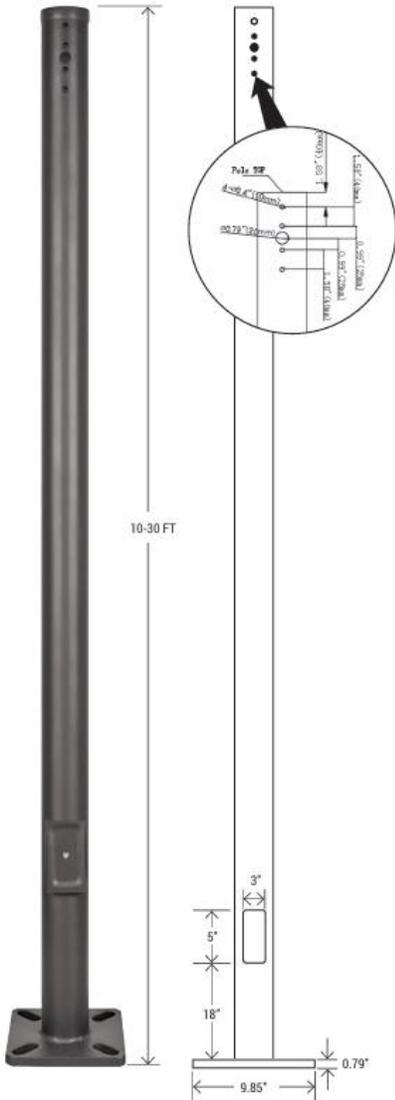




RPAL Series – Straight Round Steel Lighting Poles 10’-30’

FEATURES & SPECIFICATION SHEET



Application

The IL-RPAL Series Straight Round Steel poles are built from high strength steel tube and are available side drilled for arm mounted area lighting luminaires or with tenon mounts for flood and post top luminaires. Typical area lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 10 to 30 feet can be used based on selected luminaire application.

Features

FINISH: Textured architectural bronze powder-coat finish, baked to ensure maximum paint adhesion, hardness and durability.

ANCHOR BOLTS: Anchor bolts are not included, sized based on pole data charts for the selected pole size.

HAND HOLE: Cast iron reinforced hand hole and cover with ground screw.

BASE COVER: Poles are provided with a two-piece formed steel base cover that is easily assembled and fitted over pole base.

SURFACE TREATMENT: Hot-dip galvanizing.

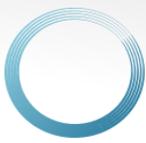
POLE LENGTH: Poles are available in standard lengths as shown in the order matrix. Poles can be custom cut to order. Consult factory.

SPECIFICATIONS: Conforms to ASTM-A 500 Grade B: Minimum Yield Strength of 46,000 PSI.

Warranty

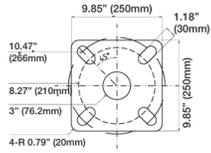
Guaranteed for 10 years against manufacturing defects.

| CAT# | HEIGHT | GAUGE | SIZE | BOLT SIZE | WEIGHT (LBS) | EPA 70 | EPA 80 | EPA 90 | EPA 100 | EPA 110 | EPA 120 |
|------------|--------|-------|---------|--|--------------|--------|--------|--------|---------|---------|---------|
| IL-RPAL-10 | 10ft | 11 | 3" dia. | M0.75"X 19.69"X 3.94" | 72 | 26.2 | 22.5 | 20.1 | 16.4 | 11.3 | 9.6 |
| IL-RPAL-15 | 15ft | | 4" dia. | | 95 | 17.8 | 14.6 | 12.3 | 10.9 | 8.2 | 6.4 |
| IL-RPAL-20 | 20ft | | | | 143 | 11.9 | 9.1 | 8.8 | 6.8 | 5.5 | 3.8 |
| IL-RPAL-25 | 25ft | | | | 176 | 10.9 | 7.9 | 6.7 | 5.3 | 4.6 | 3.1 |
| IL-RPAL-30 | 30ft | | 5" dia. | M0.75"X 19.69"X3.94"/ M0.95"X 36"X4" | 242 | 8.5 | 6.6 | 5.7 | 4.2 | 3.2 | 2.1 |

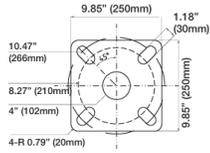


Base Dimensions

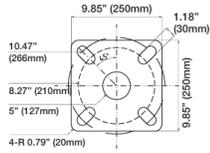
3" Flange



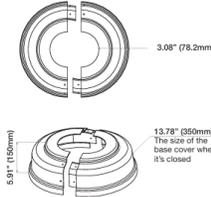
4" Flange



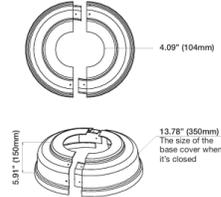
5" Flange



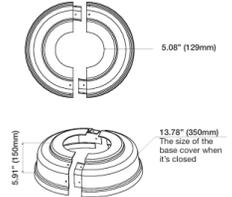
3" Flange Base Cover Size



4" Flange Base Cover Size



5" Flange Base Cover Size



Installation

1. Dig a hole in the installation position of the lamp pole. Fixed four fastener fittings according to the hole position of lamp pole and poured with cement concrete. (as shown in the figure)

2. Install 4 screws onto the stick and adjust to same water level, then place the square plate and screw tightly. Install the cover at the bottom of pole. (as shown in the figure)

ANCHORAGE GUIDE

3"X5" HAND HOLE COVER

Reference design of Concrete size

| Specifications | Ø | H |
|----------------|--------------|---------------|
| 10-15FT | 31.5"(800mm) | 59.1"(1500mm) |
| 20-25FT | 35.4"(900mm) | 70.9"(1800mm) |
| 30FT | 35.4"(900mm) | 82.7"(2100mm) |

Foundation Design: We offer Foundation design references due to variations in soil structure across different areas, and we do not assume any responsibility for this variability.

Fixture Config

