



T8A-832P
8 Lamp 32-Watt T8
Adjusted At 25 Degrees
with MIRO 4™ Reflector



T8A-832P Adjusted At 0 Degrees



T8A-832P Adjusted At 25 Degrees



T8A-832P Adjusted At 45 Degrees

Himax® T8A Adjustable

Energy Efficiency. Improved Vision.

4, 6 & 8 Lamp 32-Watt T-8
High-Bay or Low-Bay Fixture



Energy Efficiency and Improved Vision For High/Low Bay Applications

Features What HID's Can't Do

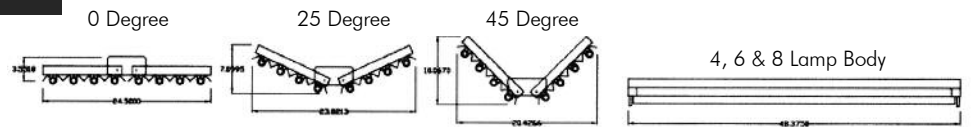
- s Over 50% Energy Savings Over Standard HID Fixtures
- s 24,000+ Hour Lamp Life
- s 90% Maintained Light Output (Most Standard Metal Halide = 49%)
- s Instant On, Instant Restrike, No Color Shift, No Flicker, Even Light Distribution
- s Occupancy Sensors Available For Energy-Saving 'Lights Out' When Area Is Unoccupied
- s Simple, Tool-less Maintenance / Access To Components & Wireway
- s AEI Fluorescent Fixtures Have A Higher CRI Than HID Fixtures Enabling Superior Visual Comfort & Yielding Greater Energy Savings.

Specifications

- HOUSING:** .040 aluminum housing standard. Properly vented housing keeps ballast cool. Lamps separated from ballast for longer component life. Consult AEI for application assistance on your project.
- REFLECTIVE:** Highly specular MIRO 4™ aluminum reflector available on all models. High-bay (HB) or Low-Bay (LB) optics available depending upon application.
- ELECTRICAL:** Wired per specified voltage using electronic ballast rated for 75°C. The T8A-832, T8A-632 & T8A-432 are LISTED for dry & damp locations. The FO32/800XL lamp is rated at 24,000+ hours.
- MOUNTING:** The HIMAX T8A-832, T8A-632 and T8A-432 fixtures are designed for simple chain or pendant installation.
- INPUT WATTS:** For updated and detailed input watts, log onto www.aeilighting.com.

Cross Sections

Cross section dimensions are for the 8-lamp unit only. Subtract 6 inches from width dimensions for the 6-lamp unit & 12 inches for the 4-lamp unit.



Ordering Guide

Dimensions are subject to change without notice. For detailed cross section dimensions, log onto www.aeilighting.com.

Fixture Model	Lamp Wattage 32=32 Watts	Lens NL=No Lens	Voltage UNI=120/277 12=120V 27=277V	Lamp Color 35=3500 K 41=4100 K 50=5000 K NL=No Lamps	Options WR=White Reflectors HUB=3/4 Cast Hub OC=Factory Installed Sensor WG=Wireguard CP=Cord & Plug VH=V Hooks HK=Hook GPL=Grippler Mounting
T8A	8	P	27	41	HK
	Lamps 4=4 Lamps 6=6 Lamps 8=8 Lamps	Mounting P=Pendant/Chain	Ballast Type NP=Normal Instant Start LP=Low Power Instant Start HP=High Power Instant Start PS= Programmed Start (Use with OC)		

STC WAREHOUSE
Can Storage Facility



With AEI's T5A-8L
25 Degrees





Get T8 Light Levels With Adjustability For High/Low Bay Applications

Option Details

REFLECTORS

This fixture comes standard with highly specular Alanod MIRO 4™ reflectors with a 25-year warranty. White reflectors available as an option.

WIRE GUARD

The wire guard is made of durable 10-gauge wire welded and post powder coated white with 2"x2" pattern openings. Other styles available.

LENS FRAME

This fixture does not come standard with a lens frame. Consult AEI for lens options on the T8A Adjustable.

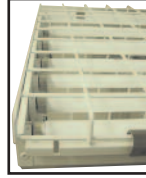
EMERGENCY BALLAST

Emergency ballast for this fixture needs to be back mounted. Standard ballast for T8 lamps is 700 lumens.

GRIPPLE[®] MOUNTING

Gripple suspension system for loop, stud and single or double toggle Y-fit mountings. See AEI website for full instructions on Gripple mounting.

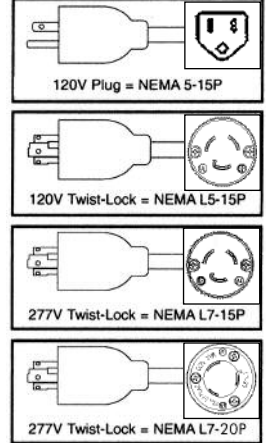
Wire Guard



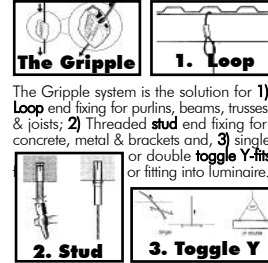
Hook V-Hooks



Standard Cord & Plugs



Gripple Mounting



The Gripple system is the solution for 1) Loop end fixing for purlins, beams, trusses & joists; 2) Threaded stud end fixing for concrete, metal & brackets and, 3) single or double toggle Y-fits or fitting into luminaire.

Standard Cord Length Is 6'

Photometry Information

LUMEN SUMMARY (at 0-degrees)

ZONE	LUMENS	%LAMP	%FIXTURE	ZONE
0-30	11743.	39.1	37.3	90-120
0-40	17497.	58.3	55.6	90-130
0-60	27006.	90.0	85.8	90-150
0-90	31479.	104.9	100.0	90-180

Total Luminaire = 0-180, Lumens=31479, %Lamp=104.9, %Fixture=100.0

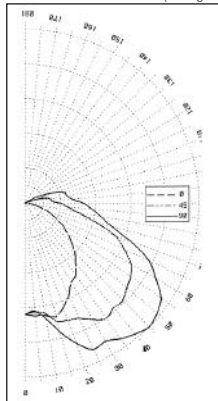
IES Spacing Criteria: End=1.2, Diagonal=1.1, Cross=.9

AEI Fixture Tested: T8A-632P Lamp Type: F32T8/835 Lamp Quantity: 6

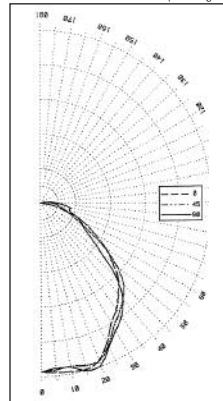
CANDLEPOWER DISTRIBUTION (at 0-degrees)

VERTICAL ANGLE	HORIZONTAL ANGLE				ZONAL LUMENS
	0	22.5	45	67.5	
0	15716.	15716.	15716.	15716.	15716.
5	15685.	15742.	15183.	15884.	15841.
10	15884.	15997.	15997.	15756.	15586.
15	15813.	15954.	15388.	14963.	14808.
20	15889.	15860.	14813.	14133.	13723.
25	14298.	13987.	12925.	11339.	10617.
30	13038.	12373.	10490.	8508.	8111.
35	12146.	11283.	8437.	7305.	7092.
40	11169.	10008.	6851.	6285.	6200.
45	10334.	8508.	5846.	5662.	5521.
50	8777.	6299.	4855.	4416.	4232.
55	7573.	4714.	4048.	3765.	3921.
60	6115.	3525.	3015.	3539.	3638.
65	4827.	2675.	2718.	2859.	2774.
70	3553.	1868.	2151.	1911.	1826.
75	2265.	1344.	1245.	976.	891.
80	1175.	778.	467.	254.	212.
85	325.	184.	56.	28.	28.
90	0.	0.	0.	0.	0.

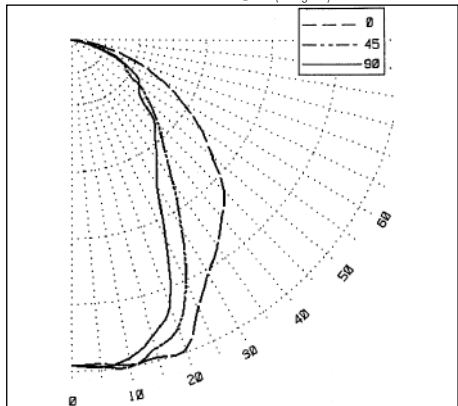
POLAR PLOT (45-degrees)



POLAR PLOT (22.5-degrees)



POLAR PLOT (0-degrees)



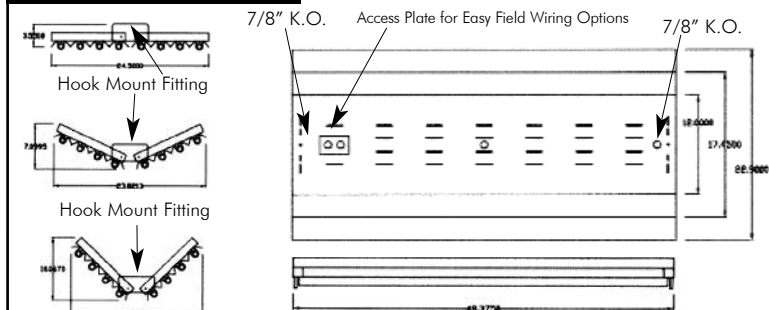
ZONAL CAVITY COEFFICIENTS

EFFECTIVE FLOOR CAVITY REFL. = .20

CEILING Wall RCR	70			50			30			10			0	
	70	50	30	70	50	30	70	50	30	70	50	30	10	
0	1.25	1.25	1.25	1.22	1.22	1.22	1.17	1.17	1.17	1.12	1.12	1.12	1.07	1.07
1	1.17	1.13	1.09	1.14	1.10	1.07	1.06	1.03	1.01	1.02	1.00	.98	.98	.96
2	1.08	1.01	.95	1.05	.99	.93	.89	.95	.91	.92	.88	.85	.89	.86
3	1.00	.91	.83	.98	.89	.82	.77	.86	.80	.76	.75	.75	.81	.77
4	.93	.82	.74	.90	.80	.73	.67	.78	.71	.66	.76	.70	.65	.63
5	.85	.73	.65	.83	.72	.64	.58	.70	.63	.58	.68	.62	.57	.55
6	.79	.66	.58	.77	.66	.58	.52	.64	.57	.51	.62	.56	.51	.49
7	.73	.60	.52	.72	.60	.52	.46	.58	.51	.46	.57	.50	.45	.43
8	.68	.55	.46	.66	.54	.46	.41	.53	.45	.40	.51	.45	.40	.38
9	.63	.50	.41	.61	.49	.41	.36	.48	.41	.36	.47	.40	.35	.33
10	.59	.45	.37	.57	.45	.37	.32	.44	.37	.32	.43	.36	.32	.30

Questions? Consult AEI for 24/7 applications assistance at apps@aeilighting.com.

Installation



AEI Fixtures are protected by one or more of the following patents: 5,727,871, 6,059,424 and 6,450,668