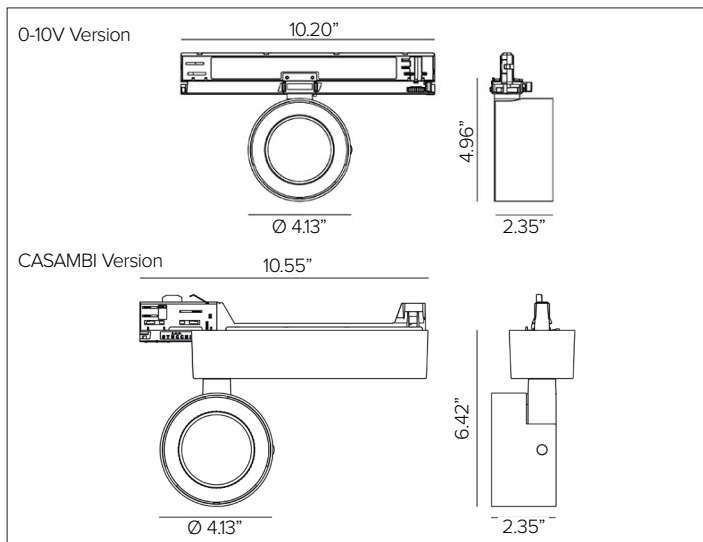


ZENO SMALL

Professional Track Projector



Left to right: ZENO SMALL 0-10V driver version shown in Deep Black finish; ZENO SMALL Casambi driver version shown in Plaster White finish.



CONCEPT

Professional LED track projector with precision optical system.

MECHANICAL CHARACTERISTICS

Dimensions	4.13" Dia.
Materials	Die cast aluminum finished body.
Finish	● Plaster White ● Deep Black
Functionality	Fixture can be vertically adjusted from 0° to -90° and horizontally up to 350° with secure aim locking system.
Mounting	EUROSTANDARD PLUS Track , sold separately. The fixture can be vertically adjusted from 0° to 90° and horizontally up to 355° with secure locking.
Weight	176lbs
Protection	IP20

CERTIFICATIONS

cULus Listed.
Tested in accordance with LM-79-08.
Compliant with California energy regulations.
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	Integral electronic driver.
Wattage	NSP: 11W / SP, FL, MFL, WFL: 19W
Voltage	120V AC 50/60Hz
Control	Either 0-10V or wireless bluetooth control through Casambi app interface for individual fixture control. Refer to Targetti LMS (Light Management System) for detailed information.
Ambient Temp.	0°C / +25°C (77°F)

SOURCE






High efficiency LED Chip on Board.

TM30	CCT (Nominal)	CRI	Rf	Rg	SDCM
	2700K	90	94	102	2
	3000K	90	92	101	2
	3500K	90	93	99	2
	4000K	90	90	98	2

Ra97 available upon request

OPTIC

Optical system dependant on beam. NSP / SP / FL / MWFL versions comprised of PMMA TIR lenses. WFL version comprised of convex faceted highly reflective anodized aluminium precision optic and PMMA holographic lens.

Beam	 NSP 10°	 SP 19°	 FL 24°	 MWFL 31°	 WFL 48°	
Delivered Lumens	3000K	827Lm	1,861Lm	1,754Lm	1,909Lm	1,852Lm
	4000K	884Lm	2,012Lm	1,897Lm	2,064Lm	2,002Lm
For 2700K lumen values use multiplier of 0.96 from 3000K For 3500K lumen values use multiplier of 1.01 from 3000K.						
Efficacy	109Lm/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 L90/B10 >80,000hrs at max TA +25°C L87/B10 >100,000hrs at max TA +25°C					
Photobiological Classification	Low risk photobiological safety RG1					

ZENO SMALL

SPECIFICATION INFORMATION

ZOS						
1	2	3	4	5	6	7
Ex: ZOS10PWSPL230					REQUIRED	OPTIONAL

1 - PRODUCT CODE	2 - DRIVER	3 - FINISH	4 - OPTICS	5 - WATTAGE	5 - KELVIN	6 - RAIL & DRIVER
ZOS — ZENO SMALL	10 — 0-10V CA — CASAMBI	PW — Plaster White DB — Deep Black	NS — NSP 10° SP — SP 19° FL — FL 24° MF — MWF 31° WF — WFL 48°	L1 — 11W L2 — 19W	27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K	REQUIRED See EUROSTANDARD PLUS TRACK spec sheet for specification information.

7 - OPTICAL ACCESSORIES

[Accessory Holder Ring](#)

See section for details

[Blade Light Linear Spread Lens](#)

See section for details

[Anti-glare Louver](#)

See section for details

[Adjustable Barn Doors](#)

See section for details

[Asymmetric Snoot](#)

See section for details

[Cut-off](#)

See section for details

OPTIC VERSIONS

NSP / SP / FL / MWFL OPTICS ONLY



WFL OPTIC ONLY



ZENO SMALL

7 – OPTICAL ACCESSORIES (OPTIONAL)

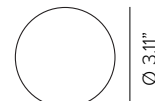
MAXIMUM OF ONE ACCESSORY PER FIXTURE.



Aluminum accessory holder ring. **Required with the use of all optical accessories.**

Finish ● Deep Black

Part No. **1T6571**



Blade of Light® linear spread lens. PMMA holographic filter for a blade of light effect. **To be completed with accessory holder ring.**

Part No. **1T6572**



Anti-glare louver. Lacquered metal honeycomb structure. **To be completed with accessory holder ring.**

Finish ● Deep Black

Part No. **1T6573**



Cut-off made of steel painted black. **To be completed with accessory holder ring.**

Finish ● Deep Black

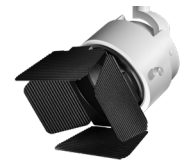
Part No. **1T6574**



Asymmetric cut-off, painted steel. **To be completed with accessory holder ring.**

Finish ● Deep Black

Part No. **1T6575**



Adjustable barn door, painted steel. **To be completed with accessory holder ring.**

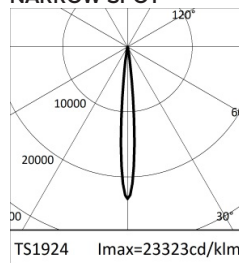
Finish ● Deep Black

Part No. **1T6576**

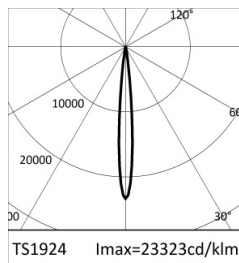
ZENO SMALL

PHOTOMETRY

NARROW SPOT

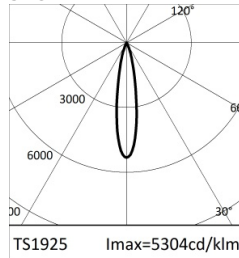


3000K	H(m)	D(m)	Emax(lx)
Ra90		10°	
Fixture Power	11W	1	0.17 21923
Source Flux	940lm	2	0.34 5481
Fixture Flux	827lm	3	0.51 2436
Efficacy	78lm/W	4	0.68 1370
TS1924	I _{max} =23323cd/klm	I _{max}	21923cd 5 0.85 877

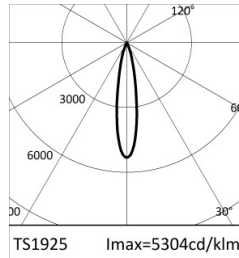


4000K	H(m)	D(m)	Emax(lx)
Ra90		10°	
Fixture Power	11W	1	0.17 23439
Source Flux	1005lm	2	0.34 5860
Fixture Flux	884lm	3	0.51 2604
Efficacy	84lm/W	4	0.68 1465
TS1924	I _{max} =23323cd/klm	I _{max}	23439cd 5 0.85 938

SPOT



3000K	H(m)	D(m)	Emax(lx)
Ra90		19°	
Fixture Power	19W	1	0.34 11918
Source Flux	2247lm	2	0.68 2980
Fixture Flux	1861lm	3	1.03 1324
Efficacy	98lm/W	4	1.37 745
TS1925	I _{max} =5304cd/klm	I _{max}	11918cd 5 1.71 477



4000K	H(m)	D(m)	Emax(lx)
Ra90		19°	
Fixture Power	19W	1	0.34 12889
Source Flux	2430lm	2	0.68 3222
Fixture Flux	2012lm	3	1.03 1432
Efficacy	106lm/W	4	1.37 806
TS1925	I _{max} =5304cd/klm	I _{max}	12889cd 5 1.71 516

FLOOD

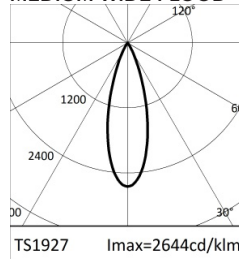


3000K	H(m)	D(m)	Emax(lx)
Ra90		24°	
Fixture Power	19W	1	0.42 8192
Source Flux	2247lm	2	0.84 2048
Fixture Flux	1754lm	3	1.25 910
Efficacy	92lm/W	4	1.67 512
TS1926	I _{max} =3646cd/klm	I _{max}	8192cd 5 2.09 328

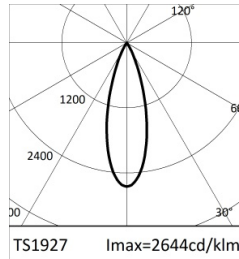


4000K	H(m)	D(m)	Emax(lx)
Ra90		24°	
Fixture Power	19W	1	0.42 8859
Source Flux	2430lm	2	0.84 2215
Fixture Flux	1897lm	3	1.25 984
Efficacy	100lm/W	4	1.67 554
TS1926	I _{max} =3646cd/klm	I _{max}	8859cd 5 2.09 354

MEDIUM WIDE FLOOD

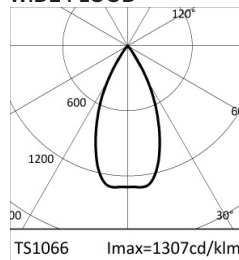


3000K	H(m)	D(m)	Emax(lx)
Ra90		31°	
Fixture Power	19W	1	0.56 5942
Source Flux	2247lm	2	1.12 1485
Fixture Flux	1909lm	3	1.68 660
Efficacy	100lm/W	4	2.24 371
TS1927	I _{max} =2644cd/klm	I _{max}	5942cd 5 2.80 238



4000K	H(m)	D(m)	Emax(lx)
Ra90		31°	
Fixture Power	19W	1	0.56 6426
Source Flux	2430lm	2	1.12 1606
Fixture Flux	2064lm	3	1.68 714
Efficacy	109lm/W	4	2.24 402
TS1927	I _{max} =2644cd/klm	I _{max}	6426cd 5 2.80 257

WIDE FLOOD



3000K	H(m)	D(m)	Emax(lx)
Ra90		48°	
Fixture Power	19W	1	0.90 2922
Source Flux	2247lm	2	1.79 730
Fixture Flux	1852lm	3	2.69 325
Efficacy	97lm/W	4	3.59 183
TS1066	I _{max} =1307cd/klm	I _{max}	2938cd 5 4.48 117



4000K	H(m)	D(m)	Emax(lx)
Ra90		48°	
Fixture Power	19W	1	0.90 3160
Source Flux	2430lm	2	1.79 790
Fixture Flux	2002lm	3	2.69 351
Efficacy	105lm/W	4	3.59 197
TS1066	I _{max} =1307cd/klm	I _{max}	3177cd 5 4.48 126