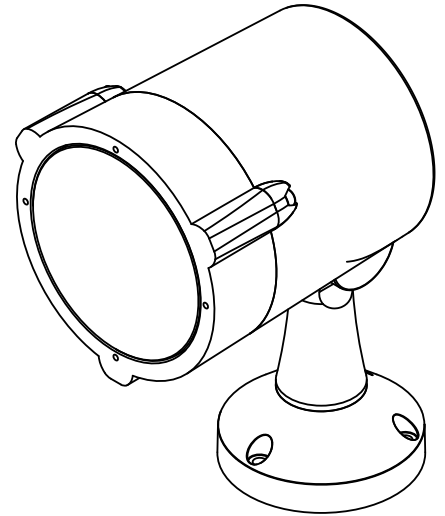# Targetti

NANO PYROS Compact
Compact flood light for high intensity LED

Concept: Professional adjustable LED projector flood light.

Housing: Anodized and painted die cast aluminum body and joints.

Materials: Extra clear tempered safety glass, 20 joule shock resistant.

Optic: COB LED. Available in Spot 13° or Flood 32°. Highly reflective metallic hybrid optic (reflective-refractive) system with anodized aluminum reflector and lens system in optical glass with PMMA (spot) or optical glass (flood) lens and holographic filter.

Mounting: Optical housing 180° adjustable on the vertical plane with aim locking system. Joined mounting bracket allowing for 359° adjustment of the fixture on the horizontal plane.

Installation: Pre-cabled with 10' SJOOW 18-3 cable

Finish: Available in Ferrite Grey or Bronze

Driver: Integrated Driver housed in fixture as non-dimmable, 0-10V dimmable, or phase dimmable.

Wattage: 23W
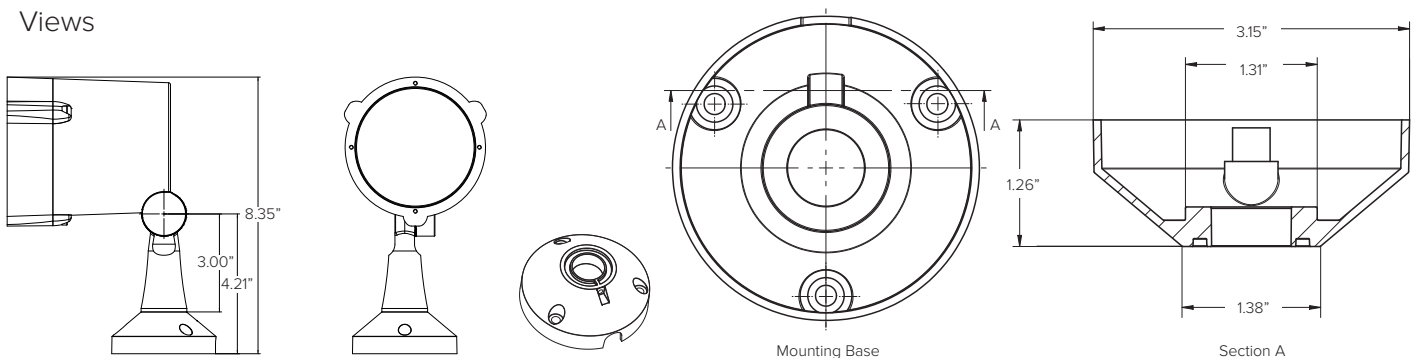
Color Temperature: 3000°K / 4000°K

Delivered Lumens:	**3000°K**	**4000°K:**
Spot 13° =	1289Lm	1333Lm
Flood 32° =	1207Lm	1248Lm

Lumen Maintenance (L70): 50,000hrs

Calculation for LED fixtures are based on measurements that comply with with IES LM-80.

CRI: 84

Voltage: 120-277V AC 50/60Hz, tree mounting provided in 120V only.

IP Rating: IP67

Certifications: cULus listed Wet Location IP67 Tested as IP68 Tested in accordance with LM-79-08

A Title 24 commercial installation compliant.

Warranty: 5 year limited warranty

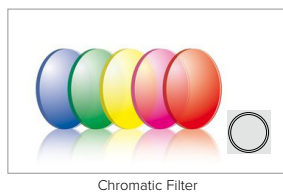| PRODUCT CODE	TYPE	DRIVER	FINISH	OUTPUT	OPTICS	COLOR TEMP
NP — Nano Pyros	**CD** — Compact Driver	**10** — 0-10V Dimmable	**FE** — Ferrite Grey	**L1** — 23W	**SP** — Spot 13°	**30** — 3000K
		PH — Phase Dimmable	**BZ** — Bronze		**FL** — Flood 32°	**40** — 4000K

Views

Mounting Base

Section A

TARGETTI

NANO PYROS Compact

OPTICAL ACCESSORIES	
Maximum of one Filter Optical Accessory + Asymmetric Screen or Barn Door. Hex louver can be used in addition with other accessories as it is housed inside fixture.	
1E2849	Chromatic filters red. Complete with ring Ferrite Grey finish. Diameter 4.22".
1E2850	Chromatic filters green. Complete with ring Ferrite Grey finish. Diameter 4.22".
1E2851	Chromatic filters blue. Complete with ring Ferrite Grey finish. Diameter 4.22".
1E2852	Chromatic filters yellow. Complete with ring Ferrite Grey finish. Diameter 4.22".
1E2853	"Blade of light" effect refractive filter. The special linear incisions modify the light beam, enlarging it in a perpendicular direction to the incisions. With very narrow beams it is possible to obtain precise "blades" of light. Complete with ring Ferrite Grey finish. Diameter 4.22".
1E2854	"Soft beam" effect refractive filter. The special linear incisions reduce the variance between the primary and secondary light beam, making it more uniform. Complete with ring in Ferrite Grey finish. Diameter 4.22".
1E2766	Anti-glare louver. Black painted metal honeycomb structure. Designed to be housed inside the fixture.
1E2855	Adjustable stainless steel asymmetric screen, 8 positions, with 2 mounting screws. Permits the shielding of the light beam with wide beam optics. Ferrite Grey Finish.
1E2856	Stainless steel barn door with fixed flaps, 4 positions adjustment, with 2 mounting screws. Ferrite Grey Finish.

Asymmetric Screen

Chromatic Filter

Chromatic Filter

1E2853

1E2854

1E2766

3.74"

4.17"

1E2855

2.64"

7.87"

4.57"

1E2856
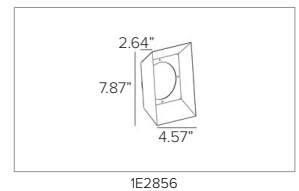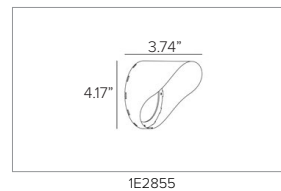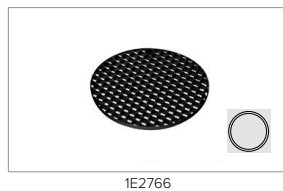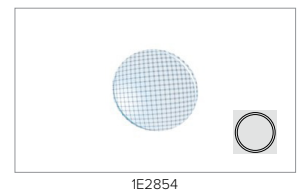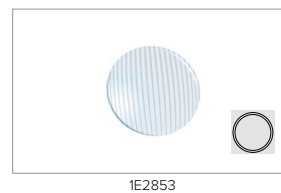
INSTALLATION ACCESSORIES	
1DU2845	Short earth spike Ferrite Grey finish, Ground Install. Dimensions 7.87"H.
1DU2846	Long earth spike, Ferrite Grey finish, Ground Install. Dimensions 31.5"H.
1DU2847	Short peg with base for surface mounting, Ferrite Grey finish. Dimensions 9.13"H.
1DU2848	Long peg with base for surface mounting, Ferrite Grey finish. Dimensions 32.76".

31.5"

7.87"

Earth Spike

32.76"

9.13"

Peg Mount
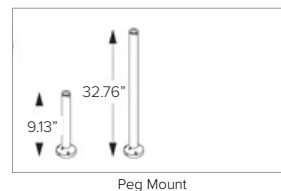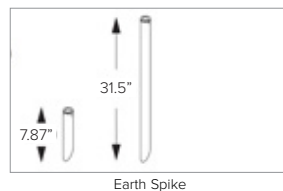
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NANO PYROS Compact

Tree Mounting Accessories

TREE STRAP (REQUIRED) - CHOOSE 1	
Durable 1.5 inch wide Nylon webbing Strap is flexible with High Strength Aircraft Aluminum V-ring Buckle in Gunmetal finish and lock in loop to prevent slipping. The strap is made to coordinate with up to 4 fixtures and 1 wiring connection box.	
TTS0106	Two tree straps for trees 39" in circumference or smaller. Olive Green nylon strap with Gunmetal cinch buckle.
TTS0104	Two tree straps for trees 39" in circumference or smaller. Coyote Brown nylon strap with Gunmetal cinch buckle.
TTS0105	Two tree straps for trees 39" in circumference or smaller. Graphite Grey nylon strap with Gunmetal cinch buckle.

INSTALLATION STRAP (OPTIONAL)	
Durable 1.5 inch wide Nylon webbing Strap is flexible with Metal Cinch Buckle and lock in loop to prevent slipping. The installation strap comes with 4 each 12 inch Rubber Loops used to hold up to 4 fixtures in place while positioning and tightening the Tree Strap in position during Installation or Maintenance and then removed for operation. *For use with 2 or more fixtures.*	
TTIS0101	Installation strap flexible nylon webbing strap with metal cinch buckle and lock in loop. Includes 4 each 12" rubber loops to hold up to 4 fixtures in place while positioning.

FIXTURE BRACKETS (REQUIRED) - CHOOSE 1	
Buckle style Brackets for securing onto Tree Straps.	
TTNR0101E2	Ferrite Grey finish fixture bracket remote tree bracket.
TTNR0102E2	Bronze finish fixture bracket remote tree bracket.

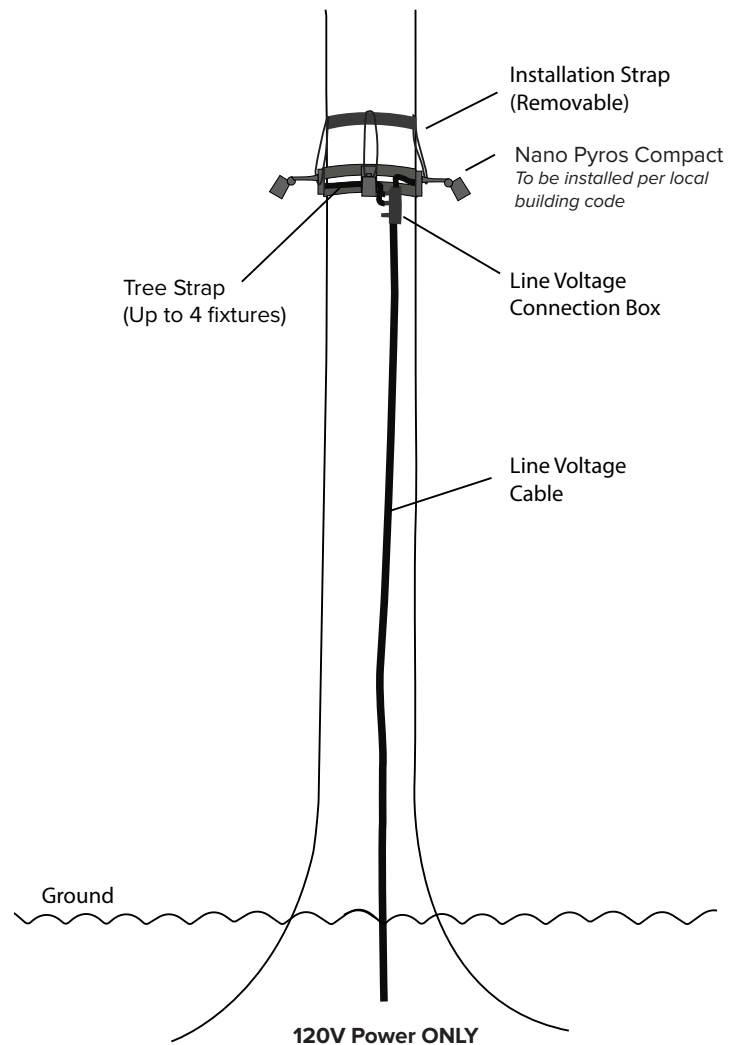| TREE STRAP LINE VOLTAGE CONNECTION BOX (REQUIRED) - CHOOSE 1	
Tree strap junction boxes are used to split the line voltage power to either 1, 2, 3 or 4 separate integral driver fixtures. **Required for line voltage applications**	
TTJB0103	Tree Strap Connection Box. Grey ABS plastic with internal terminal block for wire connections and 3 each ½" knockouts for connections to 1 or 2 fixtures. Dimensions: 3¼" x 2½" x 1¾".
TTJB0104	Tree Strap Connection Box. Grey ABS plastic with internal terminal block for wire connections and 4 each ½" knockouts for connections to 2 or 3 fixtures. Dimensions: 4½" x 2½" x 1¾".
TTJB0105	Tree Strap Connection Box. Grey ABS plastic with internal terminal block for line voltage wire connections and 5 each ½" knockouts for connections to 3 or 4 fixtures. Dimensions: 6¼" x 3" x 2⅛".

MESH WIRE PROTECTION COVER (OPTIONAL)	
Polypropylene webbing is great for outdoor applications. A braided polyethylene terepthalate (PET) monofilament yarn resistant to chemical degradation, UV radiation, and abrasion.	
TTSJS01	Carbon Grey 3/8" SJO Cord Sleeve (Sold per foot)
TTSJS02	Brown 3/8" SJO Cord Sleeve (Sold per foot)
TTSJS03	Forest Green 3/8" SJO Cord Sleeve (Sold per foot)

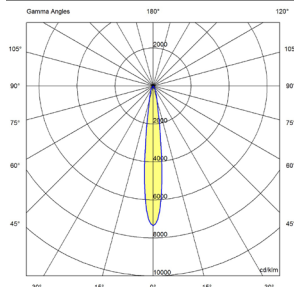Tree Strap with Fixture Bracket

Wiring Configuration

Installation Strap (Removable)

Nano Pyros Compact
To be installed per local building code

Tree Strap (Up to 4 fixtures)

Line Voltage Connection Box

Line Voltage Cable

Ground

120V Power ONLY

Adjust the strap every 6 months in order to prevent tree damage.

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NANO PYROS Compact

Photometry

Spot		
Fixture Power	23W	
Fixture Output	1289Lm	1333Lm
Kelvin Temp	3000ºK	4000ºK
Beam Spread	SP 13º	SP 13º
IMax	6793cd/klm	6793cd/klm
Efficacy	56 Lm/W	58 Lm/W

Polar Graph

Flood		
Fixture Power	23W	
Fixture Output	1207Lm	1248Lm
Kelvin Temp	3000ºK	4000ºK
Beam Spread	FL 32º	FL 32º
IMax	1642cd/klm	1642cd/klm
Efficacy	53 Lm/W	54 Lm/W

Polar Graph