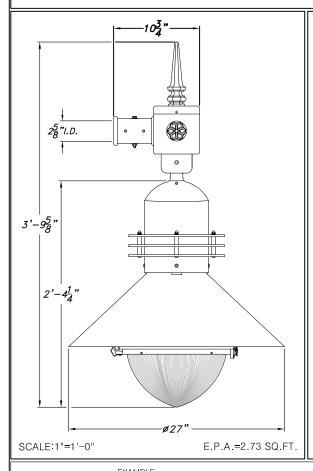
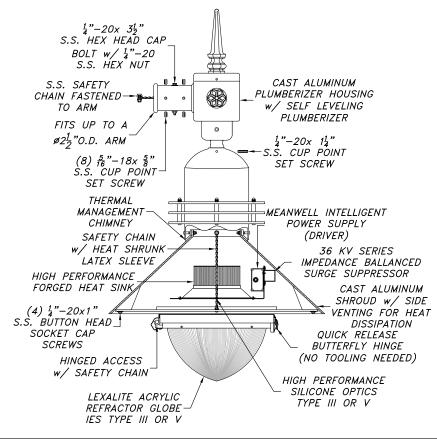
CUT OFF LANTERN: DARK SKY COMPLIANT, PENDANT MOUNTED HORIZONTAL LED ASSEMBLY.

TAWAS LED SERIES TW-27-RINGS-LEX-LED-S7

IP 66 RATED LED CHAMBER





EXAMPLE TW-27-RINGS-LEX-LED-5000-115-120/277-III-BLK

Kelvin Wattage Voltage Distribution Color Series VOLTAGE LIGHT COLOR OF POWDER COAT FINISH DISTRIBUTION RANGE-AC (HG) HAND BRUSHED GREEN (BLK) BLACK ■ TYPE III (BRZ) BRONZE (HR) HAND BRISHED GRAY 120/277v □ TYPE V (GRN) GREEN □ CUSTOM

LUMINAIRE SPECIFICATIONS

STANDARD

KELVIN

□ 3000

4000

□ 5000

The pendant mount luminaire shall be core cast aluminum. Aluminum shall be certified as pure #356 alloy, free of any porosity, foreign materials or cosmetic fillers. Castings shall be uniform wall thickness with no warping or mold shifting. Minimum wall thickness shall be 3/16". Electrical components are one piece plug-in. LED assembly unit shall be mounted with four stainless steel screws. The core ports for vetilation located just beneath pendant housing and LED unit mounting ring increase thermal management and over all LED longevity. A optional refractor globe shall be molded of acrylic with external refractors designed for a Type III or V light distribution

WATTAGE RANGE

ACTUAL = EQUIVALENT = LUMENS

60w=100w HPS/150w MH EQ.- 7,400 Lmns

80w=150w HPS/250w MH EQ. - 9,800 Lmns

115w=200w HPS/320w MH EQ.-12,800 Lmns

140w=250w HPS/400w MH EQ.-15,800 Lmns

240w=400w HPS/750w MH EQ -28,300 Lmns

LED POWER SUPPLY

All electrical components and materials shall be UL-recognized and wired by a certified UL technician. The electrical assembly is prewired with quick disconnects for servicing. Electrical components rated for 1 amp but only draws 300 milliamps which adds to the units longevity. Input voltage120–277v with 36kV surge suppression. All components are IP66 rated with a 1.0 PF rating. Service life up to 100,000 hours life at -40°C to +40°C Ambient, Operating Temperature. <20% Total Harmonic Distortion

LED CIRCUIT BOARD

LED's are available in 3000, 4000 & 5000 Kelvin with a Type III or Type V light distribution. Instant On/Off soft start. PF rating of 95% Solid State panel.

Fixture shall be mounted to a Self Leveling Plumberizer. Plumberizer shall mount to arm with stainless steel set screws and thru bolt.

Catalog Name: <u>TW-27-RINGS-LEX-LED-S7</u>	Date: <u>03.22.19</u>
Revision History:N/A	Revision #: <u>0</u>
Niland Approval: <u>Luis M.Gomez</u> Customer Approval:	Page: <u>5</u> of <u>5</u>

CERTIFICATION

The fixture shall be UL Certified for wet location use. LED unit is DLC Listed with IP66 Components. Designed to UL 1598 & UL 1449 3rd Edition. UL Driver is installed. Complies with IEEE C62.41 and FCC Part 15 Class A.

FINISH-AAMA-2604-5

TW-27-RINGS-LEX-LED-

Fixture finish shall consist of degreasing, phosphate acid etching with 140°+ deionized water, rinsed, oven dry off and top coated with a thermoset TGIC super polyester powder coal finish designed not to chalk or fade for many years. All Niland Company powders must pass a minimum 3000-hour salt spray test for corrosion resistance.

WARRANTY

Quick 60+ month warranty on LED module and electronic driver. Please contact manufacturer for more details.

Complete photometric data for all fixtures is available in IES-formatted. A certified independent laboratory





QUICK 60+ Warranty On Parts