Project Name: _____

Fixture Type: _____ **Quantity:** _____

Customer: _____

Specifications

Material:
Housing is heavy-duty spun aluminum. Catenary system is unpainted, stainless steel. All hardware provided is stainless steel.

Diffusion Globe:
Material: UV-stabilized rotationally molded polyethylene with a wall thickness of 3.0–3.5 mm. Optical Performance: Light transmission between 85% and 87% for consistent LED diffusion.

Fixture Mounting:
Catenary hub accepts 1/4" diameter structural cable. Cable is not included and engineering to structures is by others.

Drivers:
Universal Voltage 120-277V is standard. 0-10V dimming is standard. (Refer to Driver Specification section for other specifications.)
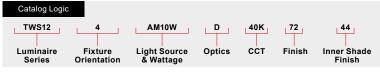
Electrical:
Integral LED Module & driver are both IP66. Luminaire head has liquid-tight IP68 fittings and accepts Accepts 18/5 SJTOW (others). Cable range is 0.170 - 0.450 diameter.

Finish:
A polyester powder coat high quality finish. Marine grade finish is available.

Certifications:
UL Listed for outdoor, wet location.

Modifications:
Consult factory for custom or modified designs.

TWS12 LED

EPA: 0.85
Weight: 7 lbs.

12 3/4" · Ø12" · 8"

Catalog Logic

TWS12	4	AM10W	D	40K	72	44
Luminaire Series	Fixture Orientation	Light Source & Wattage	Optics	CCT	Finish	Inner Shade Finish

Catalog Number

1	2	3	4	5	6

TWS12

1 FIXTURE ORIENTATION

4 (Catenary Mount)

2 LIGHT SOURCE & WATTAGES

AM10W (10W ANP Module COB)

AM20W (20W ANP Module COB)

AM30W (30W ANP Module COB)

*See LED Performance Charts for distribution type compatibility.

3 OPTICS

D (Domed Acrylic Wide Distribution Lens)

4 CCT (COLOR TEMPERATURE)

27K (2700K)

30K (3000K)

35K (3500K)

40K (4000K)

5 6 FINISHES
*Premium and Marine Grade Finish have additional charges

Standard Colors	Standard Grade	Marine Grade*	Standard Colors	Standard Grade	Marine Grade*
Aspen Green	10	10M	Copper Clay	53	53M
Cantaloupe	11	11M	Silver	56	56M
Lilac	12	12M	Black Verde	61	61M
Putty	13	13M	Painted Chrome	70	70M
Raw Unfinished	40	NA	Painted Copper	71	71M
Black	41	41M	Textured Black	72	72M
Forest Green	42	42M	Matte Black	73	73M
Bright Red	43	43M	Textured Architectural Bronze	76	76M
White	44	44M	Textured White	77	77M
Bright Blue	45	45M	Textured Silver	78	78M
Sunny Yellow	46	46M	**PREMIUM FINISH**	**Premium Grade***	**Marine Grade***
Aqua Green	47	47M	Textured Desert	80	80M
Galvanized	49	NA	Graystone	82	82M
Navy	50	50M	Oil Rubbed Bronze	83	83M
Architectural Bronze	51	51M	Carbon Graphite	96	96M
Patina Verde	52	52M			

Consult Factory for additional paint charges and availability.

MODULE SPECIFICATION

- CREE XLAMP CMU
- Typical Efficacy 90 lm/W
- CCT: 2700K, 3000K, 3500K, 4000K
- CRI: 90 (min) 92 Typical
- 3-Step Ellipse
- Certifications: UL Recognized, RoHS, ENEC, REACH

DRIVER SPECIFICATION

- Universal Input: 120-277V
- Dimming: 0-10V, TRIAC, ELV (Dims to 1%)
- Power Factor @ Full Load >90%
- THD @ Full Load <20%
- Constant Current Output 50/60Hz
- Operating Temperature: -30 C Minimum
- Lifetime: >50,000 hours
- Ingress Protection: IP66
- Certifications: UL Recognized, CE, FCC, Energy Star, DLC, CA Title 24

PERFORMANCE TABLE - ANP MODULE - INITIAL LUMENS

LED CATALOG	WATTS	DISTRIBUTION	2700K					3000K					3500K					4000K				
			INITIAL LUMENS	lm/W	B	U	G	INITIAL LUMENS	lm/W	B	U	G	INITIAL LUMENS	lm/W	B	U	G	INITIAL LUMENS	lm/W	B	U	G
AM10W	10W	TYPE V	847	85	1	0	0	888	89	1	0	0	899	90	1	0	0	910	91	1	0	0
AM20W	20W	TYPE V	1694	85	1	0	0	1777	89	1	0	0	1799	90	1	0	0	1820	91	1	0	0
AM30W	30W	TYPE V	2541	85	1	0	0	2665	89	1	0	0	2698	90	1	0	0	2730	91	1	0	0

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Project Name: _____

Fixture Type: _____ **Quantity:** _____

Customer: _____

FINISHES

- A polyester powder coat high quality finish is electro-statically applied and baked at 430°F for exceptional durability and color retention. Products undergo an intensive five-step cleansing and pretreatment process for maximum paint adhesion.
- Marine grade finish provides superior salt, humidity and UV protection. This coating withstands up to 3,000 hours of continuous salt spray, comes with a 5-year warranty and is available in either a textured or gloss surface.

WARRANTY

See www.ANPlighting.com for complete fixture warranty.

LED warranty information

- 5 year limited warranty*

- *Limited Warranty: A typical year is defined as 4,380 hours of operation.

FINISHES COLORS

STANDARD

WHITE · TEXTURED WHITE · SILVER · PAINTED CHROME · PAINTED GALVANIZED · PUTTY · TEXTURED SILVER · TEXTURED BLACK · MATTE BLACK · BLACK · BLACK VERDE · PATINA VERDE · FOREST GREEN · AQUA GREEN · ASPEN GREEN · BRIGHT BLUE · NAVY · SUNNY YELLOW · CANTALOUPE · LILAC · BRIGHT RED · PAINTED COPPER · COPPER CLAY · ARCHITECTURAL BRONZE · TEXTURED ARCHITECTURAL BRONZE

PREMIUM

TEXTURED DESERT · GRAYSTONE · OIL RUBBED BRONZE · CARBON GRAPHITE

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