Factory)	DWH = White DSS = Sandstone BR = Burgundy HG = Hunter Green DNA = Natural Aluminum DCG = Charcoal Gray DMB = Medium Bronze SBN = Sanded Brown DNB = New Dark Bronze DDB = Dark Bronze SBK = Sanded Black DBL = Black DSB = Steel Blue DTG = Dark Green DBR = Red SC = Special Color (Contact Factory)	DWH = White DSS = Sandstone BR = Burgundy HG = Hunter Green DNA = Natural Aluminum DCG = Charcoal Gray DMB = Medium Bronze SBN = Sanded Brown DNB = New Dark Bronze DDB = Dark Bronze SBK = Sanded Black DBL = Black DSB = Steel Blue DTG = Dark Green DBR = Red SC = Special Color (Contact Factory)

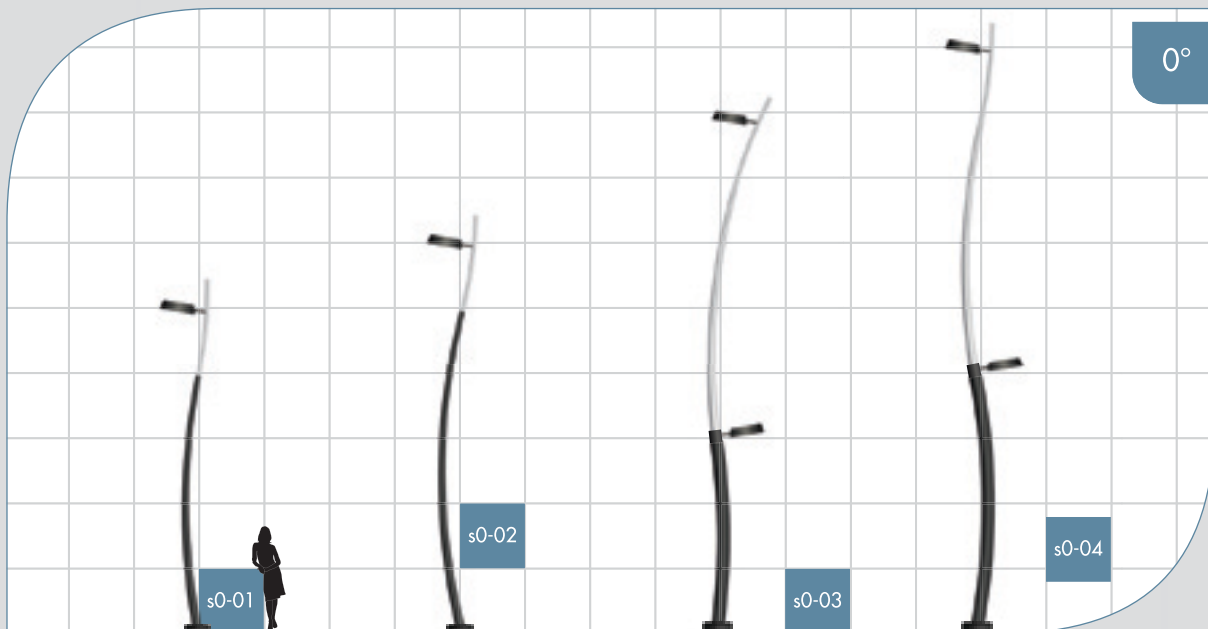
\* Model Numbers s0-01, s0-02, s5-01, and s10-01 do not have a middle section.

# Model Selection Guide

## .IDYLINE Sigma .

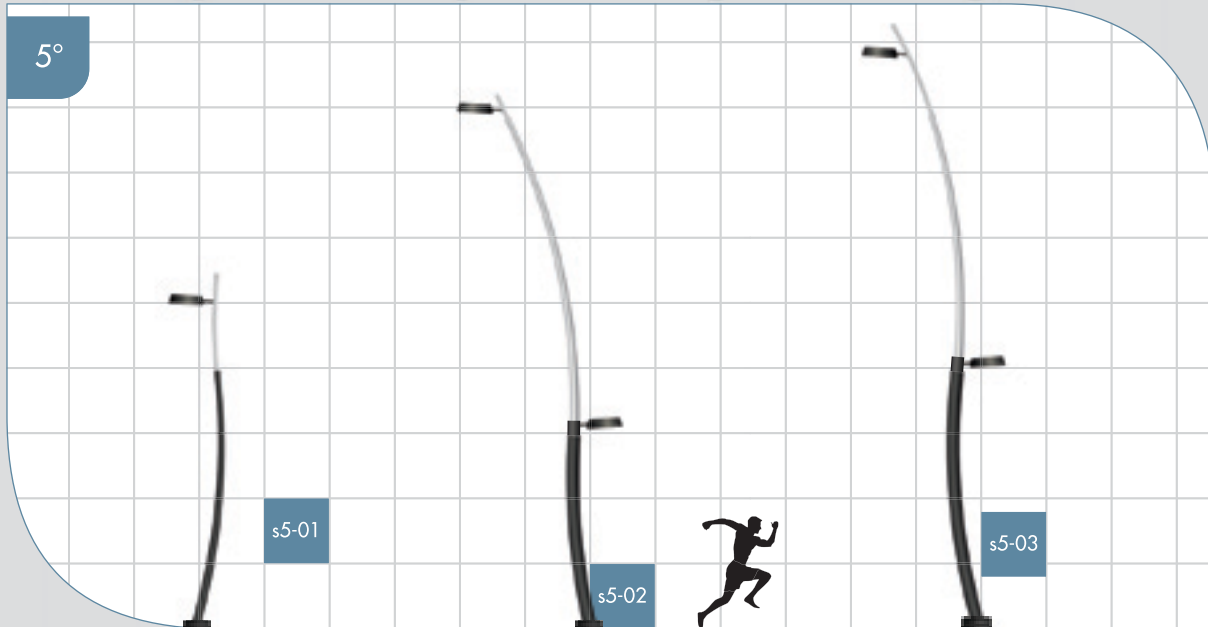
9 m  
(29.5 ft)  
8 m  
(26.3 ft)  
7 m  
(23.0 ft)  
6 m  
(19.7 ft)  
5 m  
(16.4 ft)  
4 m  
(13.1 ft)  
3 m  
(9.8 ft)  
2 m  
(6.6 ft)  
1 m  
(3.3 ft)

0°



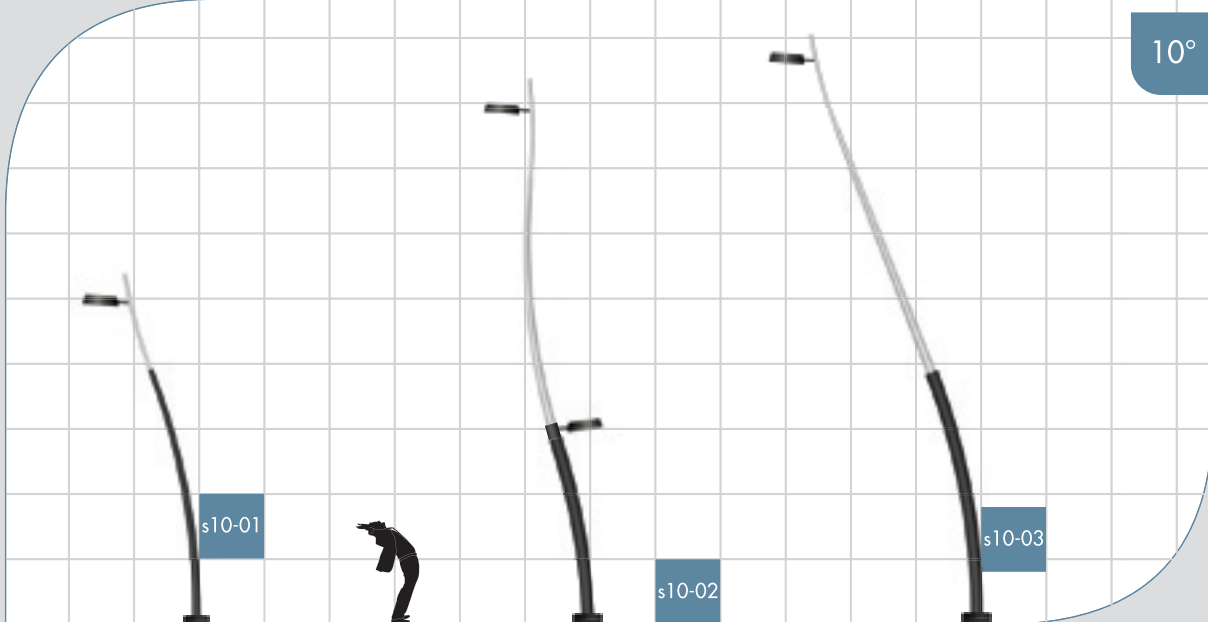
9 m  
(29.5 ft)  
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(16.4 ft)  
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(13.1 ft)  
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5°



9 m  
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(23.0 ft)  
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(19.7 ft)  
5 m  
(16.4 ft)  
4 m  
(13.1 ft)  
3 m  
(9.8 ft)  
2 m  
(6.6 ft)  
1 m  
(3.3 ft)

10°



Note: Dimensions shown are nominal.