

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. ^AConsult factory for use in marine grade environments.

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 25' SJOOW 18-5 cable.

Finish: Textured Standard Finishes – Ferrite Grey / Heritage Brown / Bronze RAL 8019 / White Textured / Black Textured / Sandstone Grey

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

Wattage: 23W

Color Temperature: 3000K / 4000K

CRI: 84Ra

Delivered Lumens: 3000K 4000K

Spot 13° = 1768Lm 1816Lm

Flood 32° = 1656Lm 1700Lm

Lumen Maintenance (L70): 50,000hrs

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

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

Energy efficient for California installations.

Warranty: 5 year limited warranty

^AConsult factory for use in marine grade environments. Not to be in direct contact with salt for extended periods of time or used with corrosive agents.



Shown in Bronze Finish

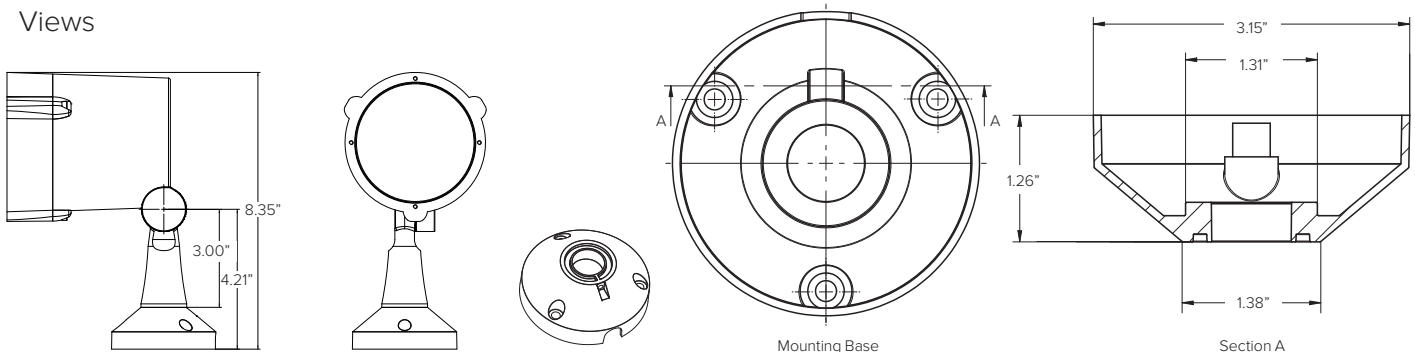


Shown with Hybrid Spot Optic and Bronze Finish



PRODUCT CODE	TYPE	DRIVER	FINISH	OUTPUT	OPTICS	COLOR TEMP	POLE MOUNTING OPTION
NP – Nano Pyros	C – Compact	41 – 4/1 Smart Dimming (Non-Dimming / 0-10V / Reverse Phase / Forward Phase)	FE – Ferrite Grey HB – Heritage Brown BZ – Bronze RAL8019 WT – White Textured BT – Black Textured SG – Sandstone Grey	L1 – 23W	SP – Spot 13° FL – Flood 32°	30 – 3000K 40 – 4000K	PM – Pole Mount ² 25ft lead wire included to be used with pole mounting option.

Views



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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.

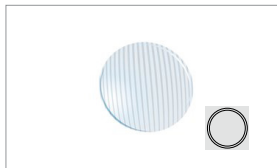
FILTER OPTICAL ACCESSORIES – CHOOSE ONE:						
1E2766	Anti-glare louver. Black painted metal honeycomb structure. Designed to be housed inside the fixture.					
● Ferrite	● Heritage Brown	● Bronze RAL 8019	● White Textured	● Black Textured	● Sandstone Grey	Description
1E2849	1E2849HB	1E2849BZ	1E2849WT	1E2849BT	1E2849SG	Chromatic filters red. Complete with finished ring. Diameter 4.22".
1E2850	1E2850HB	1E2850BZ	1E2850WT	1E2850BT	1E2850SG	Chromatic filters green. Complete with finished ring. Diameter 4.22".
1E2851	1E2851HB	1E2851BZ	1E2851WT	1E2851BT	1E2851SG	Chromatic filters blue. Complete with finished ring. Diameter 4.22".
1E2852	1E2852HB	1E2852BZ	1E2852WT	1E2852BT	1E2852SG	Chromatic filters yellow. Complete with finished ring. Diameter 4.22".
1E2853	1E2853HB	1E2853BZ	1E2853WT	1E2853BT	1E2853SG	"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 finished ring. Diameter 4.22".
1E2854	1E2854HB	1E2854BZ	1E2854WT	1E2854BT	1E2854SG	"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 finished ring. Diameter 4.22".



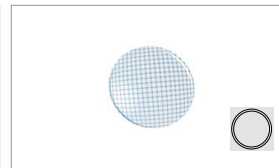
1E2766



Chromatic Filter

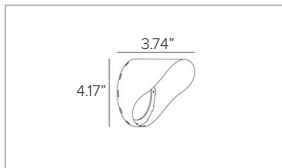


1E2853

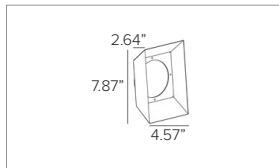


1E2854

EXTERNAL OPTICAL ACCESSORIES:						
● Ferrite	● Heritage Brown	● Bronze RAL 8019	● White Textured	● Black Textured	● Sandstone Grey	Description
1E2855	1E2855HB	1E2855BZ	1E2855WT	1E2855BT	1E2855SG	Adjustable stainless steel asymmetric screen, 8 positions, with 2 mounting screws. Permits the shielding of the light beam with wide beam optics.
1E2856	1E2856HB	1E2856BZ	1E2856WT	1E2856BT	1E2856SG	Stainless steel barn door with fixed flaps, 4 positions adjustment, with 2 mounting screws.



1E2855









1E2856

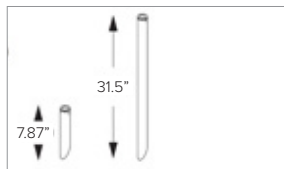


Asymmetric Screen Chromatic Filter

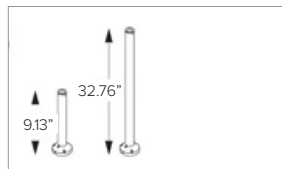
Installation Accessories

Maximum of one installation accessories per fixture.

INSTALLATION ACCESSORIES:						
 Ferrite	 Heritage Brown	 Bronze RAL 8019	 White Textured	 Black Textured	 Sandstone Grey	Description
1E2845	1E2845HB	1E2845BZ	1E2845WT	1E2845BT	1E2845SG	Short earth spike, Ground Install. Dimensions 7.87"H.
1E2846	1E2846HB	1E2846BZ	1E2846WT	1E2846BT	1E2846SG	Long earth spike, Ground Install. Dimensions 31.5"H.
1E2847	1E2847HB	1E2847BZ	1E2847WT	1E2847BT	1E2847SG	Short peg with base for surface mounting. Dimensions 9.13"H.
1E2848	1E2848HB	1E2848BZ	1E2848WT	1E2848BT	1E2848SG	Long peg with base for surface mounting. Dimensions 32.76"H.



Earth Spike



Peg Mount

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.



Tree Strap with Fixture Bracket

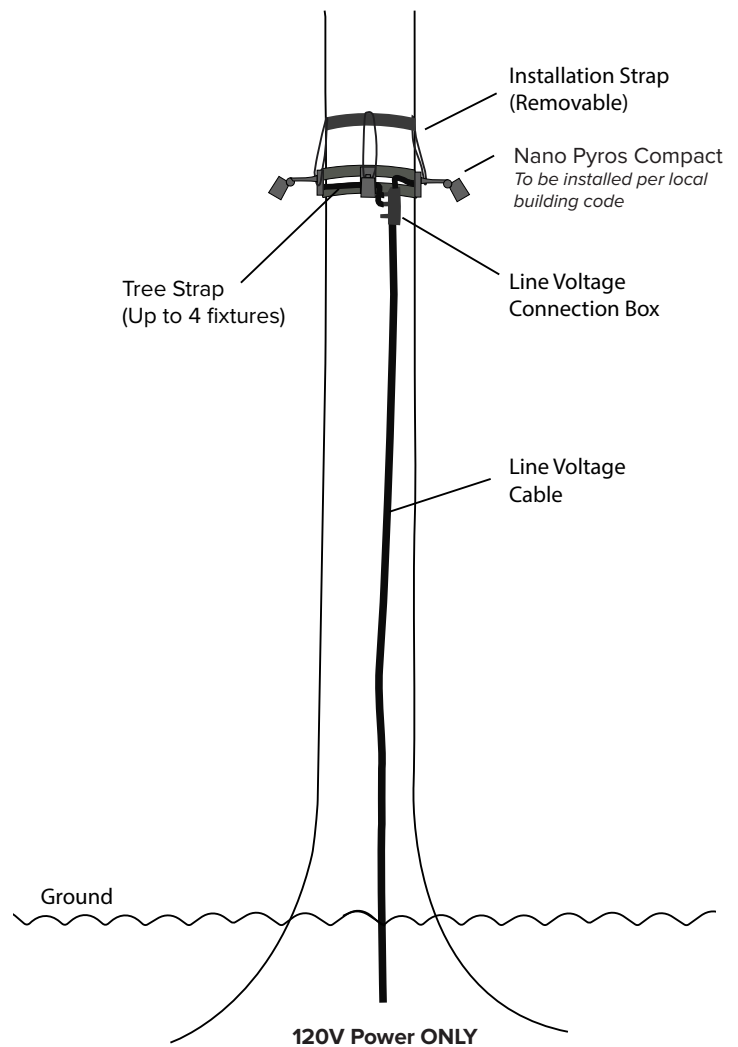
FIXTURE BRACKETS (REQUIRED) - CHOOSE 1	
Buckle style Brackets for securing onto Tree Straps.	
TTNR0101E2	Ferrite Grey finish fixture bracket remote tree bracket.
TTNR0102E2	Bronze finish fixture bracket remote tree bracket.

WIRING CONNECTION BOX (OPTIONAL)		
Tree strap connection boxes are used to connect multiple line voltage cables for one continuous cable connection down the tree, additional cable provided by others.		
		Description
TTCB0104FG	TTCB0104BZ	Tree Strap Connection Box 13in ³ . Painted aluminum UL listed j-box with 5 each 3/8" cable glands and 1 each 1/2" cable gland. For connections to 1 to 4 fixtures. Mounting bracket to tree strap included. Dimensions: 6" x 2-1/2" x 1-3/8".

MESH WIRE PROTECTION COVER (OPTIONAL)	
Polypropylene webbing is great for outdoor applications. A braided polyethylene terephthalate (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)

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.

Wiring Configuration



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

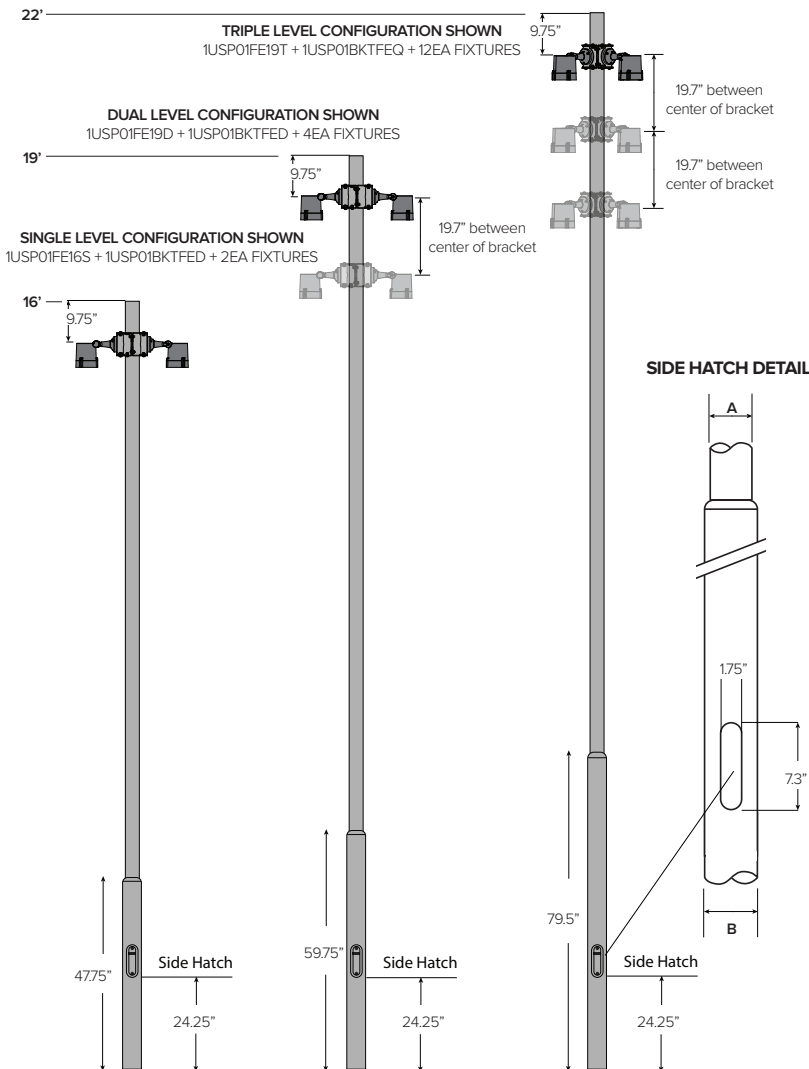
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Event Pole Mounting

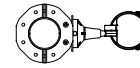
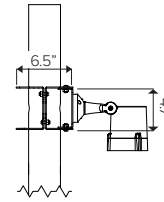
EVENT POLES (REQUIRED – CHOOSE ONE):			
SINGLE LEVEL	DUAL LEVEL	TRIPLE LEVEL	
1USP01FE16S	–	–	16ft Round Steel pole. Hot-galvanized EN ISO 1461. Integral hatch door for utility power. Powder coated Ferrite Grey finish. Maximum of 1 bracket (4 fixtures).
1USP01FE19S	1USP01FE19D	–	19ft round steel pole. Hot-galvanized EN ISO 1461. Integral hatch door for utility power. Powder coated Ferrite Grey finish. Maximum of 2 brackets (8 fixtures max).
1USP01FE22S	1USP01FE22D	1USP01FE22T	22ft round steel pole. Hot-galvanized EN ISO 1461. Integral hatch door for utility power. Powder coated Ferrite Grey finish. Maximum of 3 brackets (12 fixtures max).
POLE MOUNTING BRACKETS (REQUIRED – CHOOSE ONE):			
1USP01BKTFES	Pole mounting fixture bracket for use with up to 1 fixture max.		
1USP01BKTFED	Pole mounting fixture bracket for use with up to 2 fixtures max.		
1USP01BKTFET	Pole mounting fixture bracket for use with up to 3 fixtures max.		
1USP01BKTFEQ	Pole mounting fixture bracket for use with up to 4 fixtures max.		

Materials: Steel pole. Hot-galvanized EN ISO 1461. Integral hatch door for utility power.
Foundation: (16/19) 39.4" x 39.4" x 39.4"H / (22) 47.2" x 47.2" x 47.2"H
Anchor Bolts: (4) 3/4" bolts, L = 24" (included)
Finish: Powder coated Ferrite Grey finish.
Horizontal Displacement: (16') CL1 / (19') CL2 / (22') CL3
Pole Diameter: (A) Ø3.5" (B) Ø4.5"
Pole Thickness: (A) 0.12" (B) 0.12"
MPH: 140mph
EPA: (16') 1.032 sqft (4 fixtures max) / (19') 2.064 sqft (8 fixtures max) / (22') 3.096 sqft (12 fixtures max) / (Individual fixture) 0.258 sqft



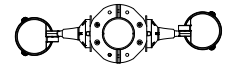
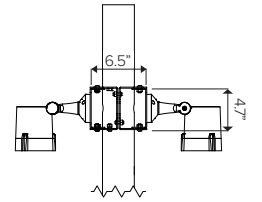
1 FIXTURE MOUNTING

1USP01BKTFES



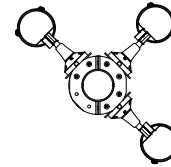
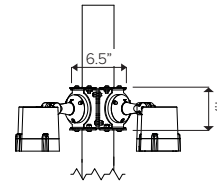
2 FIXTURE MOUNTING

1USP01BKTFED



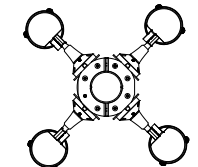
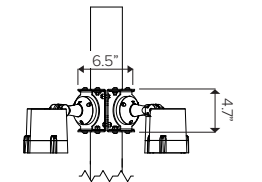
3 FIXTURE MOUNTING

1USP01BKTFET

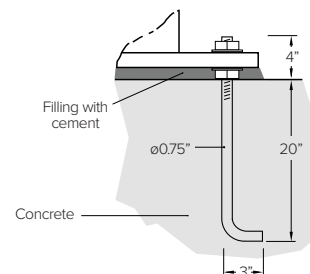


4 FIXTURE MOUNTING

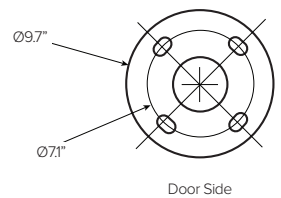
1USP01BKTFEQ



ANCHOR BOLTS DETAIL



POLE BASE DETAIL



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Photometry

SPOT

3000K		H(m)	D(m)	E _{max} (lx)	
Ra84			13°		
Fixture Power	24W	1	0.23	25082	
Source Flux	2954lm	2	0.46	6271	
Fixture Flux	1768lm	3	0.69	2787	
Efficacy	73lm/W	4	0.92	1568	
TS649	I _{max} =8491cd/klm	I _{max}	25082cd	5	1.14
					1003

4000K		H(m)	D(m)	E _{max} (lx)	
Ra84			13°		
Fixture Power	24W	1	0.23	25761	
Source Flux	3034lm	2	0.46	6440	
Fixture Flux	1816lm	3	0.69	2862	
Efficacy	75lm/W	4	0.92	1610	
TS649	I _{max} =8491cd/klm	I _{max}	25761cd	5	1.14
					1030

FLOOD

3000K		H(m)	D(m)	E _{max} (lx)	
Ra84			32°		
Fixture Power	24W	1	0.58	6061	
Source Flux	2954lm	2	1.17	1515	
Fixture Flux	1656lm	3	1.75	673	
Efficacy	69lm/W	4	2.33	379	
TS650	I _{max} =2052cd/klm	I _{max}	6061cd	5	2.91
					242

4000K		H(m)	D(m)	E _{max} (lx)	
Ra84			32°		
Fixture Power	24W	1	0.58	6225	
Source Flux	3034lm	2	1.17	1556	
Fixture Flux	1700lm	3	1.75	692	
Efficacy	71lm/W	4	2.33	389	
TS650	I _{max} =2052cd/klm	I _{max}	6225cd	5	2.91
					249