



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

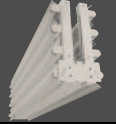
**T5A-854 (8-Lamp)**  
 Adjusted At 45 Degrees  
 For High Bay/Aisle Applications



**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





A ■ E ▲ I

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

#### Features What HID's Can't Do

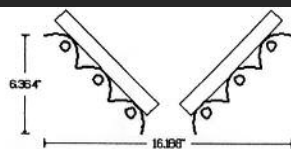
- s Over 50% Energy Savings Over Standard HID Fixtures
- s 20,000+ Hours Of Lamp Life
- s 90% Maintained Light Output (Most Standard Metal Halide = 49%)
- s Instant On, Instant Restrike, No Color Shift, No Flicker, Even Light Distribution
- s Locking, Push-Button Adjustability at 0, 22.5, 45 & 90-Degrees 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

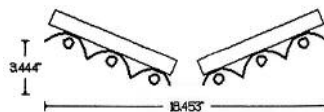
- HOUSING:** Aluminum housing standard. 22-gauge steel body option available with post powdercoating for high reflectivity and durability.
- REFLECTIVE:** Highly specular MIRO 4™ aluminum reflector standard on all models
- ELECTRICAL:** Wired per specified voltage using electronic ballast rated for 90 C°. The T5A-654 and T5A-854 are  UL 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](http://www.aeilighting.com).

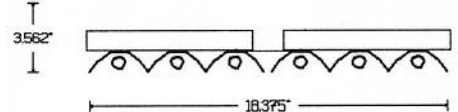
#### Cross Section



6-Lamp at 45 Degrees



6-Lamp at 22.5 Degrees



6-Lamp at 0 Degrees

Dimensions are subject to change without notice. For updated and detailed cross section dimensions, log onto [www.aeilighting.com](http://www.aeilighting.com).

#### Ordering Guide

Fixture Model  
 HB=High-Bay  
 LB=Low-Bay

**T5A**

**8**

Lamps  
 6=6 Lamps  
 8=8 Lamps

Lamp Wattage  
 54=54 Watts

**54**

**P**

Mounting  
 P=Pendant/Chain

**27**

Voltage  
 12=120 VAC  
 27=277 VAC  
 48=480VAC  
 UNI=120/277

Lamp Color  
 35=3500 K  
 41=4100 K  
 50=5000 K  
 NL=No Lamps

**41**

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

**HK**





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

### Option Details

#### REFLECTORS

This fixture comes with highly specular Alano®d MIRO 4<sup>M</sup> 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.

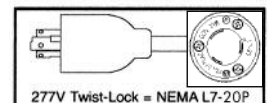
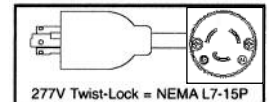
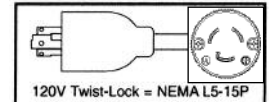
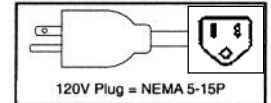
#### Hook



#### V-Hooks

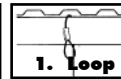


#### Standard Cord & Plugs

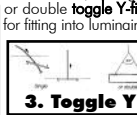
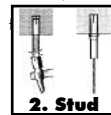


Standard Cord Length Is 6'

#### 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.



### 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

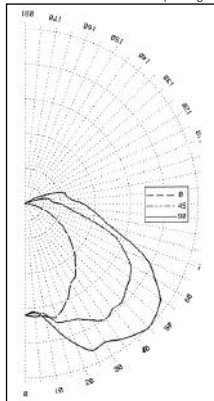
Total Luminaire = 0-180, Lumens=31479, %Lamp=104.9, %Fixture=100.0

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

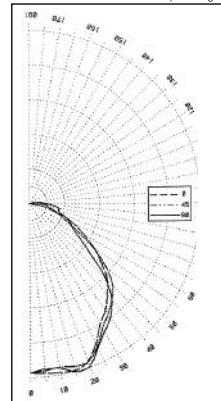
#### CANDLEPOWER DISTRIBUTION (at 0-degrees)

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.	

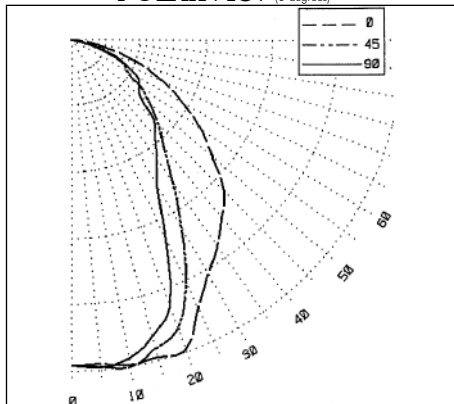
#### POLAR PLOT (45-degrees)



#### 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	50	30	10	0			
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](mailto: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

