

NANO PYROS Compact

Compact flood light for high intensity LED

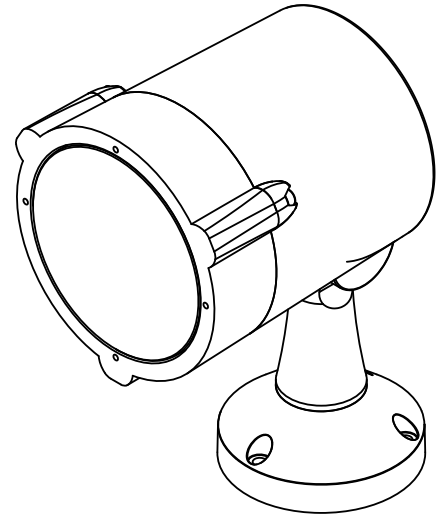
Concept: Professional adjustable LED projector flood light.
Housing: Anodized and painted die cast aluminum body and joints.
Materials: Extra clear tempered safety glass, 20 joule shock resistant.
Optic: COB LED. Available in Spot 13° or Flood 32°. Highly reflective metallic hybrid optic (reflective-refractive) 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

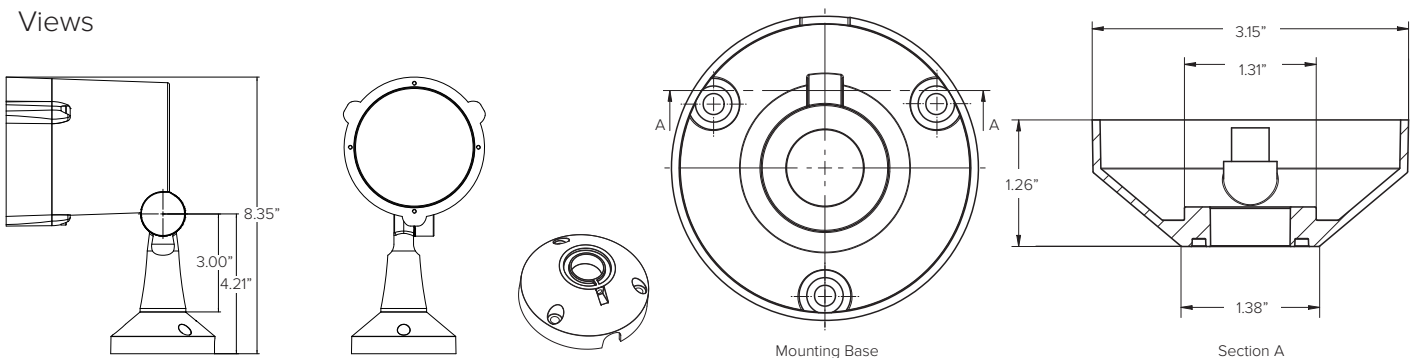
Lumen Maintenance (L70): 50,000hrs
Calculation for LED fixtures are based on measurements that comply with IES LM-80.

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
 ^ 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

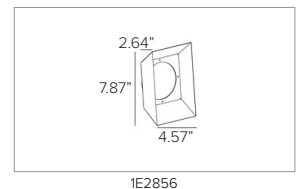
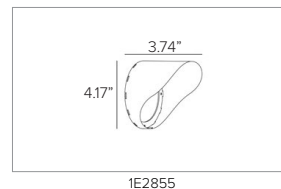
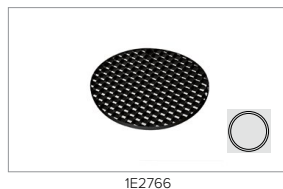
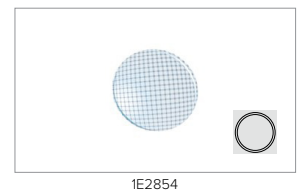
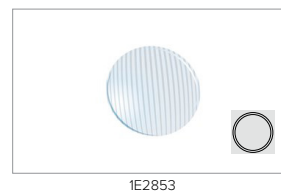
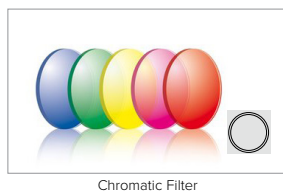
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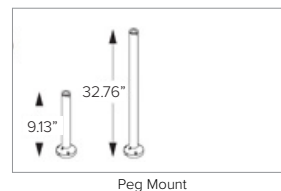
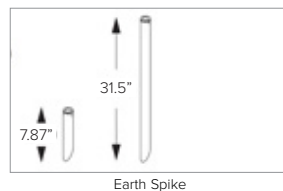
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OPTICAL ACCESSORIES	
Maximum of one Filter Optical Accessory + Asymmetric Screen or Barn Door. Hex louver can be used in addition with other accessories as it is housed inside fixture.	
1E2849	Chromatic filters red. Complete with ring Ferrite Grey 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.



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"H.



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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.
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FIXTURE BRACKETS (REQUIRED) - CHOOSE 1

Buckle style Brackets for securing onto Tree Straps.

TTNR0101	Ferrite Grey finish fixture bracket remote tree bracket.
TTNR0102	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 1/2" knockouts for connections to 1 or 2 fixtures. Dimensions: 3 1/4" x 2 1/2" x 1 1/4".
TTJB0104	Tree Strap Connection Box. Grey ABS plastic with internal terminal block for wire connections and 4 each 1/2" knockouts for connections to 2 or 3 fixtures. Dimensions: 4 1/2" x 2 1/2" x 1 1/4".
TTJB0105	Tree Strap Connection Box. Grey ABS plastic with internal terminal block for line voltage wire connections and 5 each 1/2" knockouts for connections to 3 or 4 fixtures. Dimensions: 6 1/4" x 3" x 2 1/8".

MESH WIRE PROTECTION COVER (OPTIONAL)

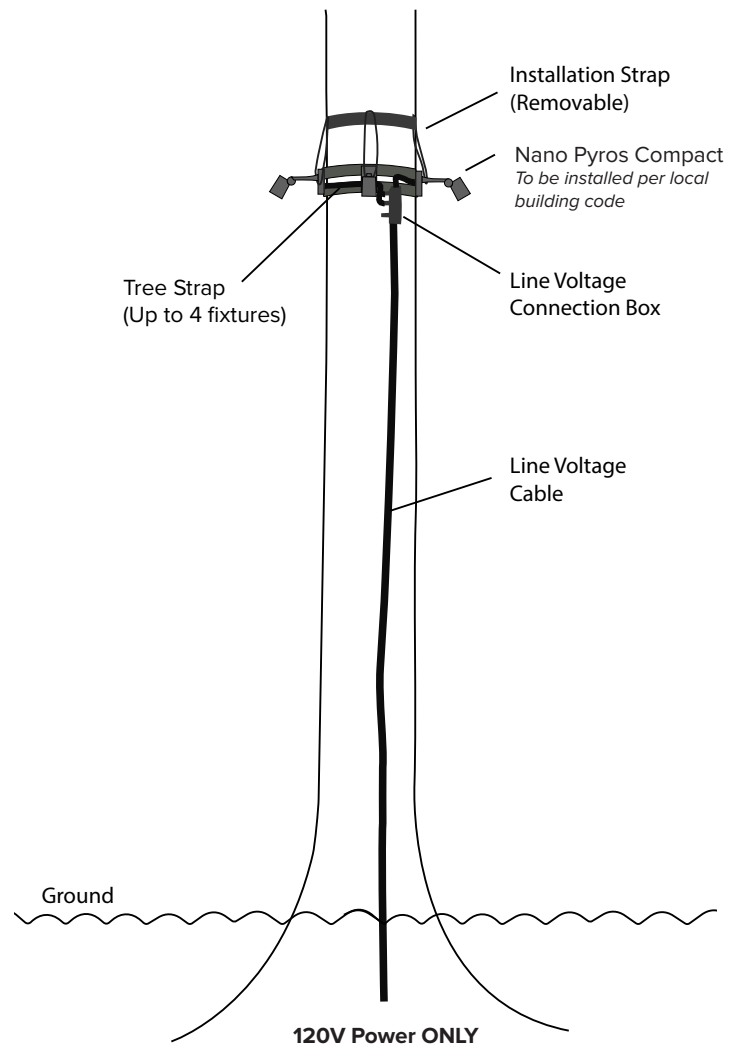
Polypropylene webbing is great for outdoor applications. A braided polyethylene terephthalate (PET) monofilament yarn resistant to chemical degradation, UV radiation, and abrasion.

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)



Tree Strap with Fixture Bracket

Wiring Configuration



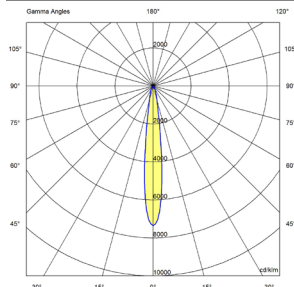
Adjust the strap every 6 months in order to prevent tree damage.

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Photometry

SPOT		POLAR GRAPH	
Fixture Power	23W		
Fixture Output	1289Lm	1333Lm	
Kelvin Temp	3000°K	4000°K	
Beam Spread	SP 13°	SP 13°	
I _{Max}	6793cd/klm	6793cd/klm	
Efficacy	56 Lm/W	58 Lm/W	



FLOOD		POLAR GRAPH	
Fixture Power	23W		
Fixture Output	1207Lm	1248Lm	
Kelvin Temp	3000°K	4000°K	
Beam Spread	FL 32°	FL 32°	
I _{Max}	1642cd/klm	1642cd/klm	
Efficacy	53 Lm/W	54 Lm/W	

