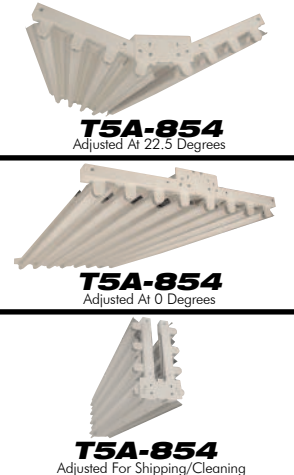


T5A-654 - 6-Lamp, 54-Watt=30,000 Lumens
 T5A-854 - 8-Lamp, 54-Watt=40,000+ Lumens

T5A-854 (8-Lamp)
 Adjusted At 45 Degrees
 For High Bay/Aisle Applications



T5A-854
 Adjusted At 22.5 Degrees

T5A-854
 Adjusted At 0 Degrees

T5A-854
 Adjusted For Shipping/Cleaning

Himax®

Energy Efficiency. Improved Vision.


T5A-654 T5A-854

6- or 8-Lamp 54-Watt T5 Adjustable Fixtures





Get T5HO Light Levels With Adjustability For High/Low Bay Applications

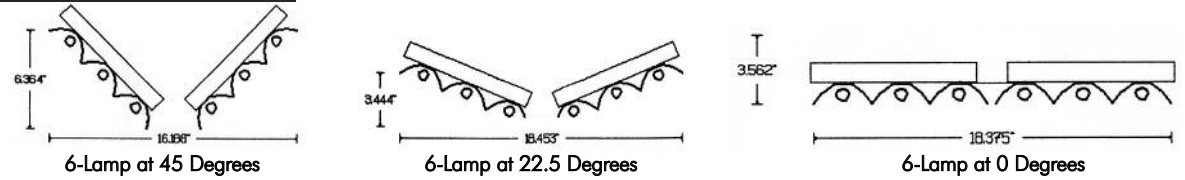
Features What HID's Can't Do

- s Over 50% Energy Savings Over Standard HID Fixtures
- s 20,000+ Hours Of 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 Locking, Push-Button Adjustability at 0, 22.5, 45 & 90-Degrees Enables An Array Of Lighting Options
- s Occupancy Sensors  Available For Energy-Saving 'Lights Out' When Area Is Unoccupied
- s Simple, Tool-less Maintenance With A Center Wireway
- s AEI Fluorescent Fixtures Have A Higher CRI Than HID Fixtures Enabling Superior Visual Comfort & Yielding Greater Energy Savings.

Specifications

- HOUSING:** Aluminum housing standard. 22-gauge steel body option available with post powdercoating for high reflectivity and durability.
- REFLECTIVE:** Highly specular MIRO 4™ aluminum reflector standard on all models
- ELECTRICAL:** Wired per specified voltage using electronic ballast rated for 90 C°. The T5A-654 and T5A-854 are  LISTED  for dry & damp locations. The 54-W T5 HO lamp has a 20,000+ hour rated life.
- MOUNTING:** The HIMAX T5A-654 & T5A-854 are designed to be Pendant/Hook or Chain hung.
- INPUT WATTS:** 54-Watt, Total Input Watts=350 (6-Lamp), 450 (8-Lamp)
- Input wattages may vary and are subject to change without notice. For updated and detailed input wattages log onto www.aeilighting.com.

Cross Section



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

Ordering Guide

Fixture Model HB=High-Bay LB=Low-Bay	Lamp Wattage 54=54 Watts	Lamp Color 35=3500 K 41=4100 K 50=5000 K NL=No Lamps	Options HUB=3/4 Cast Hub CRS=22-Gauge Steel Housing OC=Factory Installed Sensor WG=Wireguard CP=Cord & Plug VH=V Hooks HK=Hook GPL=Gripple Mounting
T5A	54	41	HK
	8 Lamps 6=6 Lamps 8=8 Lamps	27 Voltage 12=120 VAC 27=277 VAC 48=480VAC UNI=120/277	
		P Mounting P=Pendant/Chain	

STC WAREHOUSE
Can Facility





Get T5HO Light Levels With Adjustability For High/Low Bay Applications

Option Details

REFLECTORS

This fixture comes with highly specular Alanoed MIRO 4^M reflectors with a 25-year warranty.

EMERGENCY BALLAST

Emergency ballast for this fixture needs to be back mounted -- consult factory for details. Standard ballast used for T5 lamps is 1300 lumens.

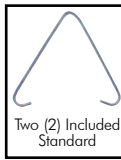
GRIPPLE[®] MOUNTING

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

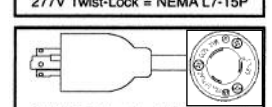
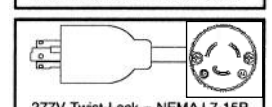
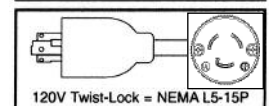
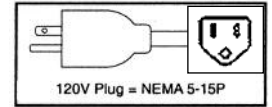
Hook



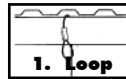
V-Hooks



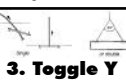
Standard Cord & Plugs



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 for fitting into luminaire.



Standard Cord Length Is 6'

Photometry Information

AEI Fixture Tested: T5A-654 Lamp Type: FP54WT5HO/835 Lamp Quantity: 6

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

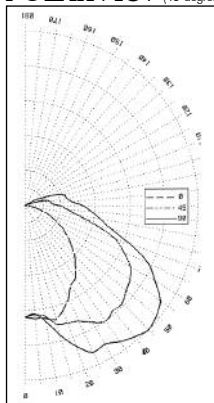
Total Luminaire = 0-180, Lumens=31479, %Lamp=104.9, %Fixture=100.0

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

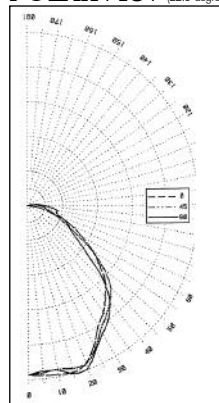
CANDLEPOWER DISTRIBUTION (at 0-degrees)

VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0	22.5	45	67.5	90	
0	15716.	15716.	15716.	15716.	15716.	
5	15685.	15742.	15183.	15884.	15841.	1508.2
10	15884.	15997.	15997.	15756.	15586.	
15	15813.	15954.	15388.	14963.	14808.	4366.5
20	15889.	15860.	14813.	14133.	13723.	
25	14298.	13987.	12925.	11339.	10617.	5867.8
30	13038.	12373.	10490.	8508.	8111.	
35	12146.	11283.	8437.	7305.	7092.	5754.9
40	11169.	10008.	6851.	6285.	6200.	
45	10334.	8508.	5846.	5662.	5521.	5410.2
50	8777.	6299.	4855.	4416.	4232.	
55	7573.	4714.	4048.	3765.	3921.	4098.7
60	6115.	3525.	3015.	3539.	3638.	
65	4827.	2675.	2718.	2859.	2774.	2990.9
70	3553.	1868.	2151.	1911.	1826.	
75	2265.	1344.	1245.	976.	891.	1360.2
80	1175.	778.	467.	254.	212.	
85	325.	184.	56.	28.	28.	121.2
90	0.	0.	0.	0.	0.	

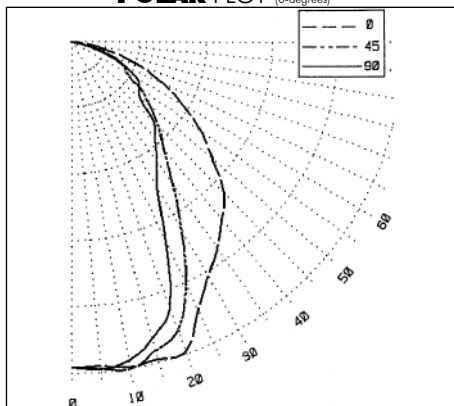
POLAR PLOT (45-degrees)



POLAR PLOT (22.5-degrees)



POLAR PLOT (0-degrees)



ZONAL CAVITY COEFFICIENTS

EFFECTIVE FLOOR CAVITY REFL. = .20

CEILING Wall RCR	80			70			50			30			10			0		
	70	50	30	10	70	50	30	10	50	30	10	50	30	10				
0	1.25	1.25	1.25	1.25	1.22	1.22	1.22	1.22	1.17	1.17	1.17	1.12	1.12	1.12	1.07	1.07	1.07	1.05
1	1.17	1.13	1.09	1.06	1.14	1.10	1.07	1.04	1.06	1.03	1.01	1.02	1.00	.98	.98	.96	.95	.93
2	1.08	1.01	.95	.90	1.05	.99	.93	.89	.95	.91	.87	.92	.88	.85	.89	.86	.83	.81
3	1.00	.91	.83	.78	.98	.89	.82	.77	.86	.80	.76	.83	.79	.75	.81	.77	.73	.71
4	.93	.82	.74	.68	.90	.80	.73	.67	.78	.71	.66	.76	.70	.65	.73	.69	.65	.63
5	.85	.73	.65	.59	.83	.72	.64	.58	.70	.63	.58	.68	.62	.57	.66	.61	.57	.55
6	.79	.66	.58	.52	.77	.66	.58	.52	.64	.57	.51	.62	.56	.51	.60	.55	.51	.49
7	.73	.60	.52	.46	.72	.60	.52	.46	.58	.51	.46	.57	.50	.45	.55	.49	.45	.43
8	.68	.55	.46	.41	.66	.54	.46	.41	.53	.45	.40	.51	.45	.40	.50	.44	.40	.38
9	.63	.50	.41	.36	.61	.49	.41	.36	.48	.41	.36	.47	.40	.35	.46	.40	.35	.33
10	.59	.45	.37	.32	.57	.45	.37	.32	.44	.37	.32	.43	.36	.32	.42	.36	.32	.30

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

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

