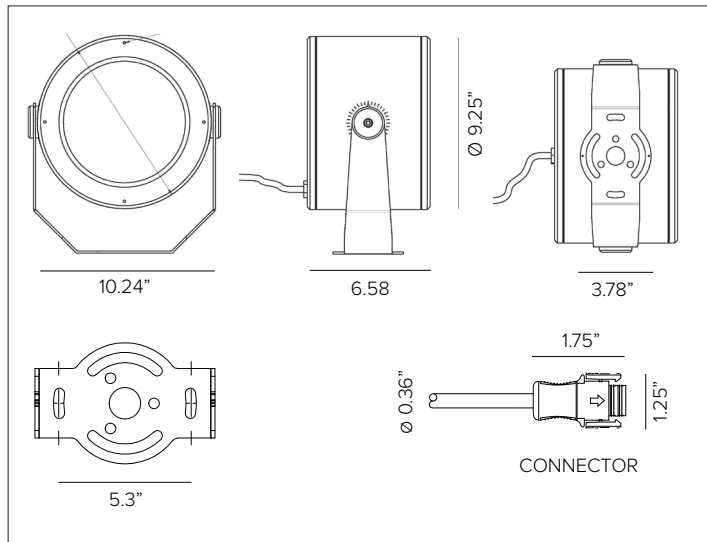


DART ROUND MAXI

Professional Adjustable Floodlight



DART ROUND MAXI shown in Ferrite Dark Grey finish.



CONCEPT

Fully adjustable LED projector with high output.

MECHANICAL CHARACTERISTICS

Dimensions	10.24"W x 6.58"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 10ft SJ00W 16-6 cable and DSMT anti-wicking quick disconnect.
Functionality	Adjustable up to ±45° 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	13lbs
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	17W (NSP), 71W (SP, FL, MWFL, WFL)
Voltage	Universal Voltage 120-277V AC 50/60Hz
Ambient Temp.	-25°C / +35°C (95°F)

SOURCE

NSP is equipped with high efficiency LED Emitter. SP / FL / MWFL / WFL is equipped with high efficiency LED Chip on Board with optimized melanopic ratios.

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

Ra90 available upon request

OPTIC

Optical system is dependent on beam angle. NSP version comprised of precision methacrylate lens and spread filter. SP / FL versions comprised of a hybrid optic with anodized mirrored aluminum reflector, optical glass lenses, a black anodized aluminum lens holder and a holographic filter. MWFL / WFL versions comprised of precision optics with convex reflective anodized aluminum facets and a holographic filter.

Beam	NSP 5°	SP 20°	FL 28°	MWFL 43°	WFL 59°
Delivered Lumens	3000K 1,310Lm	4,619Lm	5,097Lm	6,760Lm	6,728Lm
	4000K 1,412Lm	4,729Lm	5,219Lm	6,921Lm	6,888Lm

Data represents max output, version only, refer to photometry section for all fixture variations.
 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	97Lm/W max. Refer to photometric graphs for specific values.
Lifetime	NSP: L96/B10 30,000hrs / L93/B10 50,000hrs at max TA +25°C All other optics: L96/B10 30,000hrs at max TA +25°C L93/B10 50,000hrs at max TA +25°C L90/B10 80,000hrs at max TA +25°C L87/B10 100,000hrs at max TA +25°C

Photobiological Classification Low risk safety RG1

DART ROUND MAXI

SPECIFICATION INFORMATION



1 - PRODUCT	2 - DRIVER	3 - FINISH	4 - WATTAGE	5 - OPTIC	6 - KELVIN
DRL — DART ROUND MAXI	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 — 17W L2 ^C — 71W	NS — NSP 5° SP — SP 20° FL — FL 28° MW — MWFL 43° WF — WFL 59°	27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K 50 — 5000K
7 - OPTIONAL	8 - EXTERNAL OPTICAL ACCESSORIES	9 - INSTALLATION ACCESSORIES			
MG ^A — Marine Grade	Blade of Light Linear Spread Lens <i>See section for details</i> Anti-glare Louver <i>See section for details</i> Asymmetric Snoot <i>See section for details</i> Symmetric Snoot <i>See section for details</i> Symmetric Super Snoot <i>See section for details</i>	Rotational Bracket <i>See section for details</i> Earth spike <i>See section for details</i>			

^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.

^B 17W available with NSP only.

^C 71W available with SP, FL, MWFL, WFL only.

OPTIC VERSIONS

NSP OPTIC ONLY



SP / FL OPTICS



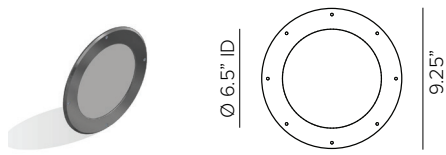
MWFL / WFL OPTICS



DART ROUND MAXI

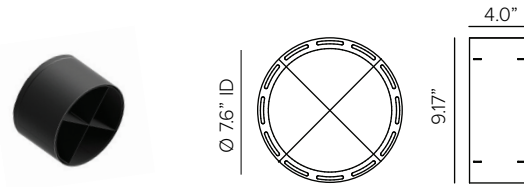
8 - EXTERNAL OPTICAL ACCESSORIES (OPTIONAL)

MAXIMUM OF TWO ACCESSORIES PER FIXTURE.



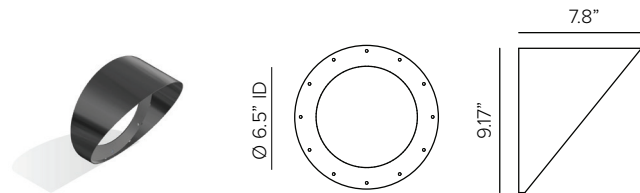
Blade Light Linear Spread Lens. PMMA holographic filter.

Part No. **1E4010 (*)**



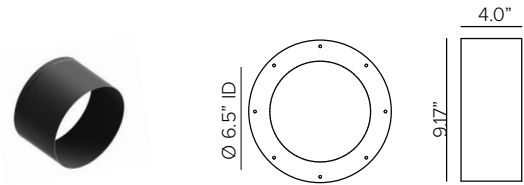
Anti glare louver with internal baffles for glare control. Powder coat stainless steel. Cutoff 52°. **Not compatible with 1E4011, 14012, or 1E4059.**

Part No. **1E4013 (*)**



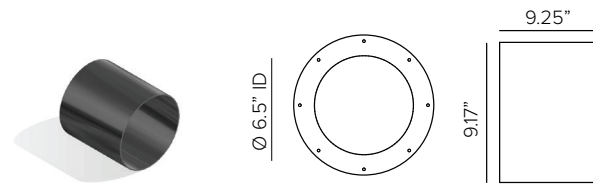
Asymmetric snoot. Powder coated stainless steel. Cutoff 53°. **Not compatible with 1E4012, 14013, or 1E4059.**

Part No. **1E4011 (*)**



Symmetric snoot. Powder coated stainless steel. Cutoff 104°. **Not compatible with 1E4011, 14013, or 1E4059.**

Part No. **1E4012 (*)**

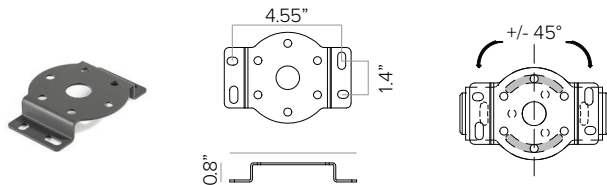


Symmetric super snoot. Powder coated stainless steel. Cutoff 45°. **Not compatible with 1E4011, 14012, or 14013.**

Part No. **1E4059 (*)**

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. **1E3188 (*)**

- 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 MAXI

PHOTOMETRY

NARROW SPOT

3000K		H(m)	D(m)	Emax(lx)		
Ra80			5°			
Fixture Power	17W	1	0.08	116677		
Source Flux	1610lm	2	0.17	29169		
Fixture Flux	1310lm	3	0.25	12964		
Efficacy	79lm/W	4	0.34	7292		
TS1790	Imax=72470cd/klm	Imax	116677cd	5	0.42	4667

4000K		H(m)	D(m)	Emax(lx)		
Ra80			5°			
Fixture Power	17W	1	0.08	125808		
Source Flux	1736lm	2	0.17	31452		
Fixture Flux	1412lm	3	0.25	13979		
Efficacy	85lm/W	4	0.34	7863		
TS1790	Imax=72470cd/klm	Imax	125808cd	5	0.42	5032

SPOT

3000K		H(m)	D(m)	Emax(lx)		
Ra80			19°			
Fixture Power	71W	1	0.33	34837		
Source Flux	8673lm	2	0.67	8709		
Fixture Flux	4619lm	3	1.00	3871		
Efficacy	65lm/W	4	1.34	2177		
TS1779	Imax=4017cd/klm	Imax	34837cd	5	1.67	1393

4000K		H(m)	D(m)	Emax(lx)		
Ra80			19°			
Fixture Power	71W	1	0.33	35668		
Source Flux	8880lm	2	0.67	8917		
Fixture Flux	4729lm	3	1.00	3963		
Efficacy	67lm/W	4	1.34	2229		
TS1779	Imax=4017cd/klm	Imax	35668cd	5	1.67	1427

FLOOD

3000K		H(m)	D(m)	Emax(lx)		
Ra80			27°			
Fixture Power	71W	1	0.48	22990		
Source Flux	8673lm	2	0.96	5748		
Fixture Flux	5097lm	3	1.44	2554		
Efficacy	72lm/W	4	1.92	1437		
TS1780	Imax=2651cd/klm	Imax	22990cd	5	2.39	920

4000K		H(m)	D(m)	Emax(lx)		
Ra80			27°			
Fixture Power	71W	1	0.48	23539		
Source Flux	8880lm	2	0.96	5885		
Fixture Flux	5219lm	3	1.44	2615		
Efficacy	74lm/W	4	1.92	1471		
TS1780	Imax=2651cd/klm	Imax	23539cd	5	2.39	942

MEDIUM WIDE FLOOD

3000K		H(m)	D(m)	Emax(lx)		
Ra80			46°			
Fixture Power	71W	1	0.86	9242		
Source Flux	8760lm	2	1.71	2311		
Fixture Flux	6760lm	3	2.57	1027		
Efficacy	95lm/W	4	3.43	578		
TS1781	Imax=1055cd/klm	Imax	9242cd	5	4.29	370

4000K		H(m)	D(m)	Emax(lx)		
Ra80			46°			
Fixture Power	71W	1	0.86	9463		
Source Flux	8969lm	2	1.71	2366		
Fixture Flux	6921lm	3	2.57	1051		
Efficacy	97lm/W	4	3.43	591		
TS1781	Imax=1055cd/klm	Imax	9463cd	5	4.29	379

WIDE FLOOD

3000K		H(m)	D(m)	Emax(lx)		
Ra80			62°			
Fixture Power	71W	1	1.21	6229		
Source Flux	8760lm	2	2.43	1557		
Fixture Flux	6728lm	3	3.64	692		
Efficacy	95lm/W	4	4.85	389		
TS1782	Imax=728cd/klm	Imax	6374cd	5	6.07	249

4000K		H(m)	D(m)	Emax(lx)		
Ra80			62°			
Fixture Power	71W	1	1.21	6377		
Source Flux	8969lm	2	2.43	1594		
Fixture Flux	6888lm	3	3.64	709		
Efficacy	97lm/W	4	4.85	399		
TS1782	Imax=728cd/klm	Imax	6526cd	5	6.07	255