

Catalog Number	
Notes	Type

FEATURES & SPECIFICATIONS

INTENDED USE — Unique optical design allows set-back of mounting poles away from traffic areas while still delivering exceptional spacing to mounting-height performance.

CONSTRUCTION — Rugged die-cast aluminum housing and doorframe provide strength and corrosion resistance. Single-latch too-less access doorframe available. Large surface-area “breathing seal” polyester gasketing protects reflector and lens from contaminants, maintaining maximum optical efficiency. Munsell grey polyester powder paint finish is electrostatically applied for superior corrosion resistance. Available with or without twist-lock photocontrol receptacle.

ELECTRICAL — Constant wattage autotransformer ballasts are standard (other ballasts available). All electrical systems are 100% factory tested. Three position (L1, L2, N) tunnel-type compression terminal block for supply connection is standard. Super CWA Pulse Start ballasts, 88% efficient and EISA legislation compliant, are required for 250-400W (must order SCWA option) for US shipments only. CSA, NOM or INTL required for probe start shipments outside of the US.

OPTICAL SYSTEMS — Reflectors are high-efficiency hydroformed anodized aluminum delivering precise roadway type III distribution. Lens is available in flat tempered glass or sag glass for maximum spacings. Mogul-based screw shell socket is nickel plated brass and has center-spring contact.

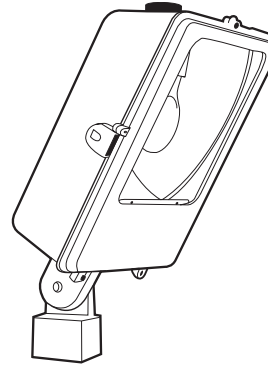
INSTALLATION — Standard product mounts to 2-3/8” tenon and offers adjustable aiming angle. Yoke-mount allowing 360° rotation available.

LISTING — UL listed. CSA listing available

Roadway Lighting – Offset Direct

TDR

200-400W HIGH PRESSURE SODIUM
250-400W METAL HALIDE

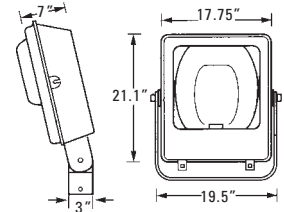


Standard dimensions

(dimensions do not include mounting arm)

TDR EPA: .74 ft² (.07m²)

Weight: 37 lbs. (16.8 kg)



All dimensions are inches unless otherwise noted.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: TDR 200S R3 SLG 120 PER LPI

TDR	R3				
Series	Distribution	Voltage	Ballast Options	Options	
TDR	R3	120	(blank) Constant wattage autotransformer	<u>Shipped installed in fixture</u>	
Wattage/Lamp Source	Lens	208	RNP Reactor normal power factor ²	LPI Lamp included as standard	LSA1 Single lightning surge arrestor
<u>High pressure sodium</u>	FL Flat tempered glass lens, full cutoff	240	RHP Reactor high power factor ²	LPIC Coated lamp included	LSA2 Dual lightning surge arrestor ³
200S	SLG Sag lens glass	277	XNP High reactance (lag)normal pwr factor ²	L/LP Less lamp	SF Single fuse
250S		347	XHP High reactance (lag) high power factor ²	PER NEMA twist-lock receptacle only (photocontrol not included).	DF Double fuse
310S		480	50HZ 50 hertz. Consult factory.	PEU NEMA twist-lock PE	INTL Available for MH probe start shipping outside the U.S.
250/400S		TB1 ¹	MRB Mag Reg ballast	OPS Open plug-in starter	(blank) Gray finish (standard)
400S		TB2 ¹	CWI CWI ballast	ENP Encapsulated plug-in starter	DDB Dark bronze finish
400/250S		TB3 ¹		DPL Distribution pattern label	DBL Black finish
<u>Metal halide</u>				T2P Terminal block-two position wired L1 L2	DWH White finish
250M ⁴				T3P Terminal block-three position wired L1, N, L2	<u>Shipped separately</u>
320M				HSS Stainless steel external hardware	SC Shorting cap for PER option
400M ⁴					



NOTE: For shipments to U.S. territories, SCWA must be specified to comply with EISA.

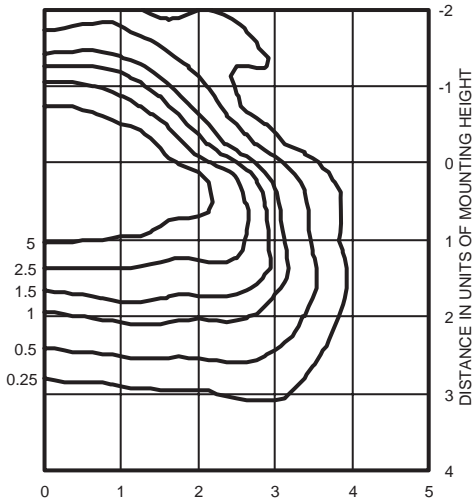
SCWA SCWA pulse-start

NOTES:

- Optional multi-tap ballast (120, 208, 240, 277V). TB prewired to 277V. Others are: 1=120V; 2=208V; 3=240V.
- HPS only.
- Available in 208, 240, 480V only.
- These wattages do not comply with California Title 20 regulations.

TDR High Pressure Sodium, Metal Halide Roadway Lighting

TDR 400S R3 SLG TEST NO: LTL13167R
ISOILLUMINANCE PLOT (Footcandle)



400W high pressure sodium lamp, rated 50000 lumens. Footcandle values based on 20' mounting height.
Classification: Type III, Medium, Cutoff