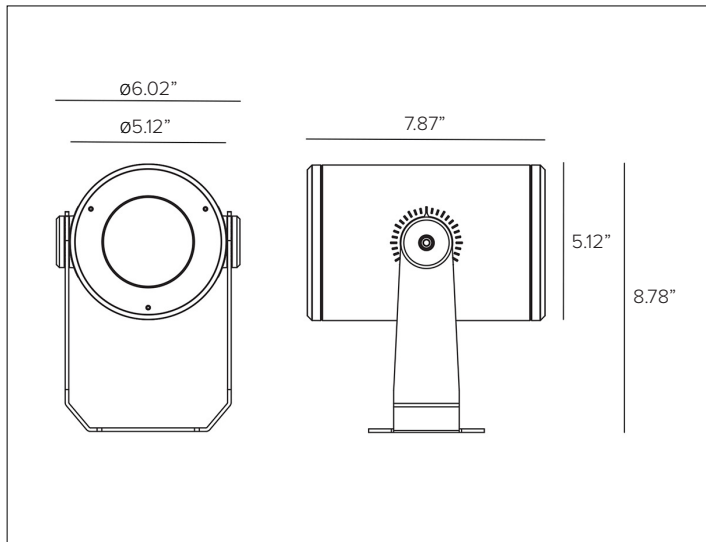


DART ROUND MEDIUM TW

Compact Professional Adjustable Floodlight



DART ROUND MEDIUM TW shown in Ferrite Dark Grey finish.



CONCEPT

Small footprint fully adjustable flood light projector with Tunable White LED's for dynamic control of the white light temperature.

MECHANICAL CHARACTERISTICS

Dimensions	8.78"H x 6.02"W x 7.87"D
Materials	Die-cast aluminum powder coated body and joints for maximum heat dissipation.
Finish	Textured finish. <ul style="list-style-type: none"> ● Ferrite Dark Grey ● Heritage Brown ● Bronze ● Black ● White ● Sandstone Grey
Power Connection	Cabled with (2ea) 6'L direct burial 18-3 line voltage and 20-3 DMX cables with IP68 quick disconnects. Lead cables available in 10ft / 25ft / 50ft lengths, see required options.
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	7.39lbs
Protection	IP66
Impact	IK10

CERTIFICATIONS

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

WARRANTY

5 year limited fixture warranty. 3 year limited field replaceable driver 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	Integral electronic DMX 512. 0% dim range. Refer to Targetti Onsite Services for additional programming and installation support.
Wattage	12W / 2Ch (Ch 1 – color / Ch 2 – intensity)
Voltage	700mA @ 10.5V DC per channel

SOURCE

3 high efficiency Tunable White LED's.

TM30	CCT (Nominal)	CRI	Rf	Rg	SDCM
	2700K – 5000K	80	83	97	2

OPTIC

Equipped with precision methacrylate lens and spread filter.

Beam	SP 14°	FL 29°	MW/FL 40°
Delivered Lumens	2700K 81Lm 3850K 963Lm 5000K 943Lm	2700K 815Lm 3850K 967Lm 5000K 948Lm	2700K 777Lm 3850K 922Lm 5000K 903Lm
Efficacy	81Lm/W max. Refer to photometric graphs for specific values.		
Lifetime	L80/B10 60,000hrs at max TA +25°C Driver life ratings are based on 70% of all channel full Intensity. Programming of lower or higher Intensity loads will affect life rating.		
Photobiological Classification	Low risk safety RG1		

DART ROUND MEDIUM TW

ORDERING CODE



1 - PRODUCT CODE	2 - DRIVER	3 - FINISH	4 - WATTAGE	5 - OPTIC	6 - KELVIN	7 - OPTIONAL
DRM — DART ROUND MEDIUM	DX — DMX	FE — Ferrite Dark Grey HB — Heritage Brown BZ — Bronze WT — White Textured BT — Black Textured SG — Sandstone Grey RAL — Custom RAL	L1 — 12W	SP — SP 14° FL — FL 29° MW — MWFL 40°	TW — Tunable White	MG^A — Marine Grade

8 - LEAD CABLE	9 - OPTICAL ACCESSORIES	10 - INSTALLATION ACCESSORIES
Lead Cable See section for details	Filter Holder Ring See section for details Blade Light Linear Spread Lens See section for details Anti-glare Louver See section for details Asymmetric Snoot See section for details	Rotational Bracket See section for details Earth spike See section for details Back Plate See section for details

^A Marine 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 cathaphoresis suitable for use in marine grade environments. Not to be in direct contact with salt or corrosive agents for extended periods of time.

DART ROUND MEDIUM TW

8 - LEAD CABLE (REQUIRED)

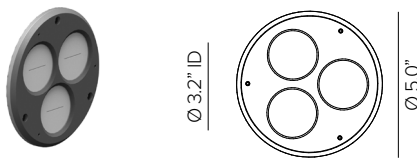


Lead cable kit. (2ea) direct burial 18-3 line voltage and 20-3 DMX cables with IP68 quick disconnects.

Length	10ft	25ft	50ft
Part No.	DRMDXLEAD10	DRMDXLEAD25	DRMDXLEAD50

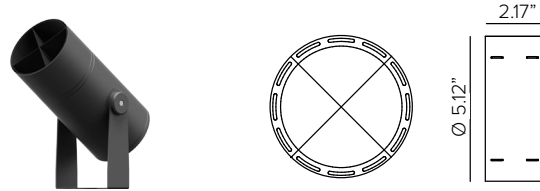
9 - EXTERNAL OPTICAL ACCESSORIES (OPTIONAL)

MAXIMUM OF TWO ACCESSORIES PER FIXTURE.



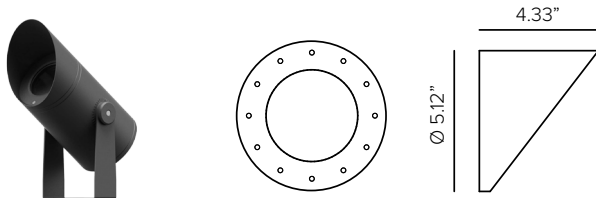
Blade Light Linear Spread Lens. PMMA holographic filter.

Part No. **1E4263 (*)**



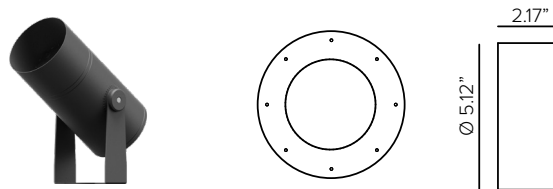
Anti glare louver with removable baffles for different levels of glare control. Powder coat stainless steel. Cutoff 114°. **Not compatible with 1E4007, 1E4008 or 1E4058.**

Part No. **1E4009 (*)**



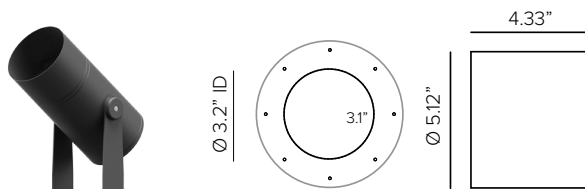
Asymmetric snoot. Powder coated stainless steel. Cutoff 52°. **Not compatible with 1E4009, 1E4008 or 1E4058.**

Part No. **1E4007 (*)**



Symmetric snoot. Powder coated stainless steel. Cutoff 102°. **Not compatible with 1E4007, 1E4009 or 1E4058.**

Part No. **1E4008 (*)**



Symmetric super snoot. Powder coated stainless steel. Cutoff 44°. **Not compatible with 1E4007, 1E4008 or 1E4009.**

Part No. **1E4058 (*)**

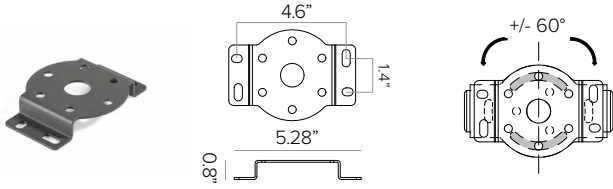
- Ferrite Dark Grey (Default)
- Heritage Brown (HB)*
- Bronze (BZ)*
- White (WT)*
- Black (BT)*
- Sandstone Grey (SG)*

*Add suffix to end of number to identify finish (EX. 1E4058HB)

DART ROUND MEDIUM TW

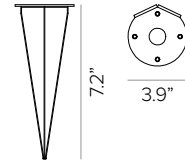
10 - INSTALLATION ACCESSORIES (OPTIONAL)

MAXIMUM OF ONE ACCESSORY PER FIXTURE



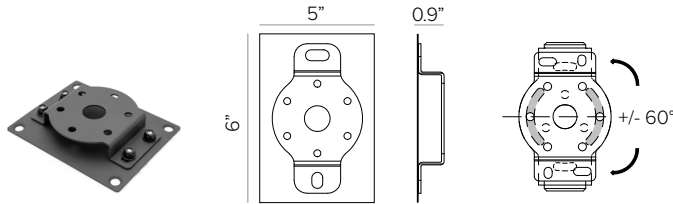
Rotational bracket for surface installation. Powder coated stainless steel.

Part No. **1E3026** (*)



Earth spike. Powder coated stainless steel.

Part No. **1E3028** (*)



Back plate with rotational bracket for wall mount installation. Powder coated stainless steel with Neoprene black foam. Included with 1E3026 and factory attached Stainless Steel black oxide bolts and locking nuts.

Part No. **1US3026** (*)

- 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. 1E3026HB)**

DART ROUND MEDIUM TW

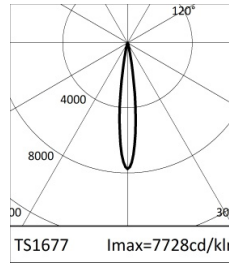
PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

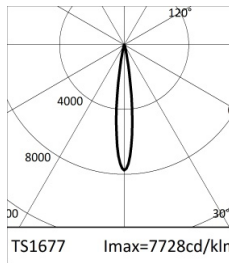
SPOT



2700K		H(m)	D(m)	Emax(lx)
Ra80			14°	
Fixture Power	12W	1	0.25	10687
Source Flux	1383lm	2	0.50	2672
Fixture Flux	811lm	3	0.75	1187
Efficacy	68lm/W	4	1.00	668
TS1677	Imax=7728cd/klm	Imax	10687cd	5 1.25 427

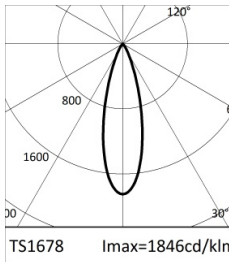


3850K		H(m)	D(m)	Emax(lx)
Ra80			14°	
Fixture Power	12W	1	0.25	12681
Source Flux	1641lm	2	0.50	3170
Fixture Flux	963lm	3	0.75	1409
Efficacy	81lm/W	4	1.00	793
TS1677	Imax=7728cd/klm	Imax	12681cd	5 1.25 507



5000K		H(m)	D(m)	Emax(lx)
Ra80			14°	
Fixture Power	12W	1	0.25	12426
Source Flux	1608lm	2	0.50	3107
Fixture Flux	943lm	3	0.75	1381
Efficacy	79lm/W	4	1.00	777
TS1677	Imax=7728cd/klm	Imax	12426cd	5 1.25 497

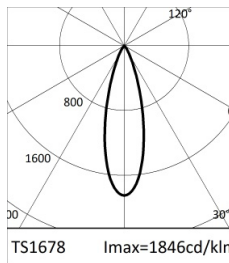
FLOOD



2700K		H(m)	D(m)	Emax(lx)
Ra80			29°	
Fixture Power	12W	1	0.52	2553
Source Flux	1383lm	2	1.04	638
Fixture Flux	815lm	3	1.57	284
Efficacy	69lm/W	4	2.09	160
TS1678	Imax=1846cd/klm	Imax	2553cd	5 2.61 102

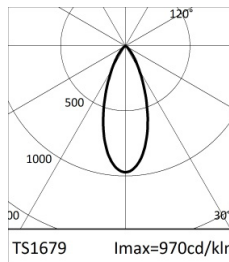


3850K		H(m)	D(m)	Emax(lx)
Ra80			29°	
Fixture Power	12W	1	0.52	3030
Source Flux	1641lm	2	1.04	757
Fixture Flux	967lm	3	1.57	337
Efficacy	81lm/W	4	2.09	189
TS1678	Imax=1846cd/klm	Imax	3030cd	5 2.61 121

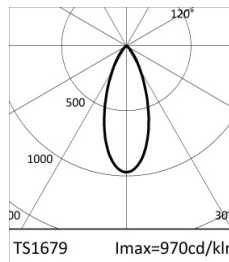


5000K		H(m)	D(m)	Emax(lx)
Ra80			29°	
Fixture Power	12W	1	0.52	2969
Source Flux	1608lm	2	1.04	742
Fixture Flux	948lm	3	1.57	330
Efficacy	80lm/W	4	2.09	186
TS1678	Imax=1846cd/klm	Imax	2969cd	5 2.61 119

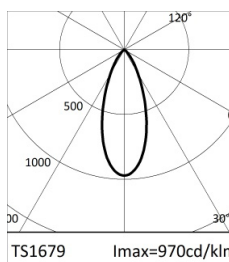
MEDIUM WIDE FLOOD



2700K		H(m)	D(m)	Emax(lx)
Ra80			40°	
Fixture Power	12W	1	0.73	1341
Source Flux	1383lm	2	1.45	335
Fixture Flux	777lm	3	2.18	149
Efficacy	65lm/W	4	2.90	84
TS1679	Imax=970cd/klm	Imax	1341cd	5 3.63 54



3850K		H(m)	D(m)	Emax(lx)
Ra80			40°	
Fixture Power	12W	1	0.73	1591
Source Flux	1641lm	2	1.45	398
Fixture Flux	922lm	3	2.18	177
Efficacy	77lm/W	4	2.90	99
TS1679	Imax=970cd/klm	Imax	1591cd	5 3.63 64



5000K		H(m)	D(m)	Emax(lx)
Ra80			40°	
Fixture Power	12W	1	0.73	1559
Source Flux	1608lm	2	1.45	390
Fixture Flux	903lm	3	2.18	173
Efficacy	76lm/W	4	2.90	97
TS1679	Imax=970cd/klm	Imax	1559cd	5 3.63 62