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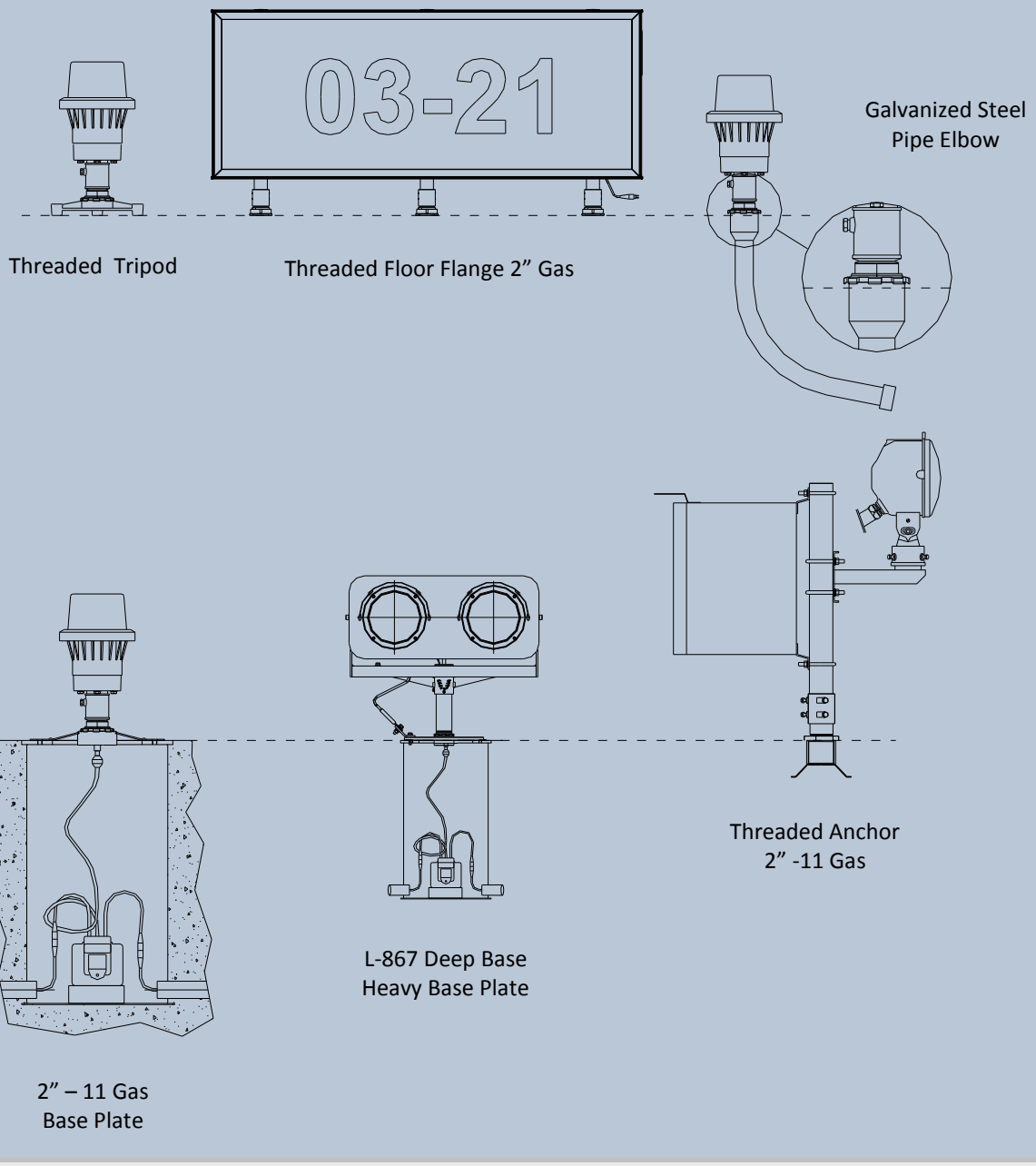
ELM

ELEVATED LIGHT MOUNTING

MOUNTING SOLUTIONS



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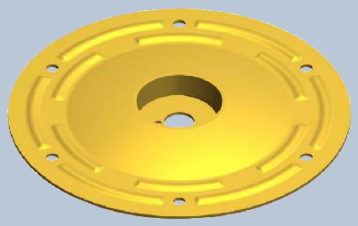
2" –11 Gas BASE PLATE

COMPLIANCES

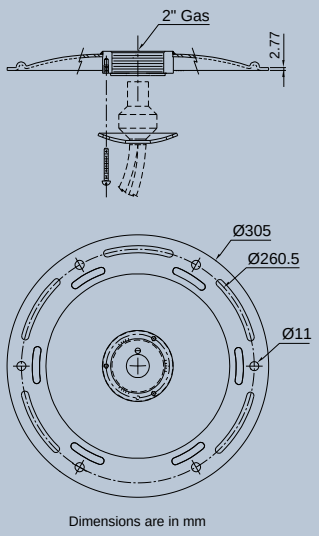
FAA AC 150/5345-46 (Light Fixtures)

Material: Corten A606 steel
Finish: Aviation yellow powder coat
#6 thru holes 11 mm dia. equally spaced

The base plate is used for elevated lights mounting on deep bases FAA L-867B. It has a diameter of 12" (304.8mm), a thickness of 2.77mm and is able to support the weight of normal elevated lights. It is yellow painted and has a threaded hole 2" Gas to screw the breakbale coupling of the elevated lights. It is complete with support plate with screws, holding tightly in place the receptacle and neoprene gasket.



L-867B Base Plate



Dimensions are in mm

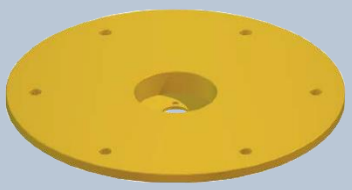
BASE PLATE for RGL

COMPLIANCES

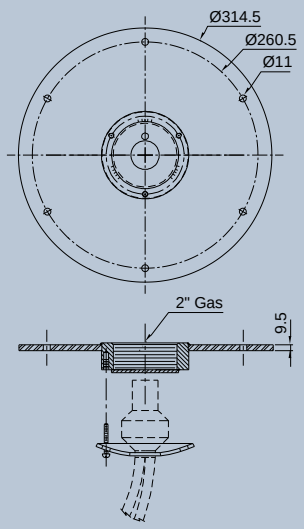
FAA AC 150/5345-46 (Light Fixtures)

Material: A36 steel
Finish: Aviation yellow powder coat
#6 thru holes 11 mm dia. equally spaced

The base plate is used for heavy weight elevated lights mounting on deep bases FAA L-867B. It has a diameter of 12" (304.8mm), a thickness of 9.5mm and is able to support the heavy weight of elevated lights, such as Runway Guard Lights. It is yellow painted and has a threaded hole 2" Gas. It is complete with support plate with screws, holding tightly in place the receptacle and neoprene gasket.



L-867B Base Plate

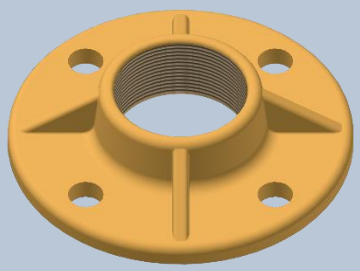


Dimensions are in mm

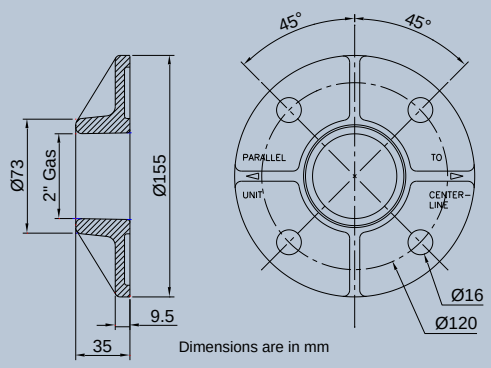
FLOOR FLANGE

Material: Aliminium.
Finish: Aviation yellow powder coat
thru holes 16 mm dia. equally spaced

The floor flange is used for elevated lights mounting on ground. It has a diameter of 155mm and is able to support the weight of normal elevated lights. It is yellow painted and has a threaded hole 2" Gas; for ground mounting 4 holes 16mm diameter are provided at 120°.



Floor Flange



Dimensions are in mm

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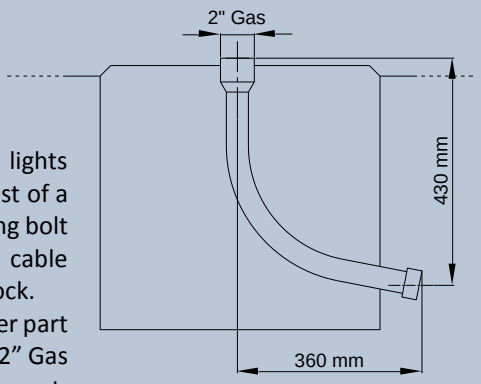
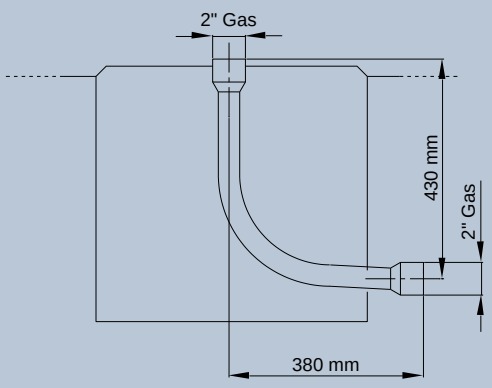
PIPE ELBOW

Material: Aluminium

The pipe elbow is used for elevated lights mounting on concrete block. It consist of a hot dip galvanized iron with grounding bolt at lower end, flanged to avoid cable damages to be cast into concrete block.
As standard is available with the upper part 2” Gas threaded sleeves or with two 2” Gas threaded sleeves on upper and lower part.
For installation, a concrete block should be provided, dimension 500x500m depth 500m. To keep the receptacle tightly place inside pipe elbow upper sleeve, a pair of Ryton rings are supplied.



Standard Pipe Elbow



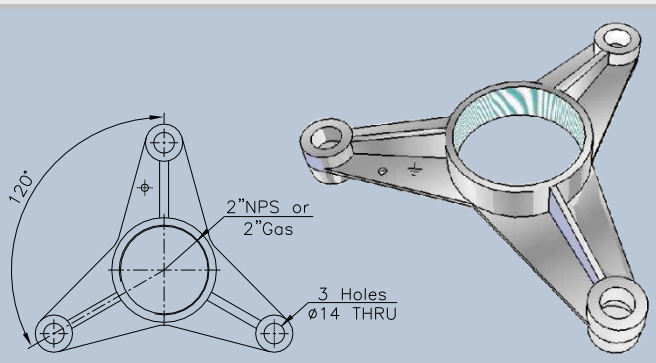
Pipe Elbow with 2 Threaded connections

TRIPOD

COMPLIANCE

ICAO Annex 14 Approved
and Chapter 15 of the Design Manual Part 4 Aerodrome

MATERIAL

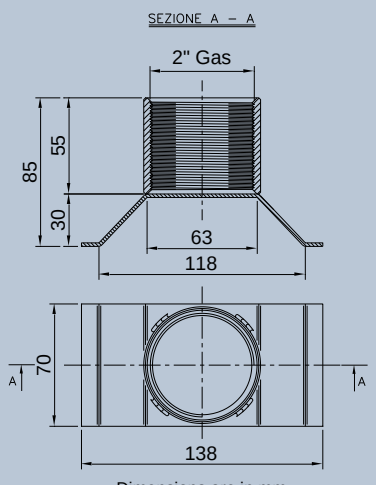


The tripod Stand is aluminium alloy casting, phosphate.
All fixing and fastenings are stainless steel.
The Tripod Stand can be supplied either with 2” NPS thread or with 2” Gas thread.
Crimping Terminal can be crimped on cables with section of conductor from 4 to 6 mm^2.
Each tripod Stand is delivered with three M10 sealing rods 120 mm long.

THREADED ANCHOR

Material: Galvanized Iron

The threaded anchor is used for elevated lights mounting on concrete basement or concrete block. It is made of a threaded sleeve with two wings for a better grip; anchor is mounted inside a core drilling on concrete basement or concrete block. It is unpainted and has a threaded sleeve 2” Gas for breakbale coupling light mounting. Typical use of these accessories are installation of PAPI and Flashing lights.



Dimensions are in mm

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DEEP BASES

COMPLIANCES

FAA AC 150/5345-42
FAA AC 150/5340-30 (Installation)
FAA AC 150/5345-46 (Light Fixtures)

FEATURES

FAA TYPES

L-867 base for applications subject to occasional light vehicular loading but no aircraft or other heavy vehicular loading.

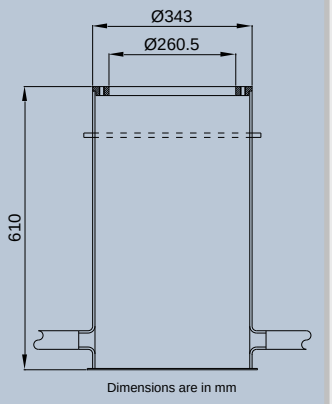
FAA CLASSES

Class IA - Metallic Bases - Galvanized Steel
Class IB - Metallic Bases corrosion resistant - Stainless Steel

FAA SIZES

B - 12 inch L-867
D - 16 inch L-867
E - 24 inch L-867

Type L-867 is used as a mounting base for elevated or in-pavement airport light fixtures, as a housing for series circuit transformers, and as an electrical junction box. It is designed to light vehicular loading but noe aircraft or other heavy vehicular. The design must allow the installation of any in-pavement fixture.
Type L-867 is also available in stainless steel.
The length of the base may vary to meet specific conditions. Standard height is 21" (610mm).
The location, number, and size of conduit entrances shall be considered standard at 180°, but it may vary to meet specific conditions.



L-867B 12" dia.

STAKE

COMPLIANCE

FAA AC 150/5345-42

Material: Galvanized Steel

The mounting stake is used for elevated lights mounting on ground or concrete block. It is made of galvanized steel. It is complete with a 2" Gas female threaded sleeve suitable for hold two Ryton rings keeping tightly in place the receptacle mounted on secondary cable of isolating transformer. The mounting stake is provided with grounding bolt and nut.

MOUNTING POLE

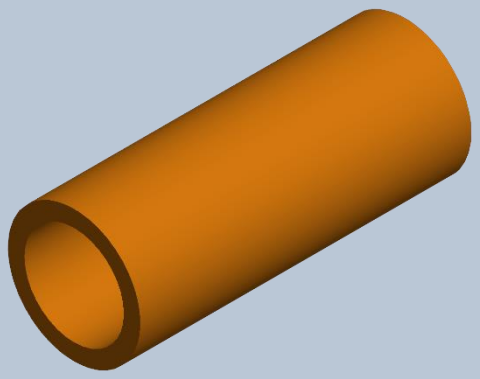
COMPLIANCE

FAA AC 150/5345-46 (Light Fixtures)

Material: Galvanized Steel or Aluminium

The mounting pole is used for elevated lights mounting on breakable coupling. It is complete with a 2" gas male threaded on lower part to screw pole on breakable coupling. It is available in some standard heights such as: 100mm, 500mm, 1000mm, 1500mm, 2000mm, but on request other heights are available, usually less than 2000mm. This pole is used for elevated halogen approach lights mounting and it is made of galvanized steel.
For LED elevated approach lights mounting another version is available, in same heights, but with no threaded parts, suitable to be mounted on breakbale coupling with screws. It is made of aluminium.

MOUNTING POLE 2" Gas
Is available With or Without Threaded



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