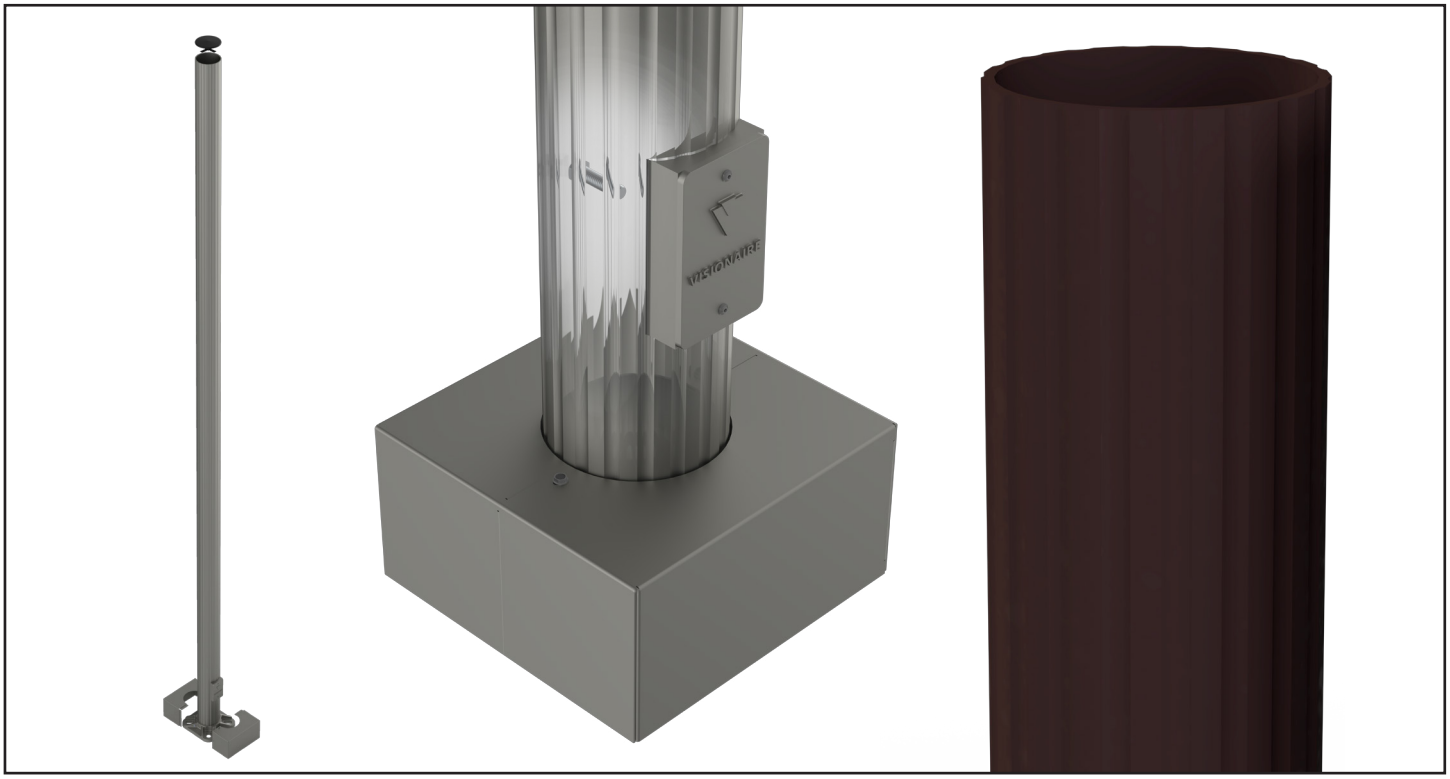
RNTFA Specifications

Round Non Tapered Fluted Aluminum Pole



Round Non Tapered Fluted Aluminum Pole

Pole Shaft

• Extruded from 6063 alloy aluminum tubing. Shaft is furnished with aluminum ground lug inside pole, opposite hand hole opening. Pole shaft includes a reinforced hand hole opening with cover.

Base Cover

• Die-formed from heavy gauge quality aluminum. Two piece square cover for easy installation. *Round base covers are optional.
• Base templates provided with order. Do not pre-pour.

Pole Cap

• Color-impregnated polymer snap-to-close pole cap provided in black.

Finish

• All poles are ground and chemically pretreated through a multi-stage washer prior to painting. A Quali-Guard® textured thermoset polyester powder coat is then applied to a minimum of 3 mils and then oven-baked at a temperature of 400 ºF to promote exceptional adherence and finish hardness. Optional Zinc-Free Primer - Recommended within three miles of the ocean. Pole finish is warranted for a full two (2) years. An optional five (5) year extended warranty is also available.

Project Name:	
Catalog Number:	
Type:	
Date:	Location:

Anchor Bolts

• Poles are provided with hot-dip galvanized anchor bolts, with a “J” bend on one end and two flat hex bolts end and two flat washers per bolt. Anchor bolts meet or exceed a minimum of 36,000 PSI. Anchor bolts conform to ASTM F1554 grade 36 and are provided.

LED Specifications **RNTFA**

MODEL

RNTFA
Round
Non Tapered
Fluted Aluminum

SHAFT SIZE

4R
4" Ø

5R
5" Ø

GAUGE

188
.188"

HEIGHT

10'

12'

14'

BASE

AKB
Cast Aluminum Base

CB
Custom Base
• Consult Factory

Direct Burial
*Consult Factory
NOTE: CUP and/or
HHC Options required.

ANCHORAGE

343
3/4" X 30"

MOUNTING

S1
Single
Bolt-On Arm

D2
Double 180°
Bolt-On Arm

D9
Double 90°
Bolt-On Arm

T1
Triple 120°
Bolt-On Arm

T9
Triple 90°
Bolt-On Arm

QD
Quad
Bolt-On Arm

Tenon Options

T238R
2 3/8"

T3R
3"

T3.5R
3 1/2"

T4R
4"

FINISH

BZ
Bronze

BK
Black

SBK
Smooth Black

WH
White

SWH
Smooth White

GP
Graphite

GY
Grey

SL
Silver Metallic

GN
Tennis Green

FG
Forest Green

CC
Custom Color

FINISH OPTIONS

ANO
Anodized
*No Paint

XX+ANO
Powder Coat Paint
Over Anodized

ZFP
Zinc-Free
Primer Coat
*Consult Factory

ELECTRICAL OPTIONS

RBC
Round Base Cover
*Consult Factory

GFI
GFI Receptacle
*Standard location is
in hand hole. Supplied with
in use cover.

USB
USB Receptacle
*Specify location. Supplied with
in use cover.

UL
UL Certified

OPTIONS

CUP1/2
Coupling 1/2"
*Specify location

CUP3/4
Coupling 3/4"
*Specify location

XHH
Extra Hand Hole
*Specify location

HCR
Rust-Inhibiting Internal
Coating & Primer
*Required for Direct
Burial Poles

IVD
Internal Vibration Dampener

EB
Eye Bolt

BAA
Buy America(n)
Act Compliant

BABA
Build America
Buy American

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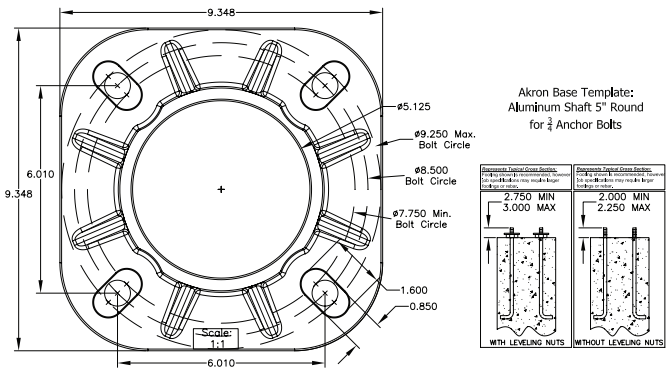
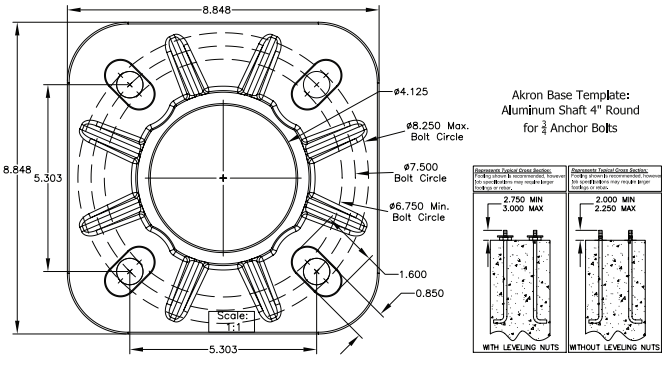
*Consult factory for EPA data.

• CAUTION: If any additional stress such as flags, banners, streamers, ropes, or any other such items are added to poles, Visionaire Lighting's normal product guarantee is null and void. Additionally, adding such items to any pole may create severely hazardous conditions. Poles are calculated to withstand steady wind velocities of between 70 and 100 mph wind zones with a 1.3 gust factor depending on height, wall thickness, and width/ diameter. For an exact rating on a specific order, contact Visionaire directly.

• Certain geographic areas experience unique wind conditions that can cause wind-induced vibrations leading to a fatigue problem. There is currently no known method to predict destructive vibration of lighting poles. These conditions are unique and cannot be guaranteed against, and it is the responsibility of a site engineer to address them locally.

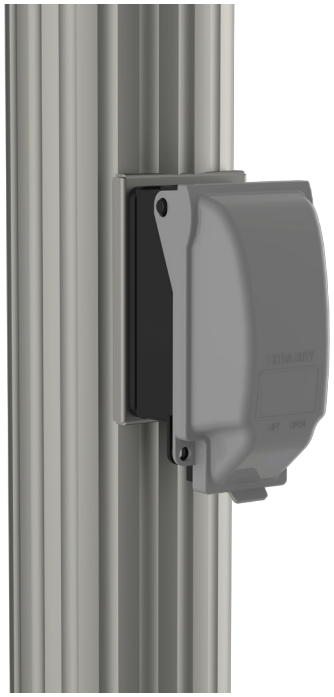
Base Plate Templates - Not To Scale





GFI Receptacle

Standard location is in hand hole.
Supplied with in-use cover.



USB Receptacle

Standard location is in hand hole.
Supplied with in-use cover.

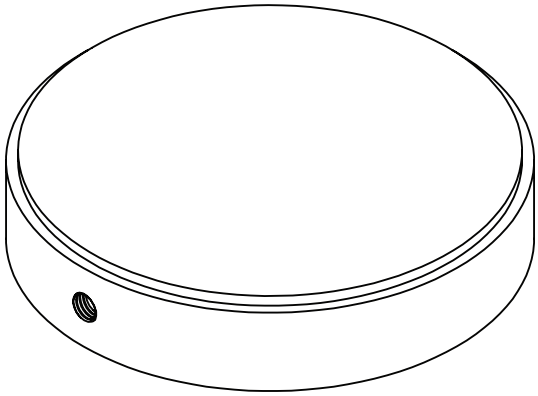
Optional round base cover shown.

Eye Bolt

Specify orientation, height and location. 1 17/32" Max eye diameter. Standard position 6” downwards from top, same side as standard hand hole.

UL Certified

UL Certified option comes supplied with aluminum pole cap painted black as standard.



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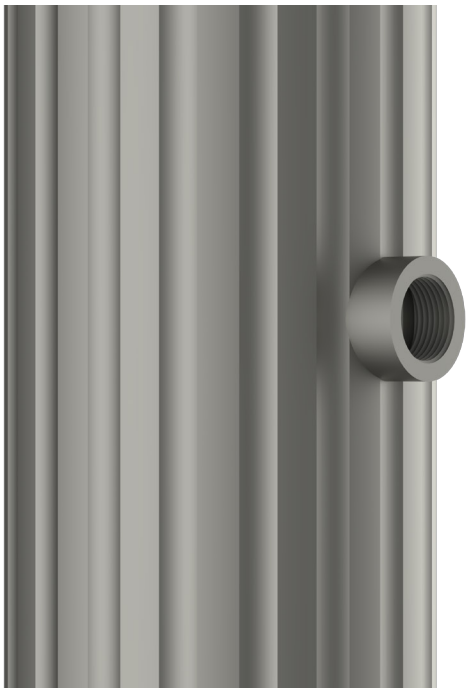
LED Specifications **RNTFA**

1/2” Coupling

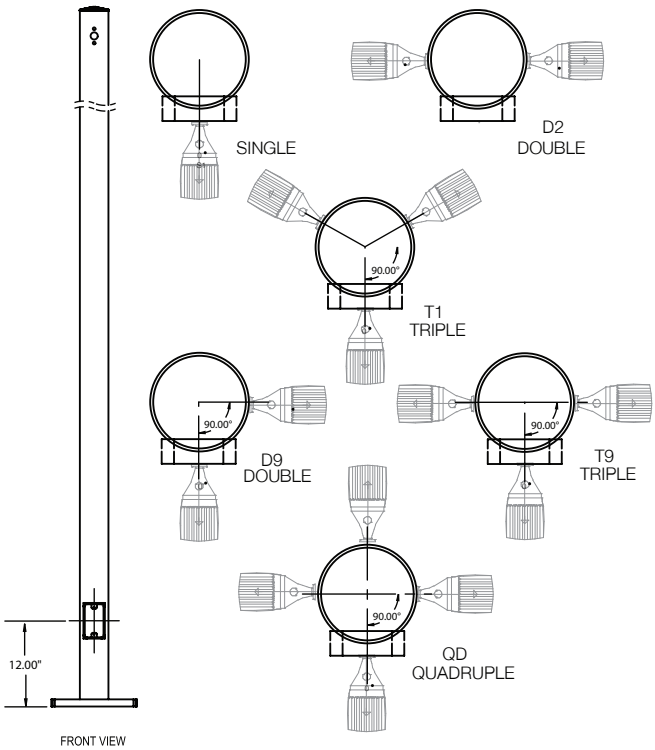
Specify orientation, height and location

3/4” Coupling

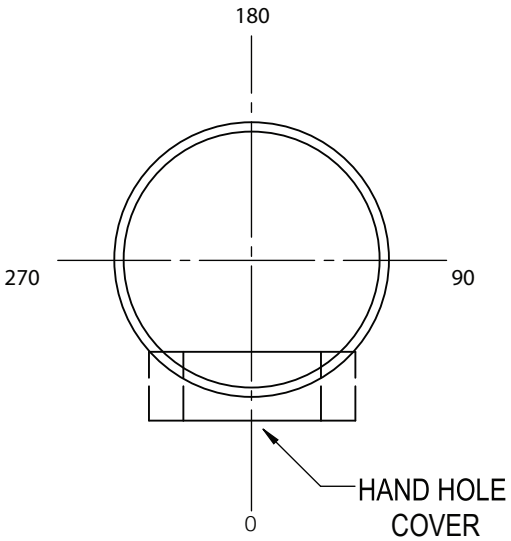
Specify orientation, height and location



Hand Hole And Fixture Orientation

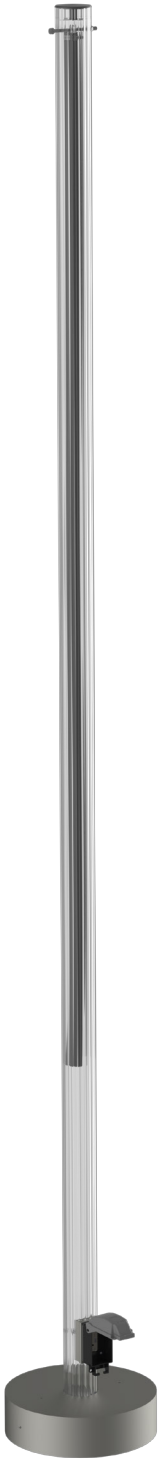


Hand Hole And Accesories Orientation



Internal Vibration Dampener

Internal Chain Vibration Damper can be
installed in the field to mollify first mode pole vibration.



Optional round base cover shown.

10 Standard Finish Colors

Bronze
Black
Smooth Black
White
Smooth White
Graphite
Grey
Silver Metallic
Tennis Green
Forest Green

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Extra Hand Hole

XHH (Standard Dimensions are 3" X 5")
To Specify the XHH, you must choose the desired side of the pole in degrees, and the location of the center of the hand hole from grade in feet
. Refer to Fig. 1 and Fig 2.

Ordering Example : XHH-0DEG-YFT (XHH-0DEG-3FT)

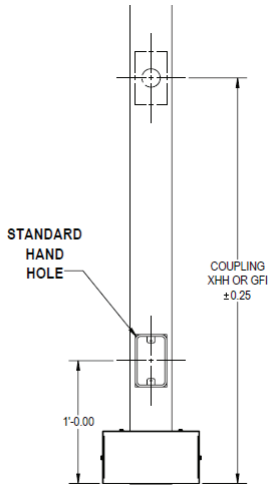

Fig. 1

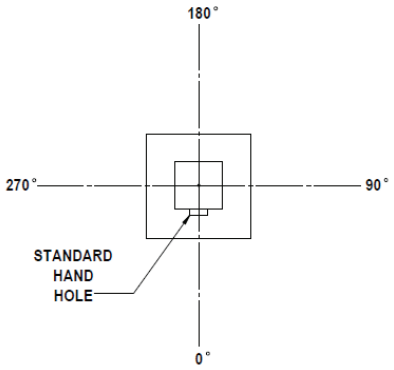

Fig. 2

Coupling

CUP (Coupling sizes are 1/2"NPT, 3/4NPT, 1"NPT")
To specify the CUP, you must choose size, orientation in degrees and location in feet for each coupling. Refer to Fig. 1 and Fig 2.

Ordering Example : CUPS-0DEG-YFT (CUP1/2-0DEG-7FT)

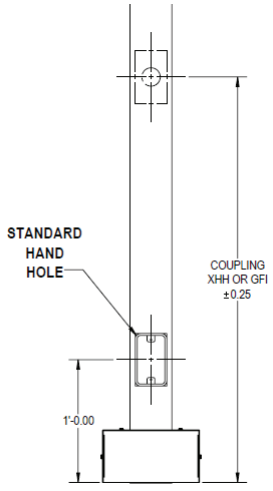

Fig. 1

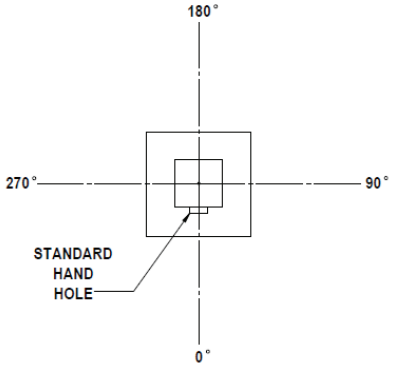

Fig. 2