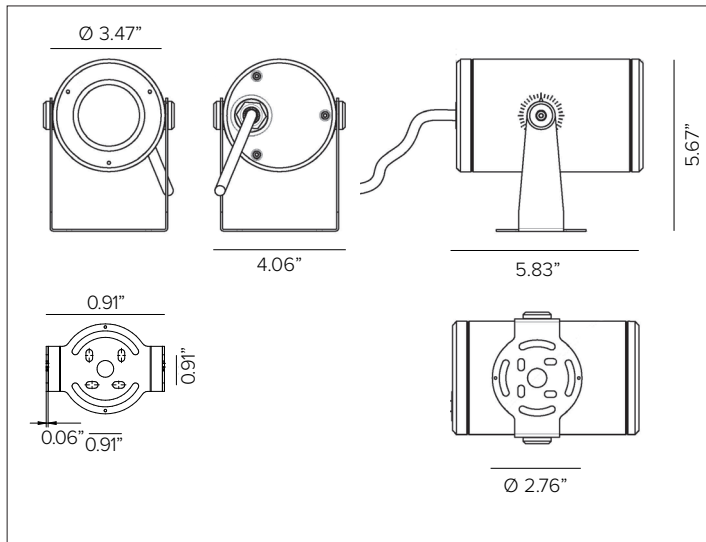


DART ROUND SMALL

Compact Adjustable Professional Floodlight



DART ROUND SMALL INTEGRAL shown in Ferrite Dark Grey finish.



CONCEPT

Small footprint fully adjustable LED projector.

MECHANICAL CHARACTERISTICS

Dimensions	5.67"H x 4.06"W x 5.83"D
Materials	Die-cast aluminum powder coated body and joints for maximum heat dissipation.
Finish	Textured finish. ● Ferrite Dark Grey ● Heritage Brown ● Bronze ● Black ● White ● Sandstone Grey
Power Connection	Provided with 10ft SJ00W 16-6 cable.
Functionality	Adjustable up to ±60° on the horizontal plane with slotted mounting base and +90°/-45° on the vertical plane with aim locking set screw.
Mounting	Fixture can be installed directly to mounting surface or used with optional mounting installation accessories.
Weight	3.5lbs
Protection	IP66
Impact	IK10

CERTIFICATIONS

cULus Wet Location Listed E488257.
 Tested in accordance with LM-79-08.
 Compliant with California energy regulations.
 IEC 62471.
 RoHS3 EU 215/863

WARRANTY

5 year limited warranty

SUSTAINABILITY

Luminaire designed for disposal/recycling at end-of-life. Replaceable LED light source and control gear by a Targetti technician.

ELECTRICAL CHARACTERISTICS

Power Supply	Integrated 4/1 smart driver (Non-Dimmable / 0-10V / Reverse Phase / Forward Phase).
Wattage	4W (NSP) / 15W nominal (SP / FL / MWFL)
Voltage	Universal Voltage 120-277V AC 50/60Hz
Ambient Temp.	-25°C / +35°C (95°F)

SOURCE

NSP uses high efficiency LED Emitter. SP, FL, and MWFL use high efficiency LED Chip on Board with optimized melanopic ratios.

TM30	CCT (Nominal)	CRI	Rf	Rg	MR	SDCM
	2700K	81	80	97	2	2
	3000K	82	82	97	2	2
	3500K	82	81	97	2	2
	4000K	82	81	97	2	2
	5000K	84	81	97	2	2

Ra90 available upon request

OPTIC

Optical system is dependent on beam angle. NSP / SP / FL versions comprised with methacrylate lenses. MWFL version comprised of precision optics with convex reflective anodized aluminum facets.

Beam	NSP 5°	SP 16°	FL 30°	MWFL 48°
Delivered Lumens	3000K 162Lm	1,212Lm	1,239Lm	1,477Lm
	4000K 175Lm	1,282Lm	1,249Lm	1,489Lm

For 2700K lumen values use multiplier of 0.96 from 3000K. For 3500K lumen values use multiplier of 1.01 from 3000K. For 5000K lumen values use multiplier of 1.01 from 4000K.

Efficacy	99Lm/W max. Refer to photometric graphs for specific values.
Lifetime	L96/B10 30,000hrs at max TA +25°C L93/B10 50,000hrs at max TA +25°C
Photobiological Classification	Low risk safety RG1

DART ROUND SMALL

SPECIFICATION INFORMATION



Ex: DRSRPFEL2SP30

1 - PRODUCT CODE	2 - DRIVER	3 - FINISH	4 - WATTAGE	5 - OPTIC	6 - KELVIN
DRS — DART ROUND SMALL	41 — 4/1 Smart Dimming (Non-Dimming / 0-10V / Reverse Phase / Forward Phase)	FE — Ferrite Dark Grey HB — Heritage Brown BZ — Bronze WT — White BT — Black SG — Sandstone Grey RAL — Custom RAL	L1^B — 4W L2^C — 15W	NS — NSP 5° SP — SP 16° FL — FL 30° MF — MWFL 48°	27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K 50 — 5000K
7 - OPTIONAL	8 - EXTERNAL OPTICAL ACCESSORIES	9 - INSTALLATION ACCESSORIES	10 - TREE INSTALLATION ACCESSORIES		
MG^A — Marine Grade	Blade of Light Linear Spread Lens See section for details Anti-glare Louver See section for details Asymmetric Snoot See section for details Symmetric Snoot See section for details Symmetric Super Snoot See section for details	Rotational Bracket See section for details Earth spike See section for details Back Plate See section for details	Tree Strap See section for details Fixture Bracket See section for details Connection Box See section for details Mesh Protective Wiring See section for details		

^AMarine Grade is recommended for use in environments with occasional exposure to salt air, reclaimed water, fertilizers, chemical cleaners, or frequent pressure washing (steam) cleaning. Fixture housing complete with marine grade cataphoresis suitable for use in marine grade environments. Not to be in direct contact with salt or corrosive agents for extended periods of time.

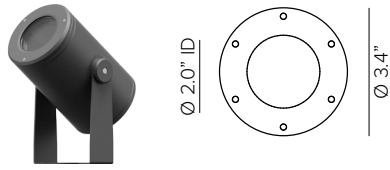
^B4W available with NSP only.

^C15W available with SP, FL, and MWFL only.

DART ROUND SMALL

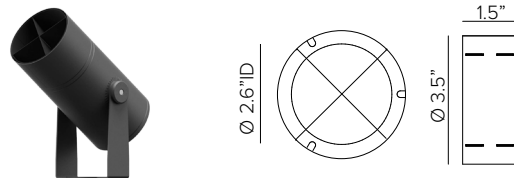
8 - EXTERNAL OPTICAL ACCESSORIES (OPTIONAL)

MAXIMUM OF TWO ACCESSORIES PER FIXTURE.



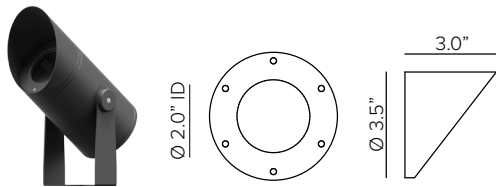
Blade Light Linear Spread Lens. PMMA holographic filter.

Part No. **1E4002 (*)**



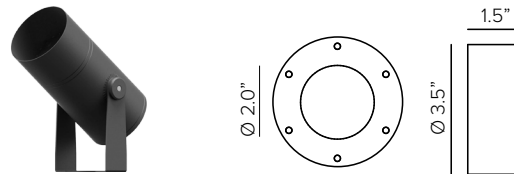
Anti glare louver with internal baffles for glare control. Powder coat stainless steel. Cutoff 103°. **Not compatible with 1E4003, 1E4004 or 1E4057.**

Part No. **1E4005 (*)**



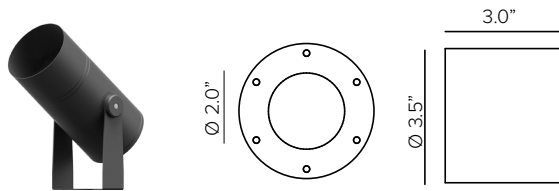
Asymmetric snoot. Powder coated stainless steel. Cutoff 53°. **Not compatible with 1E4004, 1E4005 or 1E4057.**

Part No. **1E4003 (*)**



Symmetric snoot. Powder coated stainless steel. Cutoff 109°. **Not compatible with 1E4003, 1E4005 or 1E4057.**

Part No. **1E4004 (*)**



Symmetric super snoot. Powder coated stainless steel. Cutoff 53°. **Not compatible with 1E4003, 1E4004 or 1E4005.**

Part No. **1E4057 (*)**

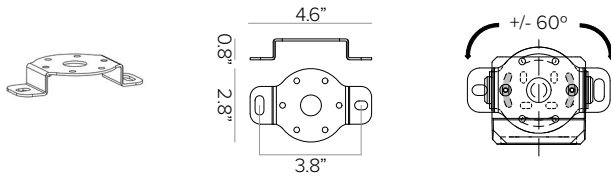
- Ferrite Dark Grey (Default)
- Heritage Brown (HB)*
- Bronze (BZ)*
- White (WT)*
- Black (BT)*
- Sandstone Grey (SG)*

***Add suffix to end of number to identify finish (EX. 1E3015HB)**

DART ROUND SMALL

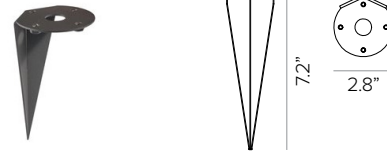
9 - INSTALLATION ACCESSORIES (OPTIONAL)

MAXIMUM OF ONE ACCESSORY PER FIXTURE



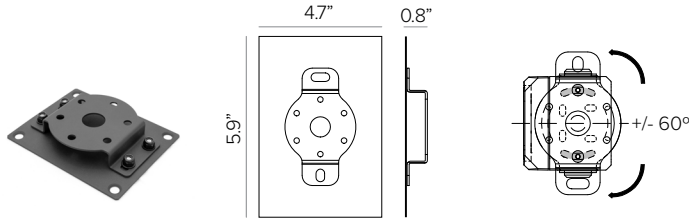
Rotational bracket for surface installation. Powder coated stainless steel.

Part No. **1E3015 (*)**



Earth spike. Powder coated stainless steel.

Part No. **1E3016 (*)**



Back plate with rotational bracket for surface mount installation. Powder coated stainless steel with Neoprene black foam. Included with 1E3015 and factory attached Stainless Steel black oxide bolts and locking nuts.

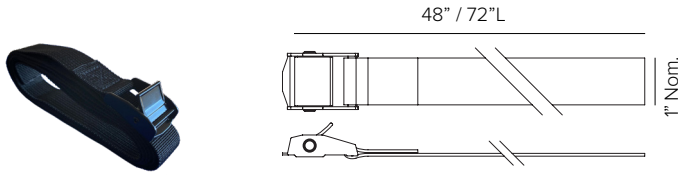
Part No. **1US3015 (*)**

- Ferrite Dark Grey (*Default*)
- Heritage Brown (**HB**)*
- Bronze (**BZ**)*
- White (**WT**)*
- Black (**BT**)*
- Sandstone Grey (**SG**)*

***Add suffix to end of number to identify finish (EX. 1E3015HB)**

DART ROUND SMALL

10 – TREE MOUNTING INSTALLATION (OPTIONAL)



Tree strap. Durable marine grade polypropylene webbing flexible strap with stainless steel cam buckle. **Maximum of 4ea fixture brackets per single strap. (REQUIRED FOR TREE MOUNTING)**

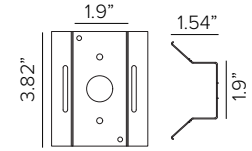
Finish ● Black ● Coyote Brown ● Silver Grey ● Graphite Grey

Length 48"

Part No. **TTS01S48BK** **TTS01S48BR** **TTS01S48SG** **TTS01S48GG**

Length 72"

Part No. **TTS01S72BK** **TTS01S72BR** **TTS01S72SG** **TTS01S72GG**



Fixture bracket comprised of powder coated stainless steel for use with tree strap. **Maximum of 4ea fixture brackets per single strap. (REQUIRED FOR TREE MOUNTING)**

Finish ● Black ● Bronze ● Sandstone Grey ● Ferrite Dark Grey

Part No. **TTB01SBK** **TTB01SBZ** **TTB01SSG** **TTB01SFG**



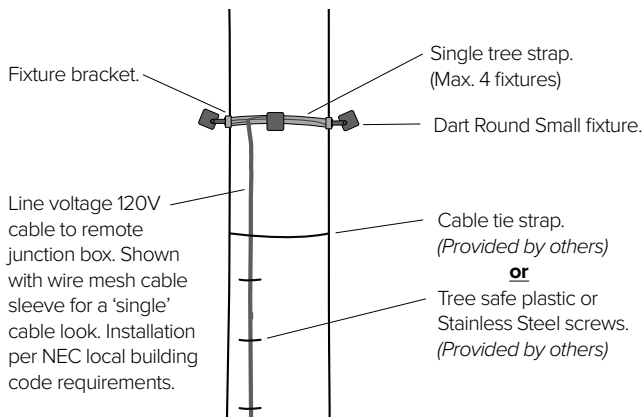
Mesh wire protection cable sleeve, available per foot. Comprised of braided polyethylene terephthalate (PET) mono-filament webbing resistant to chemical degradation, UV radiation, and abrasion. **To be used in installations where multiple cables can be combined into a 'single' cable look and/or to conceal the cable to match the finish of the surface. (OPTIONAL)**

Finish ● Black ● Coyote Brown ● Silver Grey ● Graphite Grey

Part No. **TTMW01BK** **TTMW01BR** **TTMW01SG** **TTMW01GG**

TREE WIRING CONFIGURATION

Note: Suggested to adjust the strap every 6 months in order to prevent tree damage.



DART ROUND SMALL

PHOTOMETRY

NARROW SPOT

	3000K	H(m)	D(m)	Emax(lx)		
	Ra80			5°		
	Fixture Power	4W	1	0.09	10538	
	Source Flux	230lm	2	0.18	2635	
	Fixture Flux	162lm	3	0.27	1171	
	Efficacy	44lm/W	4	0.36	659	
TS1657	Imax=45818cd/klm	Imax	10538cd	5	0.45	422

	4000K	H(m)	D(m)	Emax(lx)		
	Ra80			5°		
	Fixture Power	4W	1	0.09	11363	
	Source Flux	248lm	2	0.18	2841	
	Fixture Flux	175lm	3	0.27	1263	
	Efficacy	47lm/W	4	0.36	710	
TS1657	Imax=45818cd/klm	Imax	11363cd	5	0.45	455

SPOT

	3000K	H(m)	D(m)	Emax(lx)		
	Ra80			16°		
	Fixture Power	15W	1	0.28	12610	
	Source Flux	1742lm	2	0.56	3153	
	Fixture Flux	1212lm	3	0.84	1401	
	Efficacy	84lm/W	4	1.12	788	
TS1658	Imax=7239cd/klm	Imax	12610cd	5	1.39	504

	4000K	H(m)	D(m)	Emax(lx)		
	Ra80			16°		
	Fixture Power	15W	1	0.28	13334	
	Source Flux	1842lm	2	0.56	3334	
	Fixture Flux	1282lm	3	0.84	1482	
	Efficacy	88lm/W	4	1.12	833	
TS1658	Imax=7239cd/klm	Imax	13334cd	5	1.39	533

FLOOD

	3000K	H(m)	D(m)	Emax(lx)		
	Ra80			30°		
	Fixture Power	14W	1	0.53	4160	
	Source Flux	1929lm	2	1.06	1040	
	Fixture Flux	1239lm	3	1.59	462	
	Efficacy	92lm/W	4	2.12	260	
TS1659	Imax=2157cd/klm	Imax	4160cd	5	2.66	166

	4000K	H(m)	D(m)	Emax(lx)		
	Ra80			30°		
	Fixture Power	14W	1	0.53	4195	
	Source Flux	1945lm	2	1.06	1049	
	Fixture Flux	1249lm	3	1.59	466	
	Efficacy	93lm/W	4	2.12	262	
TS1659	Imax=2157cd/klm	Imax	4195cd	5	2.66	168

MEDIUM WIDE FLOOD

	3000K	H(m)	D(m)	Emax(lx)		
	Ra80			48°		
	Fixture Power	14W	1	0.89	2444	
	Source Flux	1937lm	2	1.77	611	
	Fixture Flux	1477lm	3	2.66	272	
	Efficacy	109lm/W	4	3.55	153	
TS1660	Imax=1299cd/klm	Imax	2516cd	5	4.44	98

	4000K	H(m)	D(m)	Emax(lx)		
	Ra80			48°		
	Fixture Power	14W	1	0.89	2463	
	Source Flux	1952lm	2	1.77	616	
	Fixture Flux	1489lm	3	2.66	274	
	Efficacy	110lm/W	4	3.55	154	
TS1660	Imax=1299cd/klm	Imax	2535cd	5	4.44	99