



FEATURES & SPECIFICATIONS

INTENDED USE — Use for industrial yards, parking lots, construction sites, streets, large signage and recreational areas.

CONSTRUCTION — NEMA heavy-duty construction. Contoured die-cast aluminum housing and front bezel. Bezel is hinged and latched for fast, easy "no-tool" internal access to optical and electrical compartments. Lens is heavy-duty, thermal shock-resistant clear tempered glass with no metal-to-glass contact.

FINISH — Standard finish is dark bronze (DDB) corrosion resistant polyester powder paint.

OPTICAL SYSTEM — Computer designed, precision die-formed specular anodized aluminum reflector provides high efficiencies with vertical or horizontal lamp orientation. Premium one-piece silicone gasket seals optical chamber to inhibit entrance of outside contaminants. Lamp support standard with horizontally lamped 1000W units.

ELECTRICAL SYSTEM — High power factor constant-wattage autotransformer. Ballast is copper-wound and 100% factory-tested. UL 1029 listed. Electrical components are mounted to rear housing for maximum heat dissipation, accessible through front bezel. (For 50 hertz availability, consult factory). Porcelain, vertically or horizontally-oriented, mogul-base socket with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W, 600V.

INSTALLATION — Front bezel "no-tool" latches are easily operable while wearing heavy work gloves. Corrosion-resistant, heavy-duty painted steel mounting yoke.

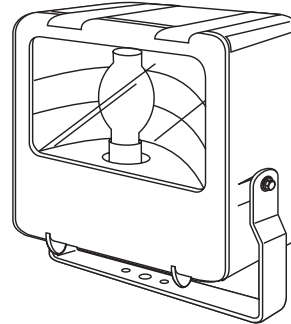
LISTING — UL listed suitable for wet locations. IP65 rated in accordance with standard IEC 529. Listed and labeled to comply with Canadian and Mexican Standards (see Options).

Catalog Number	
Notes	Type

CONTOUR
S E R I E S

Floodlighting

TFA



HIGH PRESSURE SODIUM
250W, 400W, 750W, 1000W,

Overall Height : 22-1/2" (57.2cm)
Width: 22" (55.9cm)
Depth: 9-3/4" (24.8cm)
Weight: 65lbs/29.5 kg
EPA: 2.6

ORDERING INFORMATION

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog numbers (shipped separately).

Example: **TFA 1000S TA TB LPI**

TFA

Series	Wattage /lamp	Distribution	Voltage	Options	
TFA		<u>Horizontal</u>	120	Shipped Installed In Fixture	Architectural textured colors available. Consult your Lithonia Lighting representative.
	250S	TA (7x7)	208³	SF Single fuse (120, 277, 347V) ⁶	
	400S	RN (6x3)	240³	DF Double fuse (208, 240, 480V) ⁶	
	750S	<u>Vertical</u>	277	EC Emergency circuit ^{7,8}	
	1000S¹	RE (4x4) ²	347	QRS Quartz restrike system ^{7,8}	Order as separate catalog number.
		RC (5x5) ²	480³	QRSTD Quartz time delay ^{7,8}	TFAWG Wireguard
		RM (6x5)	TB⁴	CR Enhanced Corrosion-resistance	TFAVG Vandal guard
		RB (6x6)	TBV⁵	CRT Non-stick protective coating ⁹	TFAUV Upper visor ¹³
		TA2 (7x6)		PER NEMA twist-lock receptacle ¹⁰	TFAFV Full visor ¹³
				LPI Lamp included as standard	FTS Tenon slipfitter (2-3/8" to 2-7/8" OD Tenon) ¹¹
				L/LP Less lamp	FCRA Cross-arm adaptor (horizontal) ¹¹
				IS Integral slipfitter (2-3/8" to 2-7/8" OD tenon)	FCRA45 Cross-arm adaptor (45° from horizontal) ¹¹
				CF Charcoal filter	FPMB Pole mounting bracket (includes CRA) ¹¹
				C62 2' 16-3 SEO cord prewired ¹¹	FWPB Wood pole bracket ¹¹
				C42 2' 14-3 SEO cord prewired ¹¹	FRWB Radius wall bracket (available with IS only) ¹⁴
				C22 2' 12-3 S	FSAB Steel angle bracket ¹¹
				EO cord prewired ¹¹	FSPB Steel square pole bracket (for use w/ existing poles) ¹⁴
				TP Tamper proof latches	FCX2 2-light wood pole cross-arm
				CSA Listed and labeled to comply with Canadian Standards ¹²	FCX3 3-light wood pole cross-arm
				NOM Listed and labeled to comply with Mexican Standards (Consult factory)	FCX4 4-light wood pole cross-arm
				Architectural Colors (optional)	FCX2G 2-light wood pole cross-arm (galvanized)
				DNA Natural aluminum	FCX3G 3-light wood pole cross-arm (galvanized)
				DBL Black	FCX4G 4-light wood pole cross-arm (galvanized)
				DSB Steel blue	PE1 NEMA twist-lock photocontrol (120, 208, 240V)
				DMB Medium bronze	PE3 NEMA twist-lock photocontrol (347V)
				DGC Charcoal gray	PE4 NEMA twist-lock photocontrol (480V)
				DTG Tennis green	PE7 NEMA twist-lock photocontrol (277V)
				DBR Bright red	SC Shorting cap for PER option
				DSS Sandstone	
				DWH White	

NOTES:

- 1 Reduced jacketed lamp for vertical distributions
- 2 Not available with 750 or 1000 watt
- 3 Consult factory for availability in Canada
- 4 Optional multi-tap ballast (120, 208, 240, 277V). In Canada 120, 277, 347V; ships as 120/347V.
- 5 Optional 5-tap ballast (120, 208, 240, 277, 480V)
- 6 Not available in multi-tap ballast.
- 7 Lamp not included.
- 8 Quartz lamp wattage not to exceed ballast wattage rating.
- 9 Black finish only.
- 10 Photocell not included.
- 11 Yoke-mount only.
- 12 Not applicable with TBV
- 13 Field modification required unless ordered with fixture.
- 14 Requires IS or FTS

TFA

Contour®

Intended Use

For industrial yards, parking lots, construction sites, streets and recreational areas.

Features

Housing – Heavy-duty construction. Contoured die-cast aluminum housing and front bezel. Bezel hinged and latched for fast, easy tool-less internal access to optical and electrical compartments. Lens is heavy-duty, thermal shock-resistant, clear tempered glass with no metal-to-glass contact. Standard finish is dark bronze (DDB) corrosion-resistant polyester powder.

Optics – Computer-designed, precision die-formed, specular anodized aluminum reflector provides high efficiencies. Premium, one-piece silicone gasket seals optical chamber to inhibit entrance of outside contaminants.

Electrical – High-power factor, constant-wattage autotransformer. Ballast is copper wound and 100% factory tested. UL listed. Electrical components mounted to rear housing for maximum heat dissipation. (For 50 hertz availability, consult factory.)

Installation – Tool-less latches on front bezel can be opened while wearing gloves. Corrosion-resistant, painted steel mounting yoke.

Socket – Porcelain, horizontally or vertically oriented, mogul-base socket with copper alloy, nickel-plated screw shell and center contact.

Listings – UL Listed (standard) (ambient temperature 25°C for 750W and above, 40°C for 400W and below). CSA Certified or NOM Certified (see Options). UL listed for wet locations. IP65 rated in accordance with standard IEC 529.



Example: **TFA 1000M TA TB LPI**

Ordering Information

Designation		Distribution						Voltage	Options/Accessories	
<u>High Pressure Sodium</u>		Horizontal		Vertical				120	<u>Installed</u>	<u>Accessories / shipped separately</u>
TFA 250S	RN TA	RB	RC	RE	TA2	RM	208²	SF Single fuse (120V, 277V, 347V) ⁵	TFAWG Wireguard	
TFA 400S	RN TA	RB	RC	RE	TA2	RM	240²	DF Double fuse (208, 240, 480V) ⁵	TFAVG Vandal guard	
TFA 750S	RN TA	RB	—	—	TA2	RM	277	EC Emergency circuit ^{6,7}	TFAUV Upper visor ¹²	
TFA 1000S	RN TA	RB	—	—	TA2	RM	347	QRS Quartz restrike system ^{6,7}	TFAFV Full visor ¹²	
<u>Metal Halide</u>							480²	QRSTD Quartz time delay ^{6,7}	TFABV Bottom visor	
TFA 250M	RN TA	RB	RC	RE	TA2	RM	TB³	CR Enhanced corrosion resistance	FTS Tenon slipfitter (2 ³ / ₈ " to 2 ⁷ / ₈ " OD tenon) (yoke only)	
TFA 320M¹	RN TA	RB	RC	RE	TA2	RM	TBV⁴	CRT Non-stick protective coating ⁸	FCRA Crossarm adapter (horizontal)	
TFA 350M¹	RN TA	RB	RC	RE	TA2	RM		PER NEMA twist-lock receptacle ⁹	FCRA45 Crossarm adapter (45° from horizontal)	
TFA 400M	RN TA	RB	RC	RE	TA2	RM		LS Lamp support (standard w/ 1000W, TA and RN)		
TFA 750M¹	RN TA	—	—	—	—	—		LPI Lamp shipped as standard	FPMB Wood pole/pipe/wall-mounting bracket (includes FCRA)	
TFA 1000M	RN TA	RB	—	RE	TA2	RM		L/LP Less lamp	FRWB Radius wall bracket ¹³	
Lamp/Fixture/Distribution Data								IS Integral slipfitter (2 ³ / ₈ " to 2 ⁷ / ₈ " OD tenon)	FSPB Steel square pole bracket (for use with existing poles)	
Wattage	Ballast	Lamp Type	Beam Spread H° x V°	NEMA Dist.				CF Charcoal filter		
<u>High Pressure Sodium (mog/clear)</u>										
400	TA	CWA	ET18	140x134	7x7			C62 2' 16-3 SEO cord prewired ¹⁰		
400	RN	CWA	ET18	127x30	6x3			C42 2' 14-3 SEO cord prewired ¹⁰	PE1 NEMA twist-lock photocontrol (120V, 208V, 240V)	
400	TA2	CWA	ET18	138x112	7x6			C22 2' 12-3 SEO cord prewired ¹⁰	PE3 NEMA twist-lock photocontrol (347V)	
400	RB	CWA	ET18	126x106	6x6			TP Tamperproof latches	PE4 NEMA twist-lock photocontrol (480V)	
1000	TA	CWA	E25	139x133	7x7			SCWA Super CWA pulse start ballast (n/a HPS or 1000M)	PE7 NEMA twist-lock photocontrol (277V)	
1000	RN	CWA	E25	127x21	6x2			CSA CSA Certified ¹¹		
1000	TA2	CWA	E25	144x119	7x6			NOM NOM Certified (consult factory)		
1000	RB	CWA	E25	128x114	6x6				SC Shorting Cap	
<u>Metal Halide (mog/clear)</u>										
400	TA	CWA	BT37	143x133	7x7				TM Tenon Mount ¹³	
400	RN	CWA	BT37	129x35	6x3					
400	TA2	CWA	BT37	135x111	7x6					
400	RB	CWA	BT37	124x100	6x6					
1000	TA	CWA	BT56	146x135	7x7					
1000	RN	CWA	BT56	130x45	6x3					
1000	TA2	CWA	BT56	144x119	7x6					
1000	RB	CWA	BT56	126x109	6x6					
For additional options and accessories, see page 484.										

NOTES:

- Must be ordered with SCWA.
- Not available in Canada in 1000W metal halide.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- Optional 5-tap ballast (120V, 208V, 240V, 277V, 480V).
- Not available in multi-tap ballast.
- Lamp not included.
- Quartz lamp wattage not to exceed ballast wattage rating.
- Black finish only.
- Photocell not included.
- Yoke-mount only.
- Not available with TBV.
- Field modification required unless ordered with fixture.
- Requires IS or FTS slipfitter.

Dimensions are shown in **inches (centimeters)** unless otherwise noted.

	TFA
EPA	2.6 ft ² (.24 m ²)
Width	22 (59.9)
Depth	9 ³ / ₄ (24.7)
Height	18 ³ / ₄ (47.6)
Overall height	22 ¹ / ₂ (57.1)
Weight	65 lbs (29.5 kg)

