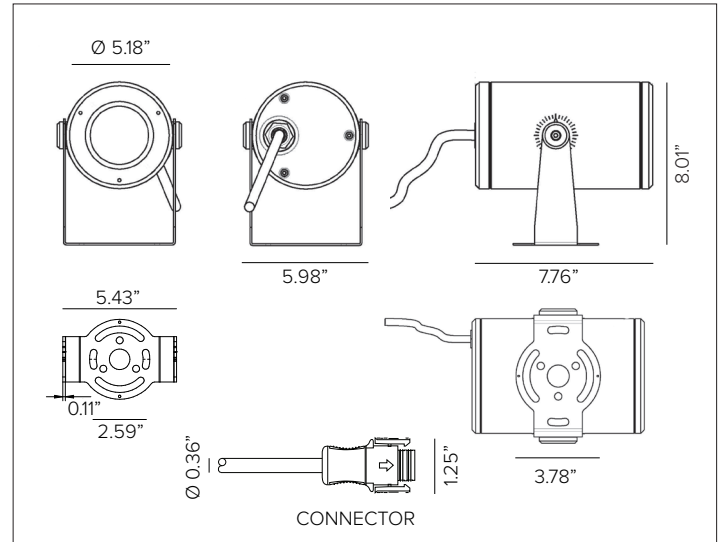


DART ROUND MEDIUM

Professional Adjustable Projector Floodlight



DART MEDIUM ROUND shown in Ferrite Dark Grey finish.



CONCEPT

Small footprint fully adjustable LED flood light projector.

MECHANICAL CHARACTERISTICS

Housing	8.01"H x 5.98"W x 7.76"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	Cabled with 10ft SJ00W 16-6 cable and DSM&T anti-wicking quick disconnect.
Functionality	Adjustable up to $\pm 60^\circ$ on the horizontal plane with slotted mounting base and $+90^\circ/-45^\circ$ 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	7lbs
Protection	IP66
Impact	IK10

CERTIFICATIONS

cULus Wet Location Listed E488257.
 Tested in accordance with LM-79-08.
 Compliant for California installations.
 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	8W (NSP) / 28W (SP / FL) / 33W (MWFL / WFL)
Voltage	Universal Voltage 120-277V AC 50/60Hz
Ambient Temp.	-25°C / +35°C (95°F)

SOURCE

NSP optic uses high efficiency LED Emitter. SP / FL / MWFL / WFL optics use high efficiency LED Chip on Board.

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	82	81	97	2	2

Ra90 available upon request

OPTIC

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

Beam	NSP 5°	SP 14°	FL 36°	MWFL 46°	WFL 56°
Delivered Lumens					
3000K	518Lm	2,325Lm	2,042Lm	4,108Lm	4,148Lm
4000K	558Lm	2,344Lm	2,059Lm	4,206Lm	4,247Lm

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	118Lm/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 MEDIUM

SPECIFICATION INFORMATION

DRM						/	/	
1	2	3	4	5	6	7	8	9

Ex: DRM41FEL3SP30

OPTIONAL

1 - PRODUCT CODE	2 - DRIVER	3 - FINISH	4 - WATTAGE	5 - OPTIC	6 - KELVIN
DRM — DART ROUND MEDIUM	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 — 8W	NS — NSP 5°	27 — 2700K
			L3^C — 28W	SP — SP 14°	30 — 3000K
			L2^D — 33W	FL — FL 36°	35 — 3500K
				MW — MWFL 46° WF — WFL 56°	40 — 4000K 50 — 5000K
7 - OPTIONAL	8 - EXTERNAL OPTICAL ACCESSORIES	9 - 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			

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

^B 8W available with NSP only.

^C 28W available with SP and FL only.

^D 33W available with MWFL and WFL only.

OPTIC VERSIONS

NSP OPTIC ONLY

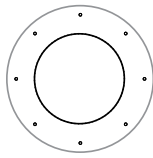


SP / FL / MWFL / WFL OPTICS



DART ROUND MEDIUM

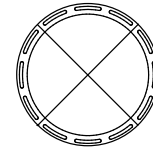
8 - EXTERNAL OPTICAL ACCESSORIES (OPTIONAL)



Ø 5.12"

Blade Light Linear Spread Lens. PMMA holographic filter.

Part No. **1E4006 (*)**

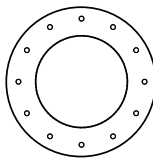


Ø 5.12"

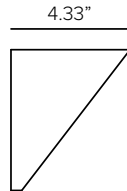


Anti glare louver with internal baffles for glare control. Powder coat stainless steel. Cutoff 114°. **Not compatible with 1E4007, 1E4008 or 1E4058.**

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

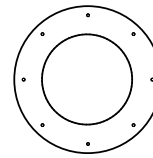


Ø 5.12"

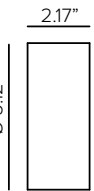


Asymmetric snoot. Powder coated stainless steel. Cutoff 52°. **Not compatible with 1E4009, 1E4008 or 1E4058.**

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

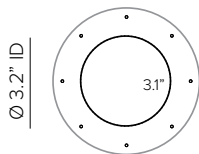


Ø 5.12"



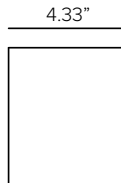
Symmetric snoot. Powder coated stainless steel. Cutoff 102°. **Not compatible with 1E4007, 1E4009 or 1E4058.**

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



Ø 3.2" ID

Ø 5.12"



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

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

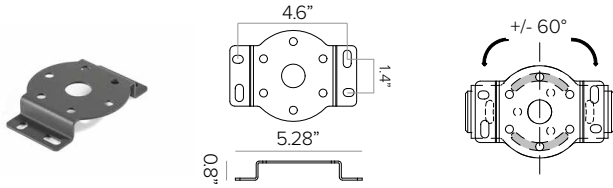
Ferrite Dark Grey (Default)
 Heritage Brown (HB)*
 Bronze (BZ)*
 White (WT)*
 Black (BT)*
 Sandstone Grey (SG)*

***Add suffix to end of number to identify finish (EX. 1E4006HB)**

DART ROUND MEDIUM

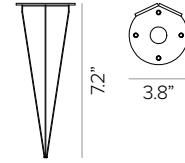
9 - INSTALLATION ACCESSORIES (OPTIONAL)

MAXIMUM OF ONE ACCESSORY PER FIXTURE



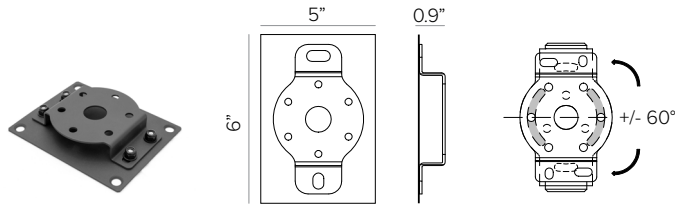
Rotational bracket for surface installation. Powder coated stainless steel.

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

PHOTOMETRY

NARROW SPOT

	3000K	H(m)	D(m)	Emax(lx)
	Ra80		5°	
	Fixture Power	8W	1	0.09
	Source Flux	690lm	2	0.17
	Fixture Flux	518lm	3	0.26
	Efficacy	65lm/W	4	0.34
	TS1668	Imax=62727cd/klm	Imax	43282cd

	4000K	H(m)	D(m)	Emax(lx)
	Ra80		5°	
	Fixture Power	8W	1	0.09
	Source Flux	744lm	2	0.17
	Fixture Flux	558lm	3	0.26
	Efficacy	70lm/W	4	0.34
	TS1668	Imax=62727cd/klm	Imax	46669cd

SPOT

	3000K	H(m)	D(m)	Emax(lx)
	Ra80		14°	
	Fixture Power	28W	1	0.25
	Source Flux	3687lm	2	0.51
	Fixture Flux	2325lm	3	0.76
	Efficacy	84lm/W	4	1.02
	TS1669	Imax=7084cd/klm	Imax	26118cd

	4000K	H(m)	D(m)	Emax(lx)
	Ra80		14°	
	Fixture Power	28W	1	0.25
	Source Flux	3717lm	2	0.51
	Fixture Flux	2344lm	3	0.76
	Efficacy	84lm/W	4	1.02
	TS1669	Imax=7084cd/klm	Imax	26331cd

FLOOD

	3000K	H(m)	D(m)	Emax(lx)
	Ra80		36°	
	Fixture Power	28W	1	0.64
	Source Flux	3687lm	2	1.28
	Fixture Flux	2042lm	3	1.92
	Efficacy	73lm/W	4	2.56
	TS1670	Imax=1562cd/klm	Imax	5760cd

	4000K	H(m)	D(m)	Emax(lx)
	Ra80		36°	
	Fixture Power	28W	1	0.64
	Source Flux	3717lm	2	1.28
	Fixture Flux	2059lm	3	1.92
	Efficacy	74lm/W	4	2.56
	TS1670	Imax=1562cd/klm	Imax	5807cd

MEDIUM WIDE FLOOD

	3000K	H(m)	D(m)	Emax(lx)
	Ra80		46°	
	Fixture Power	33W	1	0.85
	Source Flux	5072lm	2	1.71
	Fixture Flux	4108lm	3	2.56
	Efficacy	124lm/W	4	3.41
	TS1671	Imax=1507cd/klm	Imax	7642cd

	4000K	H(m)	D(m)	Emax(lx)
	Ra80		46°	
	Fixture Power	33W	1	0.85
	Source Flux	5193lm	2	1.71
	Fixture Flux	4206lm	3	2.56
	Efficacy	127lm/W	4	3.41
	TS1671	Imax=1507cd/klm	Imax	7824cd

WIDE FLOOD

	3000K	H(m)	D(m)	Emax(lx)
	Ra80		56°	
	Fixture Power	33W	1	1.07
	Source Flux	5072lm	2	2.14
	Fixture Flux	4148lm	3	3.20
	Efficacy	125lm/W	4	4.27
	TS1672	Imax=1109cd/klm	Imax	5623cd

	4000K	H(m)	D(m)	Emax(lx)
	Ra80		56°	
	Fixture Power	33W	1	1.07
	Source Flux	5193lm	2	2.14
	Fixture Flux	4247lm	3	3.20
	Efficacy	128lm/W	4	4.27
	TS1672	Imax=1109cd/klm	Imax	5757cd