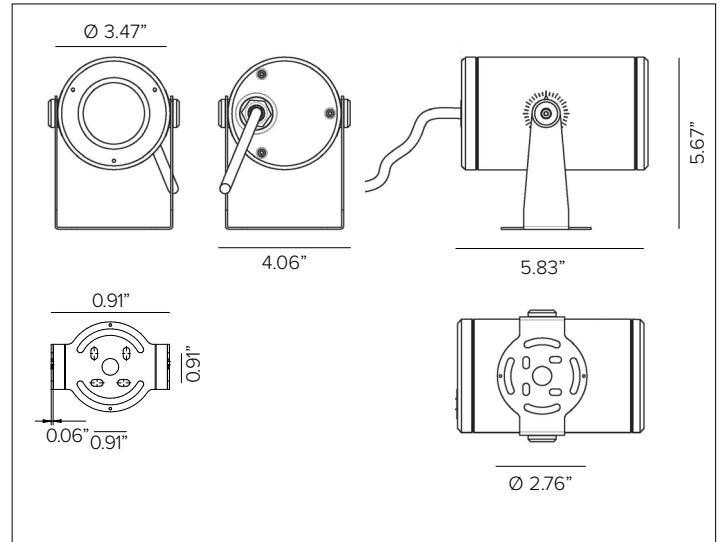


# DART ROUND SMALL TW

## Professional Small Scale Adjustable Dynamic Tunable White Projector Floodlight



DART ROUND SMALL 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

<b>Dimensions</b>	5.67"H x 4.06"W x 5.83"D
<b>Materials</b>	Die-cast aluminum powder coated body and joints for maximum heat dissipation. Tempered extra clear glass lens.
<b>Finish</b>	Textured finish. <ul style="list-style-type: none"> <li>● Ferrite Dark Grey    ● Heritage Brown    ● Bronze</li> <li>● Black                    ● White                    ● Sandstone Grey</li> </ul>
<b>Power Connection</b>	Cabled with 6"L 18-4 direct burial with quick disconnect. Lead cable required, available in 10ft / 25ft / 50ft lengths.
<b>Functionality</b>	Adjustable up to ±60° on the horizontal plane with slotted mounting base and +90°/-45° on the vertical plane with aim locking set screw.
<b>Mounting</b>	Fixture can be installed directly to mounting surface or used with optional mounting installation accessories.
<b>Weight</b>	2.2lbs
<b>Protection</b>	IP66
<b>Impact</b>	IK10

### CERTIFICATIONS

cULus Class 2 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 warranty

### SUSTAINABILITY

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

### ELECTRICAL CHARACTERISTICS

<b>Power Supply</b>	Remote Class 2 power supply required, see available options. Refer to Targetti <a href="#">Onsite Services</a> for additional programing and installation support.
<b>Wattage</b>	4W / 2Ch (Ch 1 – color / Ch 2 – intensity)
<b>Voltage</b>	700mA @ 3.5v DC per channel

### SOURCE

High efficiency Tunable White LED.

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

### OPTIC

Equipped with precision methacrylate lens and spread filter.

Beam			
	SP 15°	FL 32°	MWFL 45°
<b>Delivered Lumens</b>	<b>2700K</b> 336Lm <b>3850K</b> 399Lm <b>5000K</b> 391Lm	<b>2700K</b> 322Lm <b>3850K</b> 382Lm <b>5000K</b> 374Lm	<b>2700K</b> 317Lm <b>3850K</b> 377Lm <b>5000K</b> 369Lm
<b>Efficacy</b>	98Lm/W max. Refer to photometric graphs for specific values.		
<b>Lifetime</b>	L80/B10 60,000hrs at max TA +25°C		
<b>Photobiological Classification</b>	Low risk safety RG1		

# DART ROUND SMALL TW

## SPECIFICATION INFORMATION



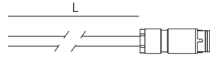
Ex: DRSRPFELISPTW / TW4PLEAD10 / PS042

1 - PRODUCT CODE	2 - DRIVER	3 - FINISH	4 - WATTAGE	5 - OPTIC	6 - KELVIN	7 - OPTIONAL
<b>DRS</b> — DART ROUND SMALL	<b>RP</b> — Remote Driver	<b>FE</b> — Ferrite Dark Grey <b>HB</b> — Heritage Brown <b>BZ</b> — Bronze <b>WT</b> — White Textured <b>BT</b> — Black Textured <b>SG</b> — Sandstone Grey <b>RAL</b> — <a href="#">Custom RAL</a>	<b>L1</b> — 4W	<b>SP</b> — SP 15° <b>FL</b> — FL 32° <b>MW</b> — MWFL 45°	<b>TW</b> — Tunable White	<b>MG</b> <sup>A</sup> — Marine Grade
8 - LEAD CABLE	9 - POWER SUPPLY	10 - OPTICAL ACCESSORIES	11 - INSTALLATION ACCESSORIES			
<a href="#">Lead Cable</a> See section for details	<a href="#">Power Supply</a> See section for details	<a href="#">Filter Holder Ring</a> See section for details <a href="#">Blade Light Linear Spread Lens</a> See section for details <a href="#">Anti-glare Louver</a> See section for details <a href="#">Asymmetric Snoot</a> See section for details	<a href="#">Rotational Bracket</a> See section for details <a href="#">Earth spike</a> See section for details <a href="#">Back Plate</a> See section for details			

<sup>A</sup> 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 cataphoresis 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 SMALL TW

## 8 - LEAD CABLE (REQUIRED)



Direct burial 18-4 lead cable with IP68 quick disconnect.

Length	10ft	25ft	50ft
Part No.	<b>TW4PLEAD10</b>	<b>TW4PLEAD25</b>	<b>TW4PLEAD50</b>

Max length used to be compliant under local and NEC building code for nearest j-box location.

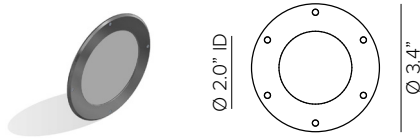
## 9 – POWER SUPPLY (REQUIRED)

STANDALONE							
Part No.	Wattage	Control	Dim Range	In / Out Voltage	Certification	Dimensions (Standalone)	Description
<b>PS042</b> <i>1 fixture max per driver</i>	50W 700mA 2 Chan	0-10V	0% Dim to Dark	Universal 120-277VAC	UR CLASS 2	6.00" x 3.00" x 1.20"	EldoLED DUALdrive 561/S Class 2 Power Supply, side feed only. <b>UL listed enclosure provided by others.</b>
<b>PS043</b> <i>1 fixture max per driver</i>	50W 700mA 2 Chan	DMX	0%	Universal 120-277VAC	UR CLASS 2	6.00" x 3.00" x 1.20"	EldoLED POWERdrive 561/S Class 2 Power Supply, side feed only. <b>UL listed enclosure provided by others.</b>

# DART ROUND SMALL TW

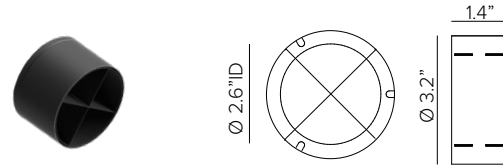
## 10 – EXTERNAL OPTICAL ACCESSORIES (OPTIONAL)

MAXIMUM OF TWO ACCESSORIES PER FIXTURE.



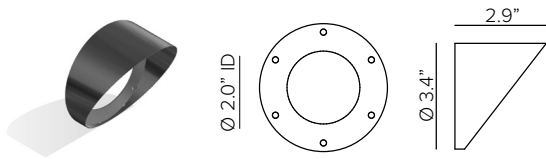
Blade Light Linear Spread Lens. PMMA holographic filter.

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



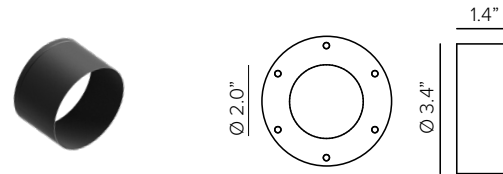
Anti glare louver with removable baffles for different levels of glare control. Powder coat stainless steel. Cutoff 103°. **Not compatible with 1E4003, 1E4004 or 1E4057.**

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



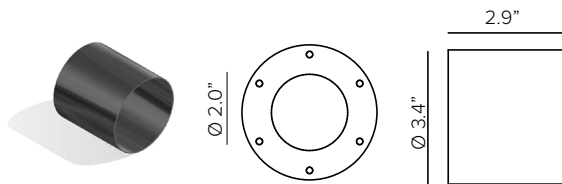
Asymmetric snoot. Powder coated stainless steel. Cutoff 53°. **Not compatible with 1E4004, 1E4005 or 1E4057.**

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 1E4055.**

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

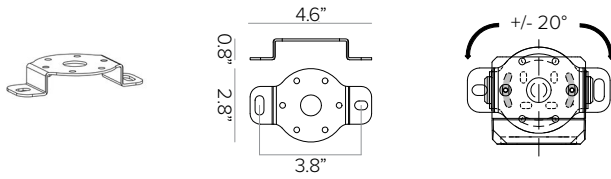
- Ferrite Dark Grey (Default)
- Heritage Brown (HB)\*
- Bronze (BZ)\*
- White (WT)\*
- Black (BT)\*
- Sandstone Grey (SG)\*

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

# DART ROUND SMALL TW

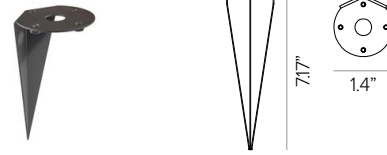
## 11 – INSTALLATION ACCESSORIES (OPTIONAL)

MAXIMUM OF ONE ACCESSORY PER FIXTURE



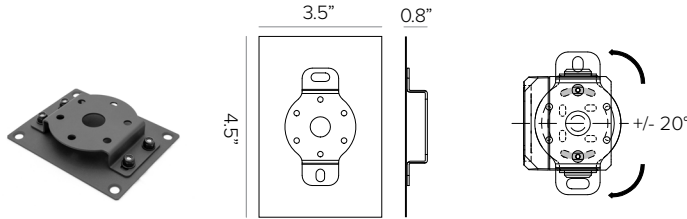
Rotational bracket for surface installation. Powder coated stainless steel.

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



Earth spike. Powder coated stainless steel.

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



Back plate with rotational bracket for wall 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 TW

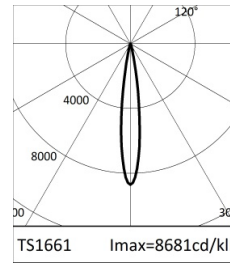
## PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

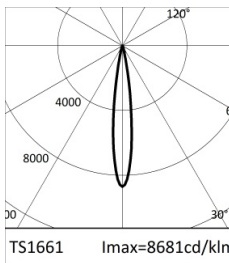
### SPOT



2700K		H(m)	D(m)	Emax(lx)		
Ra80			15°			
Fixture Power	4W	1	0.26	4002		
Source Flux	461lm	2	0.51	1001		
Fixture Flux	336lm	3	0.77	445		
Efficacy	80lm/W	4	1.03	250		
TS1661	Imax=8681cd/klm	Imax	4002cd	5	1.29	160



3850K		H(m)	D(m)	Emax(lx)		
Ra80			15°			
Fixture Power	4W	1	0.26	4749		
Source Flux	547lm	2	0.51	1187		
Fixture Flux	399lm	3	0.77	528		
Efficacy	95lm/W	4	1.03	297		
TS1661	Imax=8681cd/klm	Imax	4749cd	5	1.29	190

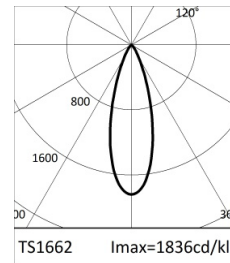


5000K		H(m)	D(m)	Emax(lx)		
Ra80			15°			
Fixture Power	4W	1	0.26	4653		
Source Flux	536lm	2	0.51	1163		
Fixture Flux	391lm	3	0.77	517		
Efficacy	93lm/W	4	1.03	291		
TS1661	Imax=8681cd/klm	Imax	4653cd	5	1.29	186

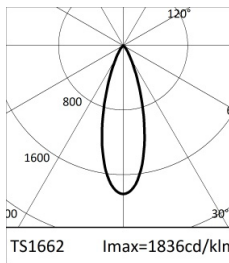
### FLOOD



2700K		H(m)	D(m)	Emax(lx)		
Ra80			32°			
Fixture Power	4W	1	0.57	846		
Source Flux	461lm	2	1.14	212		
Fixture Flux	322lm	3	1.72	94		
Efficacy	77lm/W	4	2.29	53		
TS1662	Imax=1836cd/klm	Imax	846cd	5	2.86	34



3850K		H(m)	D(m)	Emax(lx)		
Ra80			32°			
Fixture Power	4W	1	0.57	1004		
Source Flux	547lm	2	1.14	251		
Fixture Flux	382lm	3	1.72	112		
Efficacy	91lm/W	4	2.29	63		
TS1662	Imax=1836cd/klm	Imax	1004cd	5	2.86	40

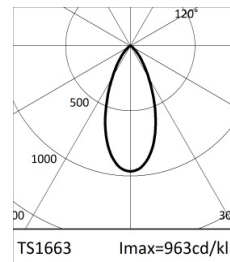


5000K		H(m)	D(m)	Emax(lx)		
Ra80			32°			
Fixture Power	4W	1	0.57	984		
Source Flux	536lm	2	1.14	246		
Fixture Flux	374lm	3	1.72	109		
Efficacy	89lm/W	4	2.29	62		
TS1662	Imax=1836cd/klm	Imax	984cd	5	2.86	39

### MEDIUM WIDE FLOOD



2700K		H(m)	D(m)	Emax(lx)		
Ra80			45°			
Fixture Power	4W	1	0.83	444		
Source Flux	461lm	2	1.66	111		
Fixture Flux	317lm	3	2.50	49		
Efficacy	76lm/W	4	3.33	28		
TS1663	Imax=963cd/klm	Imax	444cd	5	4.16	18



3850K		H(m)	D(m)	Emax(lx)		
Ra80			45°			
Fixture Power	4W	1	0.83	527		
Source Flux	547lm	2	1.66	132		
Fixture Flux	377lm	3	2.50	59		
Efficacy	90lm/W	4	3.33	33		
TS1663	Imax=963cd/klm	Imax	527cd	5	4.16	21



5000K		H(m)	D(m)	Emax(lx)		
Ra80			45°			
Fixture Power	4W	1	0.83	516		
Source Flux	536lm	2	1.66	129		
Fixture Flux	369lm	3	2.50	57		
Efficacy	88lm/W	4	3.33	32		
TS1663	Imax=963cd/klm	Imax	516cd	5	4.16	21