



# Elite Series High Bay Specifications

## High Bay Industrial Luminaires

- An Energy Saving Alternative to HID High Bay Systems

TYPE : \_\_\_\_\_

JOB DESCRIPTION : \_\_\_\_\_

### Features and Benefits

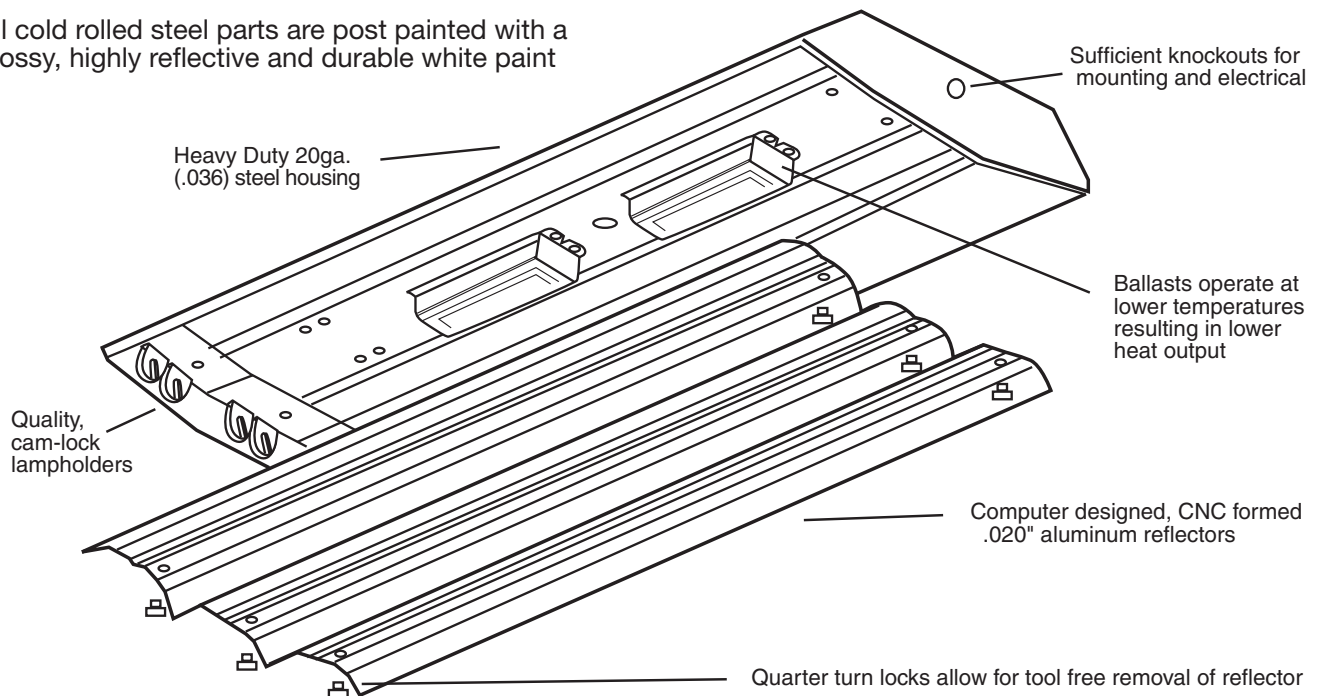
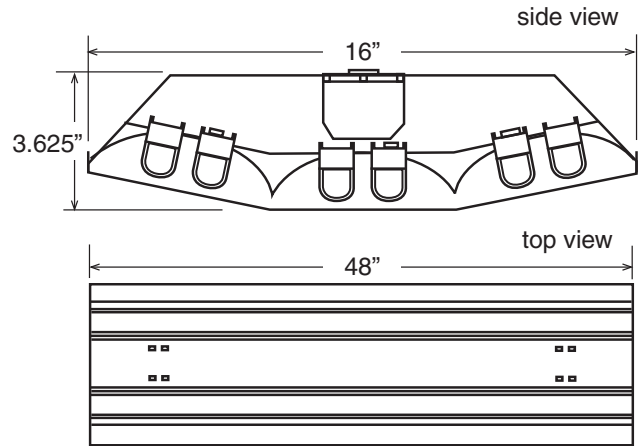
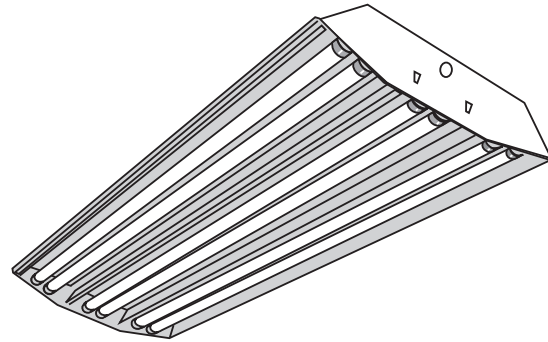
- Operates Six, Energy Efficient, 54 watt T5 lamps
- Choice of 95% Specular Enhanced Aluminum Reflector
- Superior Light Quality, Maximum Photometric Efficiency
- Higher CRI
- Improved Uniform Illumination
- No Tools Required for Lamp and Ballast Access

### Applications

- Designed for Suspended, Surface or Pendant Mounting
- Replace HID Lighting with Energy Efficient T5 Lamps
- Ideal for Industrial, Open and Stack Aisle Applications
- Available Ballast Factors Include Normal and High
- Options Include Wire Guard, Adjustable Hanging Kit and Power Cord

### Construction

All cold rolled steel parts are post painted with a glossy, highly reflective and durable white paint





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## Photometric Report 1 x 4 Elite, 6-54W T5, 95% Miro 4 Reflector

TCP Elite Luminaire with Miro 4 reflector, 6-54W T5 lamps, lumen rating 5000 LMS, and one Universal B454PUNV-E and one B254PUNV-E electronic ballast operating at 120VAC and 330.5 Watts.

### Photometric Report

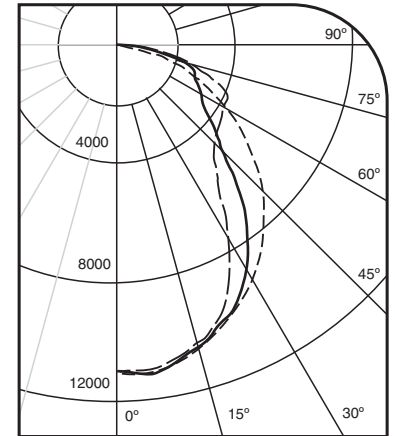
Efficiency (total)	0.9
Spacing Criterion (0-Deg)	1.2
Spacing Criterion (90-Deg)	1.2

### Average Luminance (Candelas / Square Meter)

Angle	0	22.5	45.0	67.5	90
0	11024	11024	11024	11024	11024
45	6953	6780	5028	4612	4659
55	5201	4572	3571	4081	4329
65	3339	2369	3044	3830	4156
75	1555	1485	2345	2593	2640
85	141	574	848	1061	1116

### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt
0-30	8380	27.9	30.4
0-40	13059	43.5	47.4
0-60	21182	70.6	76.9
0-90	27476	91.6	99.8
90-120	68	0.2	0.2
90-130	68	0.2	0.2
90-150	68	0.2	0.2
90-180	68	0.2	0.2
0-180	27544	91.8	100.0



Legend: 0° = - - - - | 45° = \_\_\_\_\_ | 90° = - - - -

### Coefficient of Utilization Table Effective Floor Cavity Reflectance = 20%

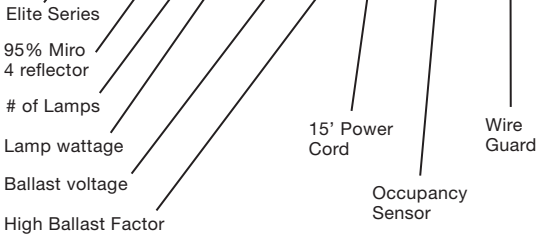
Pcc.. Pw... RCR	80				70				50				30				10			
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0		
0	1.09	1.09	1.09	1.09	1.07	1.07	1.07	1.07	1.02	1.02	1.02	0.98	0.98	0.98	0.93	0.93	0.93	0.92		
1	0.99	0.95	0.91	0.87	0.97	0.93	0.89	0.86	0.89	0.86	0.83	0.85	0.83	0.80	0.82	0.80	0.78	0.76		
2	0.90	0.83	0.76	0.71	0.88	0.81	0.75	0.70	0.78	0.73	0.68	0.75	0.70	0.67	0.72	0.68	0.65	0.63		
3	0.83	0.73	0.65	0.59	0.80	0.71	0.64	0.59	0.69	0.63	0.58	0.66	0.61	0.57	0.64	0.59	0.56	0.54		
4	0.76	0.65	0.57	0.51	0.74	0.64	0.56	0.50	0.61	0.55	0.49	0.59	0.53	0.49	0.57	0.52	0.48	0.46		
5	0.70	0.58	0.50	0.44	0.68	0.57	0.49	0.44	0.55	0.48	0.43	0.53	0.47	0.43	0.52	0.46	0.42	0.40		
6	0.65	0.53	0.44	0.39	0.63	0.52	0.44	0.38	0.50	0.43	0.38	0.48	0.42	0.38	0.47	0.42	0.37	0.35		
7	0.60	0.48	0.40	0.34	0.59	0.47	0.40	0.34	0.46	0.39	0.34	0.44	0.38	0.34	0.43	0.38	0.33	0.32		
8	0.56	0.44	0.36	0.31	0.55	0.43	0.36	0.31	0.42	0.35	0.31	0.41	0.35	0.30	0.40	0.34	0.30	0.28		
9	0.53	0.40	0.33	0.28	0.51	0.40	0.33	0.28	0.39	0.32	0.28	0.38	0.32	0.28	0.37	0.31	0.27	0.26		
10	0.49	0.37	0.30	0.26	0.48	0.37	0.30	0.25	0.36	0.30	0.25	0.35	0.29	0.25	0.34	0.29	0.25	0.23		

## Ordering Information

Fixture Series	Reflector	# Lamps	Lamp Watts	Voltage	Ballast	Option Suffix	Description (Items shipped as part of fixture)
F14EC	EA - 95% Miro 4	6	54	347	H - High	1P	120V, 15A, 6' Power cord w/ 5-15 straight blade plug
		4		480	N - Normal	2P	120V, 15A, 8' Power cord w/ 5-15 straight blade plug
						3P	120V, 15A, 20' Power cord w/ 5-15 straight blade plug
						4P	120V, 15A, 8' Power cord w/ L5 twist lock plug
						5P	120V, 20A, 10' Power cord w/ 5-20 straight blade plug
						6P	120V, 20A, 10' Power cord w/ L5-20 twist lock plug
						7P	277V, 20A, 8' Power cord w/ 7-20 straight blade plug
						8P	277V, 10A, 5' Power cord w/ OCS plug
						9P	277V, 10A, 10' Power cord w/ OCS plug
						10T	277V, 20A, 20' Power cord w/ 7-20 straight blade plug
						11T	277V, 15A, 6' Power cord w/ L7 twist lock plug
						12T	277V, 15A, 10' Power cord w/ L7 twist lock plug
						13T	277V, 15A, 15' Power cord w/ L7 twist lock plug
						14T	277V, 20A, 6' Power cord w/ L7 twist lock plug
						15T	277V, 20A, 10' Power cord w/ L7 twist lock plug
						16T	277V, 20A, 20' Power cord w/ L7 twist lock plug
						17T	277V, 20A, 20' Power cord w/ L7 twist lock plug
						18T	277V, 20A, 20' Power cord w/ L7 twist lock plug
						19T	277V, 20A, 20' Power cord w/ L7 twist lock plug
						20T	277V, 20A, 20' Power cord w/ L7 twist lock plug
						21T	120V/277V, 6' Power cord only. No plug
						22T	120V/277V, 10' Power cord only. No plug
						23T	120V/277V, 20' Power cord only. No plug
						24T	120V Exterior fuse
						25T	277V Exterior fuse
						26T	Occupancy sensor w/ bracket, mounting height 15'+
						27T	Photocell only w/ bracket
						28T	Occupancy / Photocell Sensor w/ bracket > 15'
						29T	Occupancy sensor w/ bracket, > 15', High humidity
						30T	Occupancy sensor w/ bracket, mounting height <15'
						31T	Occupancy / Photocell Sensor w/ bracket, 15'
						32T	Occupancy sensor w/ bracket, 15', High humidity
						33T	Wire guard
						34T	Acrylic lens
						35T	Single packaging (in boxes) Bulk Pack is Standard
						36T	Emergency Ballast 400 LMS 90 min. (1 Lamp)
						37T	Emergency Ballast 550 LMS 120 min. (1 Lamp)
						38T	Emergency Ballast 550 LMS 90 min. (1 Lamp)
						39T	Emergency Ballast 650 LMS 90 min. (1 Lamp)
						40T	Emergency Ballast 1350 LMS 90 min. (1 or 2 Lamps)
						41T	F54T5HO/830 Lamps installed in fixture - Bulk Pack Only
						42T	F54T5HO/835 Lamps installed in fixture - Bulk Pack Only
						43T	F54T5HO/841 Lamps installed in fixture - Bulk Pack Only
						44T	F54T5HO/850 Lamps installed in fixture - Bulk Pack Only
						45T	F54T5HO/865 Lamps installed in fixture - Bulk Pack Only

Sample ordering code:

**F14ECEA654UNIH2POS6WG**



Base Fixture Item Number

Options

### Optional Accessories

Item Number	Description (Shipped as separate items)
EZHANGER	15' Heavy duty adjustable cable hanging kit
12PENDANTKIT	Pendant mounting kit for 1/2" pendant
34PENDANTKIT	Pendant mounting kit for 3/4" pendant
LHKM	Cast Hook (only) Male
LHKIT	Single Point Mounting Kit (Cast hook, chains, S-hooks)