

PRODUCT INFORMATION

TFA

Contour®



Intended Use

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

Construction

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- and shock-resistant, clear, tempered glass with no metal-to-glass contact.

Finish: Dark bronze polyester powder finish standard. Additional architectural colors available; see www.lithonia.com/archcolors.

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

Electrical components mounted to heavy-gauge

plate to maximize heat dissipation and structural integrity. Ballast: All ballasts are 100% factory tested. Constant wattage autotransformer 250W and above. Super CWA Pulse Start ballasts, 88% efficient and EISA legislation compliant, are required for 250-400W (must order SCWA option) for U.S. shipments only. CSA, NOM or INTL required for probe start shipments outside the U.S.

Socket: Porcelain, horizontally or vertically oriented, mogul-base socket with cop

per alloy, nickel-plated screw shell and center contact. UL Listed 1500W, 600V.

Installation

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

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.



Pulse Start
HID Ballast/Lamp Systems



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: TFA 1000M TA TB LPI

Series	Lamp type ¹		Distribution ¹	Voltage	Ballast	Mounting
TFA	High pressure sodium ²	Metal halide	RN Horizontal	120	(blank) Magnetic ballast	Ships installed
	250S	250M	TA Horizontal	208 ⁵	CWI Constant wattage isolated ⁷	(blank) Yoke (std.)
	400S	320M ⁴	RB Vertical	240 ⁵	SCWA Super CWA ballast	IS Integral slipfitter (2-3/8" OD tenon)
	750S ³	350M ⁴	RC Vertical	277		Ships separately ^{8,9}
	1000S	400M	RE Vertical	347		AFTM Tenon mount
		750M ⁴	RM Vertical	480 ⁵		FRWB Radius wall bracket
		1000M	TA2 Vertical	TB ⁶		FSPB Steel square pole bracket
				23050HZ ⁷		

Options

				Finish	Lamped
Ships installed		C62 2' 16-3 cord prewired ¹²	SC Shorting cap	(blank) Dark bronze	LPI Lamp included
SF Single fuse, 120V, 277V, 347V		CSA Meets Canadian standards	VG Vandal guard ¹³	DBL Black	L/LP Less lamp
DF Double fuse, 208V, 240V, 480V		NOM Meets Mexican standards (consult factory)	WG Wire guard ¹³	DGC Charcoal gray	
EC Emergency circuit ¹⁰		INTL Available for MH probe start shipping outside the U.S.	FV Full visor ^{9,13}	DMB Medium bronze	
QRS Quartz restrike system ¹⁰		Ships separately ⁸	UV Upper visor ^{9,13}	DNA Natural aluminum	
QRSTD Quartz restrike time delay ¹⁰		PE1 NEMA twist-lock PE (120, 208, 240V)	BV Bottom visor ^{9,13}	DWH White	
PER NEMA twist-lock receptacle only ¹¹		PE3 NEMA twist-lock PE (347V)		CR Enhanced corrosion resistance	
C22 2' 12-3 cord prewired ¹²		PE4 NEMA twist-lock PE (480V)		CRT Non-stick protective coating (black)	
C42 2' 14-3 cord prewired ¹²		PE7 NEMA twist-lock PE (277V)			

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

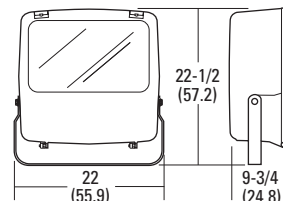
LAMP/FIXTURE DATA

LAMP TYPE	DIST.	CIRCUIT	LAMP SHAPE	BEAM SPREAD H° x V°	NEMA DIST.
400S	TA	CWA	ET18	140 x 134	7 x 7
400S	RN	CWA	ET18	127 x 30	6 x 3
400S	TA2	CWA	ET18	138 x 112	7 x 6
400S	RB	CWA	ET18	126 x 106	6 x 6
1000S	TA	CWA	E25	139 x 133	7 x 7
1000S	RN	CWA	E25	127 x 21	6 x 2
1000S	TA2	CWA	E25	144 x 119	7 x 6
1000S	RB	CWA	E25	128 x 114	6 x 6
400M	TA	CWA	BT37	143 x 133	7 x 7
400M	RN	CWA	BT37	129 x 35	6 x 3
400M	TA2	CWA	BT37	135 x 111	7 x 6
400M	RB	CWA	BT37	124 x 100	6 x 6
1000M	TA	CWA	BT56	146 x 135	7 x 7
1000M	RN	CWA	BT56	130 x 45	6 x 3
1000M	TA2	CWA	BT56	144 x 119	7 x 6
1000M	RB	CWA	BT56	126 x 109	6 x 6

CONFIGURATIONS

SERIES	LAMP TYPE	DISTRIBUTION
TFA	250S, 250M, 320M, 350M, 400S, 400M	RN, TA, RB, RC, TA2, RM
TFA	750M	RN, TA
TFA	750S, 1000S	RN, TA, RB, TA2, RM
TFA	1000M	RN, TA, RB, RE, TA2, RM

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



EPA: 2.6 ft² (0.24 m²)
Max. weight: 65 lbs (29.5 kg)

Notes

- Specify lamp type and distribution. See Configurations table.
- Not available with SCWA.
- Not available in multi-tap ballast.
- Must be ordered with SCWA.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- Consult factory for available wattages.
- May be ordered as an accessory.
- Must specify finish.
- Maximum allowable wattage lamp included.
- Photocell not included.
- Yoke-mount only.
- Prefix with fixture name (e.g., TFAUV).