

Low Bay

TXC

Hi-Tek® Series



Features

Housing: Rugged, heavy-duty, die-cast aluminum with white polyester powder finish. Electrical components are horizontally opposed and heat-sunk to ballast housing for cooler operation.

Ballast: Copper wound and 100% factory tested. Solid-state ignitors are encased and potted (HPS). High power factor, constant-wattage autotransformer. 180°C Class H insulation system. Meets ANSI C82 ballast standards. UL 1029 listed.

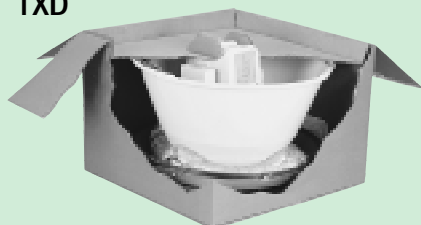
Optics: Injection-molded, virgin acrylic lens and highly reflective, white polyester powder painted reflector. UV stabilized. Hinge and lens retainer latches facilitate removal for maintenance and cleaning. Inhibits entrance of outside contaminants. Meets UL 1572 lamp rupture containment specifications. Optional polycarbonate lens available.

Installation: Pendant splice box threaded for 3/4" conduit (standard). Complete line of mounting options and accessories available.

Listings: UL 1572 listed for damp locations. -30°C to 40°C ambient operations. 55°C available. UL wet location available. Listed and labeled to comply with Canadian Standards.

Socket: Glazed porcelain, vertically oriented socket with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W, 600V, 4KV pulse rated.

TXD



Unitized Distributor Pack

Enclosed Optical, Wide Distribution

Use in areas that require vertical illumination and glare control at low mounting heights. Ideal for general open areas, retail spaces and aisles.

MasterCatalog Number

Example: TXC 400M A23 TB

TXC	400M	A23	TB	
Series	Wattage	Optical	Voltage	Options/Accessories
HIGH PRESSURE SODIUM			120	For options and accessories, see pages 407-415 .
250W TXC 250S ¹		A23	208 ^{2,3}	
400W TXC 400S ¹			240 ^{2,3,6}	
			277	
METAL HALIDE			347	NOTES: 1 TXD consists of TX housing and A23 optical assembly shipped in one carton. Available with tapped ballast or 480V only. To order, change TXC designation to TXD. Available only in wattages indicated. 2 Requires CWI option for 250/400W metal halide. 3 Requires MRB option for 250/400W high pressure sodium in Canada. 4 Metal halide not available in Canada. 5 Optional multi-tap ballast (120, 208, 240, 277V). (120, 277, 347V in Canada.) 6 220 and 240 volt, 50 and 60 hertz ballasts available for use with U.S. metal halide and high pressure sodium lamps.
250W TXC 250M ¹			480 ^{3,4}	
350W TXC 350M				
400W TXC 400M ¹			TB ⁵	

ORDERING/PACKAGING OPTIONS

To accommodate the product's physical configuration as well as a range of customer handling and processing needs, alternative ordering/packaging methods are available.

Example:

(21) TXC 400M A23 TB low bays
can be ordered/packaged as:

1 Standard Packaging (Optimized form)

To order, use single *master* catalog number shown in example above. **Fixtures ship** as multiple components using *optimized* packaging. Example ships as:

(Qty 21) TX 400M TB HSG (21 housing cartons)
(Qty 20) A23LD J4 (5 cartons of 4 reflectors)
(Qty 20) AR23 J4 (5 cartons of 4 lens assemblies)
(Qty 1) A23 U (1 carton of 1 lens/reflector assembly)

2 Component Packaging

To order, specify package multiples you prefer (using component designations from list above). **Fixtures ship** as separate components in package multiples you choose. Example *orders and ships* as:

(Qty 21) TX 400M TB HSG (21 housing cartons)
(Qty 21) A23 U (21 cartons of 1 lens/reflector assembly)

3 Unitized Packaging (single cartons)

To order, change designation TXC to TXD. Example above is ordered as: (21) TXD 400M A23 TB. **Fixtures ship** complete in single cartons. (Example ships as 21 cartons, each with 1 housing and 1 reflector). Models available:

TXD 250S A23 TB TXD 250S A23 480
TXD 400S A23 TB TXD 400S A23 480
TXD 400M A23 TB TXD 400M A23 480

To include lamp in package, add suffix LPI. Example:
TXD 400M A23 TB LPI.

DIMENSIONS

TXCA23

Overall height: 22 (55.9)
Reflector height: 15 1/4 (38.7)
Diameter: 22 3/8 (58.1)

All dimensions are inches (centimeters) unless otherwise specified.

CANADIAN SHIPMENTS: Add CSA as suffix to catalog numbers.

HID lamps available with luminaires. Consult factory. Metal halide luminaires will also operate comparable wattage mercury vapor lamps.

Lamp/Fixture Data

Wattage	Ballast	Weight Lbs. Kg.	S/Mtg. Height
HIGH PRESSURE SODIUM (Mog/Clear)			
250	CWA	23 10	1.7
400	CWA	29 13	1.7
METAL HALIDE (Mog/Clear)			
250	CWA	21 10	1.7
350	CWA	25 11	1.7
400	CWA	25 11	1.7

NOTE:

Optional metal halide, high lumen, pulse-ignition lamp/ballast systems available. See [page 408](#) or consult factory.

TXC

Hi-Tek®



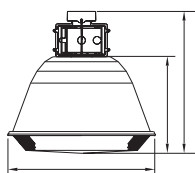
A23

Ordering Information

Series	Wattage	Optical
<u>High Pressure Sodium</u>		
TXC	250S ¹	A23
	400S ¹	A23
<u>Metal Halide</u>		
TXC	175M	A23
	200M	A23
	250M ¹	A23
	300M	A23
	320M	A23
	350M	A23
	400M ¹	A23
	450M	A23

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

TXCA23
Overall height: 22-1/4 (56.5)
Reflector height: 15-1/4 (38.7)
Diameter: 23 (58.4)



Enclosed Aluminum Optical

Intended Use

For areas that require vertical illumination and glare control at low mounting heights. Ideal for general open areas, retail spaces and aisles. **Consult factory for Environmental Compatibility chart.**

Features

Housing – Rugged, heavy-duty, die-cast aluminum with white polyester powder finish. Electrical components horizontally opposed and heat-sunk to ballast housing for cooler operation.

Ballast – Copper wound and 100% factory tested. Solid-state ignitors are encased and potted (HPS). High power factor, constant-wattage autotransformer. 180°C Class H insulation system. Meets ANSI C82 ballast standards. UL listed.

Optics – Injection-molded, virgin acrylic lens and highly reflective, white polyester powder painted reflector. UV stabilized. Hinge and lens retainer latches facilitate tool-less removal for maintenance and cleaning. Inhibits entrance of outside contaminants. Meets UL lamp rupture containment specifications.

Installation – Pendant splice box threaded for 3/4" conduit (standard). Other mounting options available.


Socket – Glazed porcelain, vertically oriented socket with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W, 600V, 4KV pulse rated.

Listings – UL Listed to U.S. and Canadian safety standards. NOM Certified. UL listed for damp locations. -30°C to 40°C ambient operations. 55°C available. UL wet location available.

Example: TXC 400M A23 TB

Due to recent technological enhancements, metal halide lamps and ballasts now provide optimum performance and energy savings. See Lamps & Ballasts, page 587.

Voltage	Options/Accessories
120	See pages 388-399.
208 ^{2,3}	
240 ^{2,3,4}	
277	
347	
480 ^{2,3}	
TB ⁵	
TBV ⁶	
For ordering and packaging options, see page 400.	



Pulse Start H.I.D. Ballast/Lamp System

Pulse Start H.I.D. Ballast/Lamp Systems

Lamp/Fixture Data			
Wattage	Ballast	Weight Lbs. Kg.	S/Mtg. Height
<u>High Pressure Sodium (Mog/Clear)</u>			
250	CWA	23 10	1.6
400	CWA	29 13	1.6
<u>Metal Halide (Mog/Clear)</u>			
250	CWA	21 10	1.7
400	CWA	25 11	1.7

TXD¹

NOTES:

- TXD consists of TX housing and A23 optical assembly shipped in one carton. Available with tapped ballast or 480V only. To order, change TXC designation to **TXD**. Available only in wattages indicated.
- Requires CWI or RLB option in Canada for MH. Available for 175-450W only.
- Requires MRB or CWI option in Canada for HPS, available for 70-400W only.
- 220V and 240V, 50 Hz and 60 Hz ballasts available for use with U.S. metal halide and high pressure sodium lamps.
- Optional multi-tap ballast (120, 208, 240, 277V; 120, 277, 347V in Canada.)
- Optional five-tap ballast (120, 208, 240, 277, 480V). Available for 250, 400 and 1000 MH (CWA only).

Polycarbonate lens: Replace **A** in optical nomenclature with **P** for polycarbonate lens.

HID lamps are available with luminaires. Consult factory. **Metal halide luminaires will operate comparable-wattage mercury vapor lamps.**

SX A23

Intended Use

For areas that require vertical illumination and glare control at low mounting heights. Ideal for general open areas, retail spaces and aisles. Steel ballast housing should be used in areas with minimal airborne contaminants. **Consult factory for Environmental Compatibility chart.**

Features

Housing – Steel housing with white polyester powder coat finish. All electrical components are positioned to assure unit will hang straight. Housing is ventilated for optimal thermal performance.

Ballast – Electronic ballast is 100% factory tested and UL Listed. Ballast will operate pulse start lamps only from 200-277V.

Optics – Injection-molded, virgin acrylic lens and highly reflective, white poly-

ter powder painted reflector. UV stabilized. Hinge and lens retainer latches facilitate tool-less removal for maintenance and cleaning. Inhibits entrance of outside contaminants. Meets UL lamp rupture containment specifications.

Installation – One-piece galvanized hook and spring steel latch with cord and plug is standard. Optional pendant splice box (PSB) threaded for 3/4" conduit also available with mounting options.

Socket – Glazed porcelain, vertically oriented socket with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W, 600V, 4KV pulse rated.

Listings – UL Listed to U.S. and Canadian safety standards. NOM Certified. UL listed for damp locations. -30°C to 40°C ambient operations for 400W metal halide.

NEW



A23

Ordering Information

Series	Wattage	Optical	Voltage	Options/Accessories
Metal Halide			208 240 277 MVOLT ¹	See pages 388-399.
SX	320M 350M 400M	A23 A23 A23		For ordering and packaging options, see page 400.

Pulse Start H.I.D. Ballast/Lamp Systems

Example: **SX 400M A23 MVOLT GEB**

Due to recent technological enhancements, metal halide lamps and ballasts now provide optimum performance and energy savings. See Lamps & Ballasts, page 587.

Lamp/Fixture Data				
Wattage	Ballast	Weight Lbs.	Kg.	S/Mtg. Height
Metal Halide (Mog/Clear)				
400	GEB	12	5.5	1.7

NOTES:

1 Multi-volt electronic ballast capable of operating on any line voltage between 200V and 277V at 50 or 60 Hz (available with GEB option only).

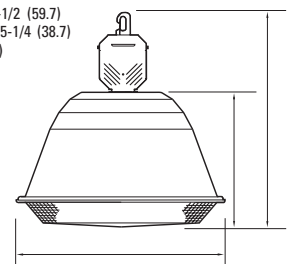
Polycarbonate lens: Replace **A** in optical nomenclature with **P** for polycarbonate lens.

HID lamps are available with luminaires. Consult factory.

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

SXA23

Overall height: 23-1/2 (59.7)
Reflector height: 15-1/4 (38.7)
Diameter: 23 (58.4)



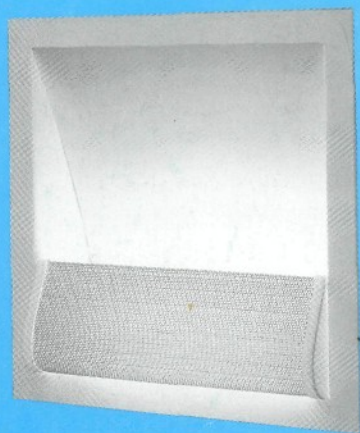
Sconces



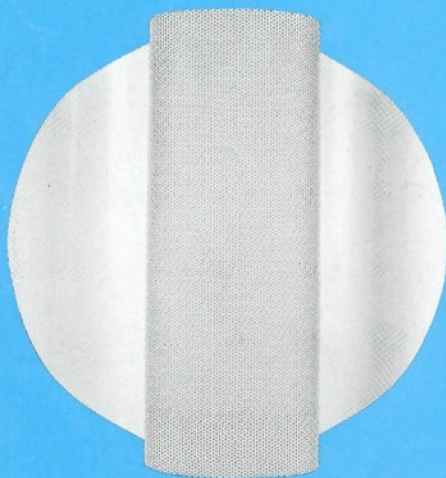
Avante



AVSP



AVSR



AVSC

Decorative Wall Fixtures

Catalog Number

Example: **AVSP 2 13TT 120**

Model number	Number of lamps ¹	Lamp type	Voltage	Options ⁵
AVSP Perforated shield	1, 2 ²	13TT ³	120 120V	ALB Anodized aluminum backplate ³
AVSR Recessed perforated		13DTT ³	277 277V	
AVSC Cylinder		CF18	347 347V	CSA Listed and labeled to comply with Canadian Standards
		26DTT ⁴		
		26TRT ⁴		
		32TRT ⁴		
Diffuser				
		MDR	Metal diffuser, round holes	
		MDM	Metal diffuser, mini slots	

LAMP DESIGNATIONS

Lamp Type	Description
13TT	13W T4 twin-tube, 2-pin, GX23 base
13DTT	13W quad-tube, 2-pin or 4-pin ⁶ , G24 q - 1 base
CF18	18W twin-tube T5
26DTT	26W quad-tube
26TRT	26W tri-tube
32TRT	32W tri-tube

PRODUCT AVAILABILITY

Model Number	Number of Lamps	Lamp Type	Width in.(cm)	Depth in.(cm)	Length in.(cm)
AVSP	2	13TT, 13DTT, 26DTT	10 ¹³ / ₁₆ (27.5)	3 ¹⁵ / ₁₆ (10.0)	10 ¹³ / ₁₆ (27.5)
AVSR	1	CF18, 26DTT 26TRT, 32TRT	14 ³ / ₄ (37.5)	3 ¹⁵ / ₁₆ (10.0)	14 ³ / ₄ (37.5)
AVSC	1	CF18	12 ⁷ / ₈ (32.7)	3 ³ / ₄ (9.5)	13 ³ / ₈ (33.3)

NOTES:

- 1 Lamps not included.
- 2 Two-lamp available on AVSP models only.
- 3 Available on AVSP only.
- 4 Not available on AVSC.
- 5 Consult factory for information on additional options.
- 6 GX23-2 base standard for use with electromagnetic ballast.