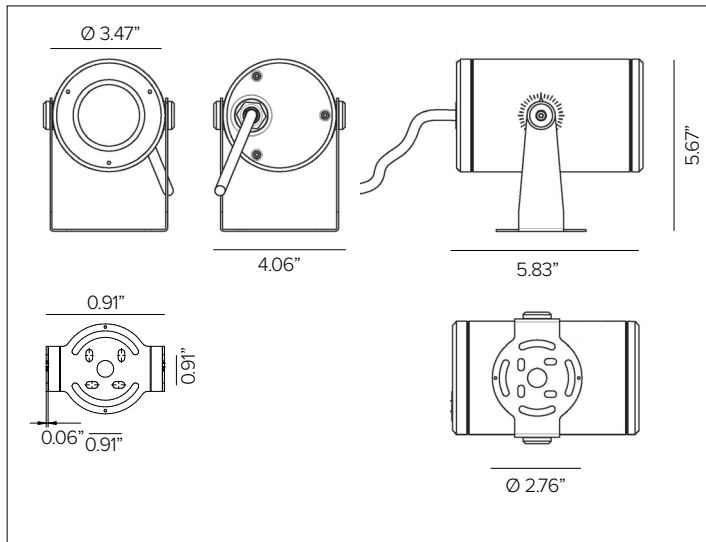


DART ROUND SMALL RGBW

Professional Small Scale Adjustable Dynamic Color Changing Projector Floodlight



DART ROUND SMALL RGBW Shown in Ferrite Dark Grey finish.



CONCEPT

Small footprint fully adjustable LED projector with high intensity RGBW LED's for dynamic color changing illumination.

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. Tempered extra clear glass lens.
Finish	Textured finish. <ul style="list-style-type: none"> ● Ferrite Dark Grey ● Heritage Brown ● Bronze ● Black ● White ● Sandstone Grey
Power Connection	Direct burial 20-8, 4 conductor lead cable with quick disconnect 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	2.2lbs
Protection	IP66
Impact	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

Power Supply	Remote Class 2 power supply with DMX/RGBW interface required, see available options. Refer to Targetti Onsite Services for additional programing and installation support.
Wattage	11W / 4Ch
Voltage	850mA @ 3-4V DC per channel

SOURCE

High efficiency single RGBW LED quad chip.

TM30	CCT (Nominal)	SDCM
	RGBW 6500K	2

OPTIC

Equipped with precision methacrylate lens and spread filter.

Beam				
	NSP 10°	SP 17°	FL 31°	MWFL 44°
Delivered Lumens				
RED	92Lm	85Lm	84Lm	82Lm
GREEN	166Lm	154Lm	151Lm	147Lm
BLUE	32Lm	30Lm	29Lm	29Lm
6500K	250Lm	231Lm	226Lm	221Lm
RGB	236Lm	219Lm	214Lm	209Lm
RGBW	455Lm	421Lm	413Lm	403Lm
Efficacy	40Lm/W max. Refer to photometric graphs for specific values.			
Lifetime	L80/B10 60,000hrs at max TA +25°C			
Photobiological Classification	Low risk safety RG1			

DART ROUND SMALL RGBW

ORDERING CODE

DRS / / / / / / / / / / /

1 2 3 4 5 6 7 8 9 10 11 12

Ex: DRSRPFELISPRGBW / DX8PLEAD10 / PSO41

OPTIONAL REQUIRED OPTIONAL

1 - PRODUCT CODE	2 - DRIVER	3 - FINISH	4 - WATTAGE	5 - OPTIC	6 - KELVIN	7 - OPTIONAL
DRS — DART ROUND SMALL	RP — Remote Driver	FE — Ferrite Dark Grey HB — Heritage Brown BZ — Bronze WT — White BT — Black SG — Sandstone Grey RAL — Custom RAL	L1 — 11W	NS — NSP 10° SP — SP 17° FL — FL 31° MW — MWFL 44°	RGBW — RGBW	MG ^A — Marine Grade
8 - LEAD CABLE	9 - POWER SUPPLY	10 - CONTROL	11 - OPTICAL ACCESSORIES	12 - INSTALLATION ACCESSORIES		
Lead Cable See section for details	DMX Power Supply See section for details	DMX Controller 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 SMALL RGBW

8 - LEAD CABLE (REQUIRED)



Direct burial 20-8 lead cable with IP68 quick disconnect.

Length	10ft	25ft	50ft
Part No.	DX8PLEAD10	DX8PLEAD25	DX8PLEAD50

9 – POWER SUPPLY (REQUIRED)

STANDALONE							
Part No.	Wattage	Control	Dim Range	In / Out Voltage	Certification	Dimensions (Standalone)	Description
PS040	50W 850mA 4 Chan	DMX / RDM <i>1 fixtures max</i>	0%	Universal 120-277VAC	UL CLASS 2	6.00" x 3.00" x 1.20"	EidoLED POWERdrive 561/A1 Class 2 Power Supply, side feed only. UL listed enclosure provided by others.

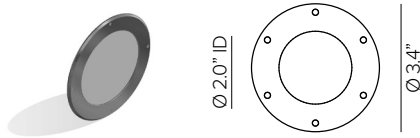
10 – CONTROL (OPTIONAL)

Part No.		Channels	Scenes	Zones	Rating	Voltage	Certification	Dimensions	Description
TGDMXSLES AU9		256	20	1	Indoor	5.5V DC	ETL, UL	5.3"W x 5.5"H x 1.9D	Nicolaudie Sles smart DMX 1/2 universe programmable controller with easy to use software interface.
TGDMXSLES AU11		1024	5	99	Indoor	5VDC 120V AC <i>Plug in power supply included</i>	ETL	6.3" x 3.6" x 1.8"	Nicolaudie Sles smart DMX interface, 2 DMX 512 universes, intuitive backlit keyboard programmable controller with easy to use software interface.
TGDMXSTICKDE3B		1024	10	500	Indoor	6-7V DC 120V AC <i>Plug in power supply included</i>	ETL	5.8" x 4.2" x 0.5"	Nicolaudie intelligent control keypad with glass touch sensitive graphic display, stand-alone DMX 512, 2 universe programmable controller with easy to use software interface. Black finish.
TGDMXSTICKDE3W		1024	10	500	Indoor	6-7V DC 120V AC <i>Plug in power supply included</i>	ETL	5.8" x 4.2" x 0.5"	Nicolaudie intelligent control keypad with glass touch sensitive graphic display, stand-alone DMX 512, 2 universe programmable controller with easy to use software interface. White finish.

DART ROUND SMALL RGBW

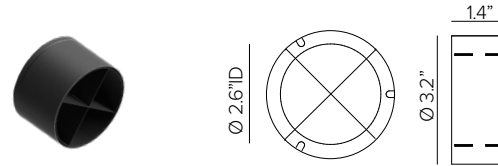
EXTERNAL OPTICAL ACCESSORIES (OPTIONAL)

MAXIMUM OF TWO ACCESSORIES PER FIXTURE.



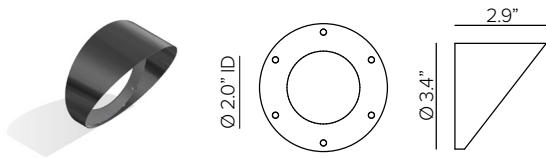
Blade Light Linear Spread Lens. PMMA holographic filter.

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



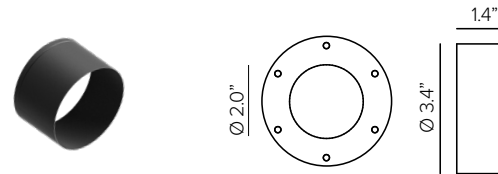
Anti glare louver with removable baffles for different levels of glare control. Powder coat stainless steel. Cutoff 103°. **Not compatible with 1E4003, 1E4004 or 1E4057.**

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



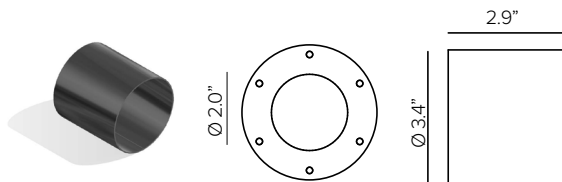
Asymmetric snoot. Powder coated stainless steel. Cutoff 53°. **Not compatible with 1E4004, 1E4005 or 1E4057.**

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 (*)**

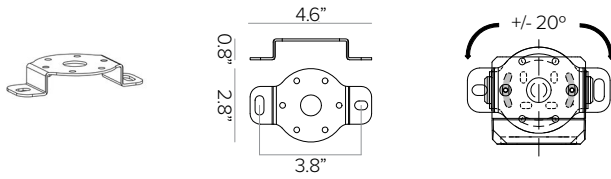
- Ferrite Dark Grey (Default)
- Heritage Brown (HB)*
- Bronze (BZ)*
- White (WT)*
- Black (BT)*
- Sandstone Grey (SG)*

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

DART ROUND SMALL RGBW

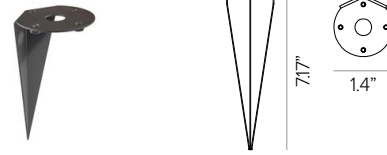
INSTALLATION ACCESSORIES (OPTIONAL)

MAXIMUM OF ONE ACCESSORY PER FIXTURE



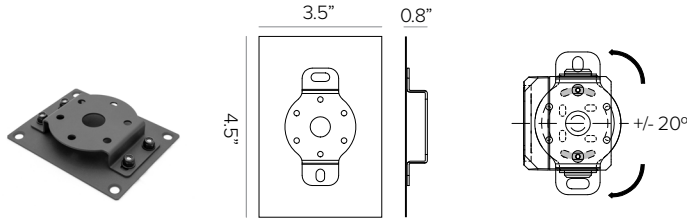
Rotational bracket for surface installation. Powder coated stainless steel.

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)*

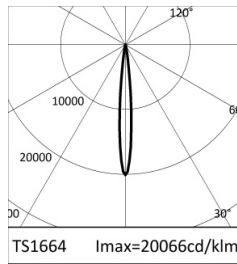
***Add suffix to end of number to identify finish (EX. 1E3015HB)**

DART ROUND SMALL RGBW

PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

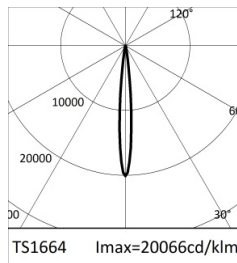
NARROW SPOT



RED		H(m)	D(m)	Emax(lx)		
-				10°		
Fixture Power	2W	1	0.18	2128		
Source Flux	106lm	2	0.35	532		
Fixture Flux	92lm	3	0.53	236		
Efficacy	40lm/W	4	0.71	133		
TS1664	I _{max} =20066cd/klm	I _{max}	2128cd	5	0.88	85



GREEN		H(m)	D(m)	Emax(lx)		
-				10°		
Fixture Power	3W	1	0.18	3834		
Source Flux	191lm	2	0.35	958		
Fixture Flux	166lm	3	0.53	426		
Efficacy	50lm/W	4	0.71	240		
TS1664	I _{max} =20066cd/klm	I _{max}	3834cd	5	0.88	153



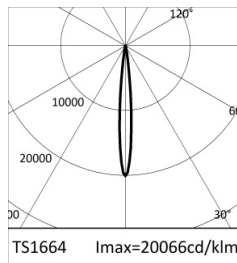
BLUE		H(m)	D(m)	Emax(lx)		
-				10°		
Fixture Power	3W	1	0.18	747		
Source Flux	37lm	2	0.35	187		
Fixture Flux	32lm	3	0.53	83		
Efficacy	11lm/W	4	0.71	47		
TS1664	I _{max} =20066cd/klm	I _{max}	747cd	5	0.88	30



6500K		H(m)	D(m)	Emax(lx)		
-				10°		
Fixture Power	3W	1	0.18	5754		
Source Flux	287lm	2	0.35	1438		
Fixture Flux	250lm	3	0.53	639		
Efficacy	81lm/W	4	0.71	360		
TS1664	I _{max} =20066cd/klm	I _{max}	5754cd	5	0.88	230



RGB		H(m)	D(m)	Emax(lx)		
-				10°		
Fixture Power	7W	1	0.18	5445		
Source Flux	271lm	2	0.35	1361		
Fixture Flux	236lm	3	0.53	605		
Efficacy	36lm/W	4	0.71	340		
TS1664	I _{max} =20066cd/klm	I _{max}	5445cd	5	0.88	218



RGBW		H(m)	D(m)	Emax(lx)		
-				10°		
Fixture Power	11W	1	0.18	10482		
Source Flux	522lm	2	0.35	2621		
Fixture Flux	455lm	3	0.53	1165		
Efficacy	40lm/W	4	0.71	655		
TS1664	I _{max} =20066cd/klm	I _{max}	10482cd	5	0.88	419

DART ROUND SMALL RGBW

PHOTOMETRY

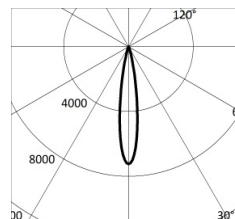
IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

SPOT

		RED	H(m)	D(m)	Emax(lx)
		-		17°	
Fixture Power	2W	1	0.29	766	
Source Flux	106lm	2	0.59	192	
Fixture Flux	85lm	3	0.88	85	
Efficacy	37lm/W	4	1.18	48	
TS1665	I _{max} =7227cd/klm	I _{max}	766cd	5	1.47

		GREEN	H(m)	D(m)	Emax(lx)
		-		17°	
Fixture Power	3W	1	0.29	1381	
Source Flux	191lm	2	0.59	345	
Fixture Flux	154lm	3	0.88	153	
Efficacy	47lm/W	4	1.18	86	
TS1665	I _{max} =7227cd/klm	I _{max}	1381cd	5	1.47

		BLUE	H(m)	D(m)	Emax(lx)
		-		17°	
Fixture Power	3W	1	0.29	269	
Source Flux	37lm	2	0.59	67	
Fixture Flux	30lm	3	0.88	30	
Efficacy	10lm/W	4	1.18	17	
TS1665	I _{max} =7227cd/klm	I _{max}	269cd	5	1.47

		6500K	H(m)	D(m)	Emax(lx)
		-		17°	
Fixture Power	3W	1	0.29	2072	
Source Flux	287lm	2	0.59	518	
Fixture Flux	231lm	3	0.88	230	
Efficacy	74lm/W	4	1.18	130	
TS1665	I _{max} =7227cd/klm	I _{max}	2072cd	5	1.47

		RGB	H(m)	D(m)	Emax(lx)
		-		17°	
Fixture Power	7W	1	0.29	1961	
Source Flux	271lm	2	0.59	490	
Fixture Flux	219lm	3	0.88	218	
Efficacy	33lm/W	4	1.18	123	
TS1665	I _{max} =7227cd/klm	I _{max}	1961cd	5	1.47

		RGBW	H(m)	D(m)	Emax(lx)
		-		17°	
Fixture Power	11W	1	0.29	3775	
Source Flux	522lm	2	0.59	944	
Fixture Flux	421lm	3	0.88	419	
Efficacy	37lm/W	4	1.18	236	
TS1665	I _{max} =7227cd/klm	I _{max}	3775cd	5	1.47

DART ROUND SMALL RGBW

PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

FLOOD



RED		H(m)	D(m)	Emax(lx)		
-			31°			
Fixture Power	2W	1	0.55	234		
Source Flux	106lm	2	1.11	58		
Fixture Flux	84lm	3	1.66	26		
Efficacy	36lm/W	4	2.21	15		
TS1666	I _{max} =2205cd/klm	I _{max}	234cd	5	2.77	9



GREEN		H(m)	D(m)	Emax(lx)		
-			31°			
Fixture Power	3W	1	0.55	421		
Source Flux	191lm	2	1.11	105		
Fixture Flux	151lm	3	1.66	47		
Efficacy	46lm/W	4	2.21	26		
TS1666	I _{max} =2205cd/klm	I _{max}	421cd	5	2.77	17



BLUE		H(m)	D(m)	Emax(lx)		
-			31°			
Fixture Power	3W	1	0.55	82		
Source Flux	37lm	2	1.11	21		
Fixture Flux	29lm	3	1.66	9		
Efficacy	10lm/W	4	2.21	5		
TS1666	I _{max} =2205cd/klm	I _{max}	82cd	5	2.77	3



6500K		H(m)	D(m)	Emax(lx)		
-			31°			
Fixture Power	3W	1	0.55	632		
Source Flux	287lm	2	1.11	158		
Fixture Flux	226lm	3	1.66	70		
Efficacy	73lm/W	4	2.21	40		
TS1666	I _{max} =2205cd/klm	I _{max}	632cd	5	2.77	25



RGB		H(m)	D(m)	Emax(lx)		
-			31°			
Fixture Power	7W	1	0.55	598		
Source Flux	271lm	2	1.11	150		
Fixture Flux	214lm	3	1.66	66		
Efficacy	32lm/W	4	2.21	37		
TS1666	I _{max} =2205cd/klm	I _{max}	598cd	5	2.77	24



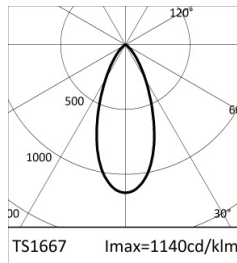
RGBW		H(m)	D(m)	Emax(lx)		
-			31°			
Fixture Power	11W	1	0.55	1152		
Source Flux	522lm	2	1.11	288		
Fixture Flux	413lm	3	1.66	128		
Efficacy	36lm/W	4	2.21	72		
TS1666	I _{max} =2205cd/klm	I _{max}	1152cd	5	2.77	46

DART ROUND SMALL RGBW

PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

MEDIUM WIDE FLOOD



RED		H(m)	D(m)	Emax(lx)	
-			0.80	44°	
Fixture Power	2W	1	0.80	121	
Source Flux	106lm	2	1.60	30	
Fixture Flux	82lm	3	2.40	13	
Efficacy	36lm/W	4	3.19	8	
TS1667	I _{max} =1140cd/klm	I _{max}	121cd	5	3.99



GREEN		H(m)	D(m)	Emax(lx)	
-			0.80	44°	
Fixture Power	3W	1	0.80	218	
Source Flux	191lm	2	1.60	54	
Fixture Flux	147lm	3	2.40	24	
Efficacy	45lm/W	4	3.19	14	
TS1667	I _{max} =1140cd/klm	I _{max}	218cd	5	3.99



BLUE		H(m)	D(m)	Emax(lx)	
-			0.80	44°	
Fixture Power	3W	1	0.80	42	
Source Flux	37lm	2	1.60	11	
Fixture Flux	29lm	3	2.40	5	
Efficacy	10lm/W	4	3.19	3	
TS1667	I _{max} =1140cd/klm	I _{max}	42cd	5	3.99



6500K		H(m)	D(m)	Emax(lx)	
-			0.80	44°	
Fixture Power	3W	1	0.80	327	
Source Flux	287lm	2	1.60	82	
Fixture Flux	221lm	3	2.40	36	
Efficacy	71lm/W	4	3.19	20	
TS1667	I _{max} =1140cd/klm	I _{max}	327cd	5	3.99



RGB		H(m)	D(m)	Emax(lx)	
-			0.80	44°	
Fixture Power	7W	1	0.80	309	
Source Flux	271lm	2	1.60	77	
Fixture Flux	209lm	3	2.40	34	
Efficacy	32lm/W	4	3.19	19	
TS1667	I _{max} =1140cd/klm	I _{max}	309cd	5	3.99



RGBW		H(m)	D(m)	Emax(lx)	
-			0.80	44°	
Fixture Power	11W	1	0.80	596	
Source Flux	522lm	2	1.60	149	
Fixture Flux	403lm	3	2.40	66	
Efficacy	35lm/W	4	3.19	37	
TS1667	I _{max} =1140cd/klm	I _{max}	596cd	5	3.99