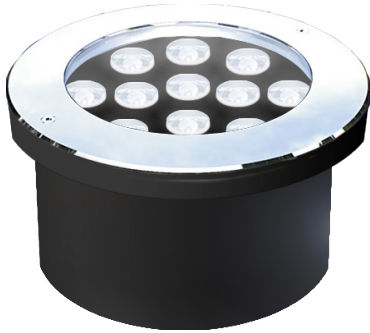
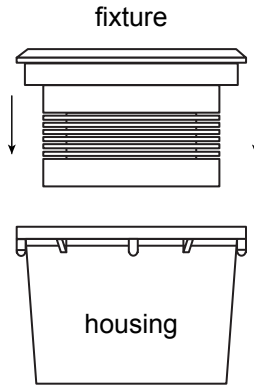


PROJECT	DATE
TYPE	QTY

LED OUTDOOR RECESSED FIXTURES



IL-IGL-160A-12P
(Shown recessed in housing)



From 3 - 8" for various outdoor applications

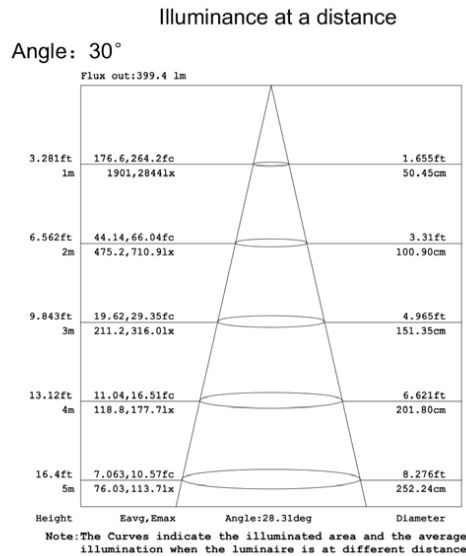
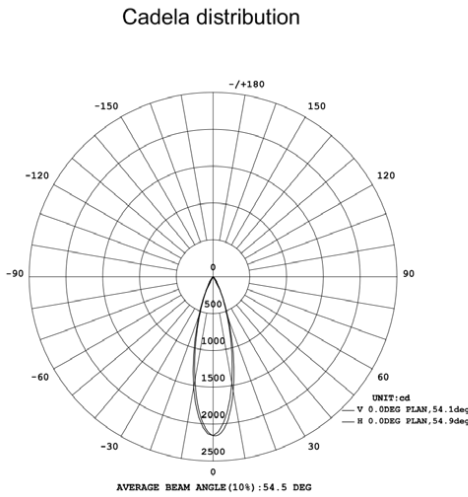
DESCRIPTION:

The **IL-INGROUND SERIES** is a durable stainless steel fixture that sits in a plastic recessed housing. Perfect for decorative applications such as shopping plazas, restaurants, bars, exhibition halls, stage lighting, and conference rooms, parking garage structures. Energy efficient LED comes in warm white and cool white and RGB+W.

SPECIFICATIONS

Materials	316 Stainless Steel + Aluminum, ADC12+Glass Lens, Plastic Housing
Size	2.56" ϕ - 9.45" ϕ
Weight	0.51lbs. - 6.5lbs.
LED Quantity	1 - 36 LED's
Color	Red, Green, Blue, Warm White or Cool White
Power	1W-36W
Beam Angle	20°, 30°, 40°

PHOTOMETRICS:



FEATURES & BENEFITS:

- IP67-Outdoor Use
- Durable Housing and Lens
- Energy Efficient
- Wide Range of Sizes

MODEL NO.	LED COLOR	LUMENS	POWER	BEAM ANGLE	SIZE	WEIGHT	✓
IL-IGL-65A-1P	R,G,B,WW,CW,W	1	1 Watt	20° / 30° / 40°	ϕ 2.56" x 3.0" H	.5lbs \pm 5%	
IL-IGL-100A-3P	R,G,B,WW,CW,W	3	3 Watt	20° / 30° / 40°	ϕ 3.94" x 3.5" H	1lb \pm 5%	
IL-IGL-130A-6P	R,G,B,WW,CW,W	6	6 Watt	20° / 30° / 40°	ϕ 5.12" x 3.5" H	1.8lb \pm 5%	
IL-IGL-160A-9P	R,G,B,WW,CW,W	9	9 Watt	20° / 30° / 40°	ϕ 6.3" x 3.5" H	2.7lb \pm 5%	
IL-IGL-160A-12P	R,G,B,WW,CW,W	12	12 Watt	20° / 30° / 40°	ϕ 6.3" x 3.5" H	2.7lb \pm 5%	
IL-IGL-190A-18P	R,G,B,WW,CW,W	18	18 Watt	20° / 30° / 40°	ϕ 7.48 x 3.7" H	3.9lb \pm 5%	
IL-IGL-215A-24P	R,G,B,WW,CW,W	24	24 Watt	20° / 30° / 40°	ϕ 8.35" x 3.7" H	4.78 \pm 5%	
IL-IGL-215A-36P	R,G,B,WW,CW,W	36	36 Watt	20° / 30° / 40°	ϕ 8.35" x 9.4" H	6.6 \pm 5%	

IMPACT LIGHTING

2101 West Central Blvd. Orlando, Florida 32805 USA • Phone: 1.800.507.5714 • Email: sales@impactlightinginc.com

www.impactlightinginc.com

A. INSTALLATION

A1) POSITIONING

- Create your layout by positioning your underground light(s), cables, pipes and controllers if any on desired ground area.

A2) ASSEMBLY

- Use professional grade PVC pipe with a diameter large enough to fit extension cables, connectors and controllers
- Make sure PVC has no seams or cracks that will allow concrete to enter

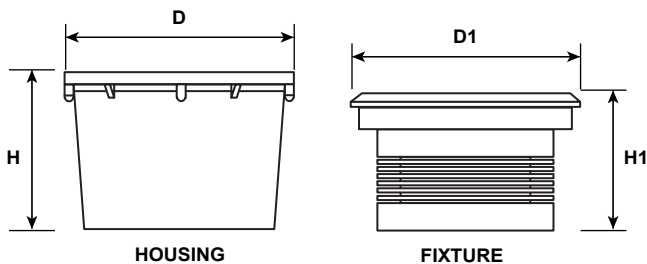
A3) HOUSING INSTALLATION

- MEASURE HOUSING HOLE CAREFULLY to be sure there is a snug fit in the ground. (*refer to chart below)
- Housing should be FLUSH WITH THE GROUND
- Use concrete to seal and hold the housing tightly.
- Make sure no concrete enters the housing unit

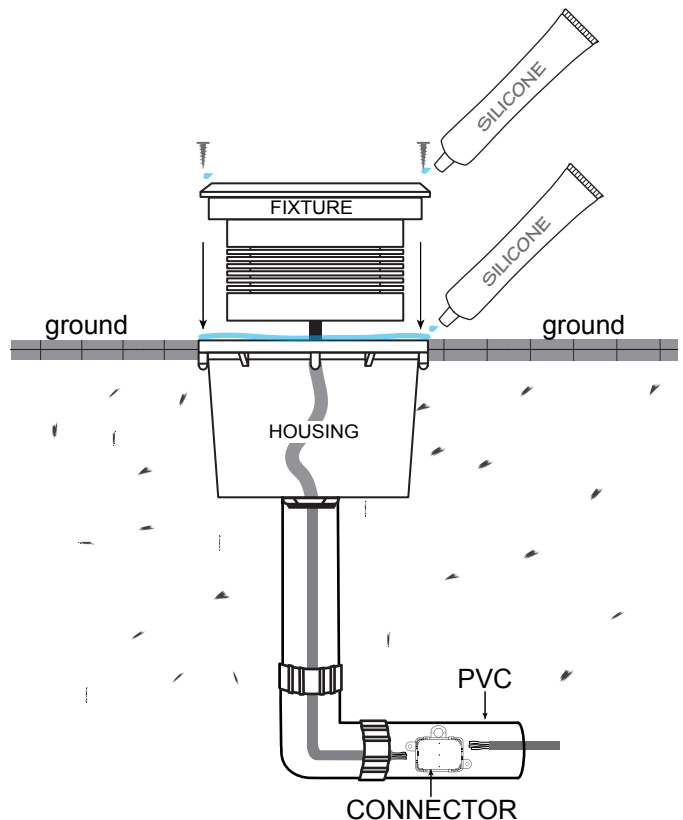
A3) FIXTURE INSTALLATION

- After housing is firmly set in concrete or chosen flooring, securely connect wires to fixture & sink into housing.
- Use provided screws to fasten fixture into the housings predrilled holes.

(USING SILICONE GLUE ON SCREW TIPS AS WELL AS LIP OF FIXTURE IS STRONGLY SUGGESTED)



MODEL NO.	*HOUSING D x H	FIXTURE D1 x H1
IL-IGL-65A-1P	2.56" x 3.0"	2.36" x 2.81"
IL-IGL-100A-3P	3.94" x 3.5"	3.68" x 3.32"
IL-IGL-130A-6P	5.12" x 3.5"	4.88" x 3.34"
IL-IGL-160A-9P	6.3" x 3.5"	6.18" x 3.2"
IL-IGL-160A-12P	6.3" x 3.5"	6.18" x 3.2"
IL-IGL-190A-18P	7.48" x 3.7"	7.28" x 3.52"
IL-IGL-215A-24P	8.35" x 3.7"	8.09" x 3.54"
IL-IGL-215A-36P	8.35" x 9.4"	9.25" x 3.54"



B. CONNECTION

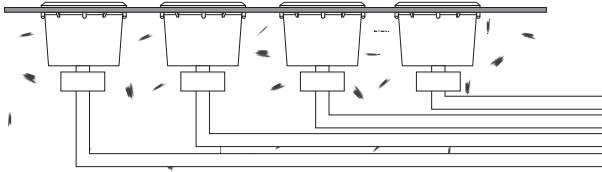


WARNING

- Do NOT plug system in before ALL wiring is complete and each connection has been inspected for water seal. Make sure a safety protection switch is installed in the main power box.
- METAL HOUSING: Assure proper ground connection to avoid electric shock.

B1) 1T1 - ONE CABLE ONE FIXTURE

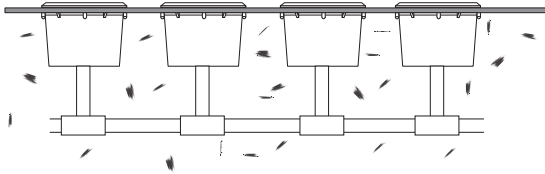
One Power connector per fixture



B2) T - SHAPED

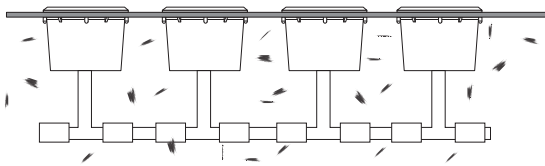
T-shaped connection to each fixture

- * Make sure there is enough space for t-shaped connection inground
- * Maximum loading quantity and length of the cable MUST BE carefully calculated to suit power of the fixture and cable specification



B3) I/O - INPUT AND OUTPUT FROM EACH FIXTURE

One Power input and one power output from each fixture



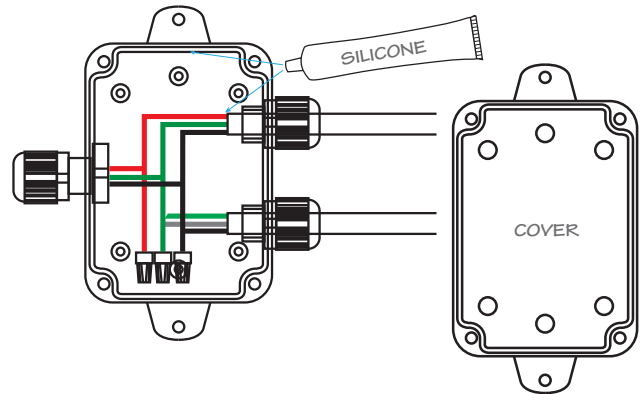
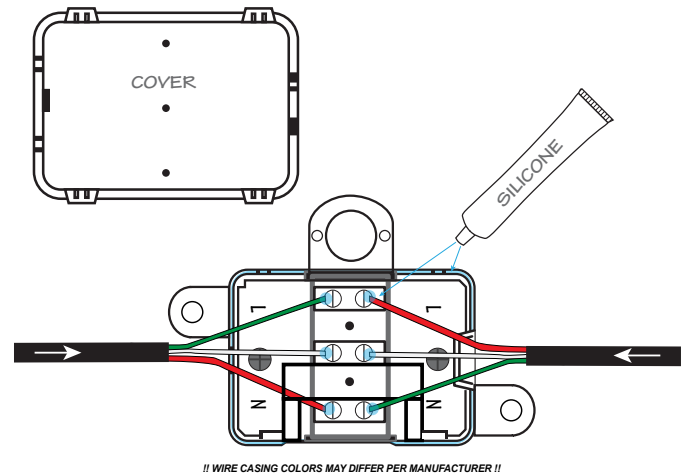
CAUTIONS

- Do NOT use this product indoors or a closed environment.
- If product appears damaged do not attempt to repair, contact dealer.
- Failing to follow proper connections and seal instructions will lead to product failure.
- Do not use acid based or harsh chemical products to clean as they will damage surface and seal and rust problems that manufacturer will not be responsible for.

CHOOSE CORRECT IP68 JUNCTION & CONNECTION TERMINALS ACCORDING TO FIXTURE CHARACTERS

CONNECTION OPTIONS:

Naked Wire: Use commercial grade waterproof junction box to connect embedded cable to fixture input cable. *(It is recommended to glue connection points)*



Barrel Connectors:

IP68 connectors strongly recommended. Make sure a connectors are screwed tightly to assure watertight seal is achieved tight screw of connectors.

