



Elite Series High Bay Specifications

High Bay Industrial Luminaires

- An Energy Saving Alternative to HID High Bay Systems

TYPE : _____

JOB DESCRIPTION : _____

Features and Benefits

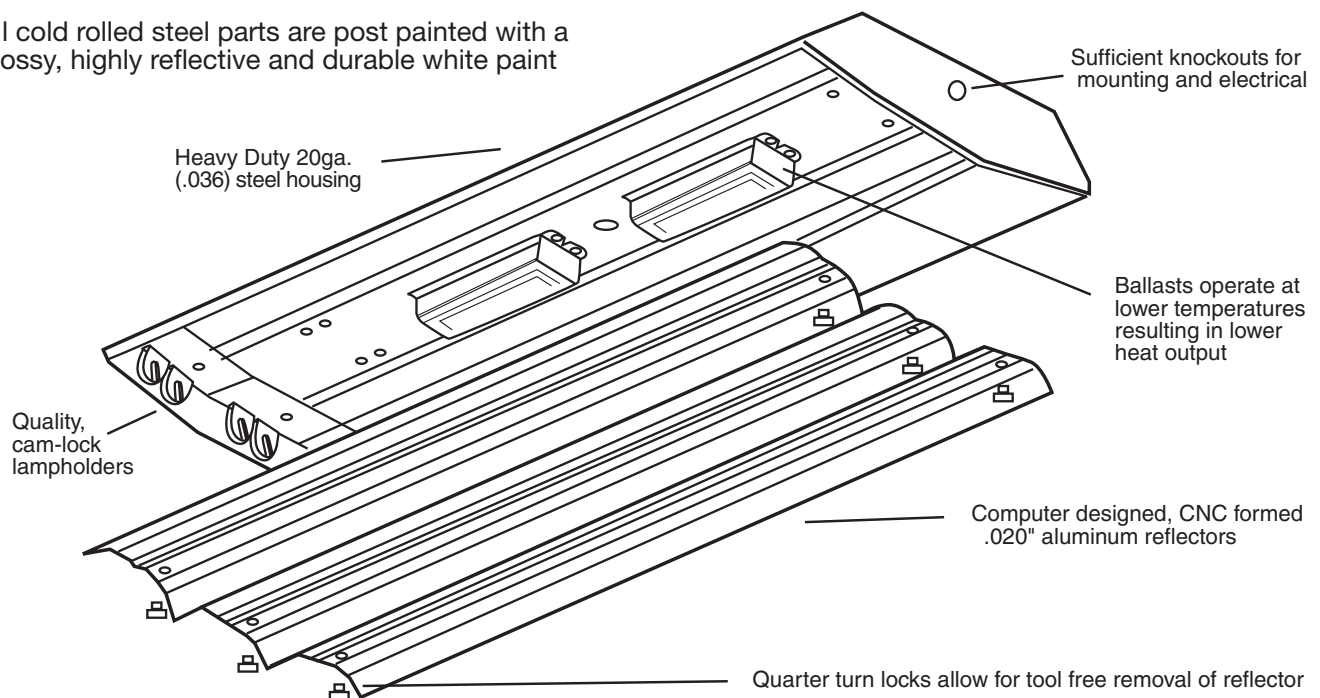
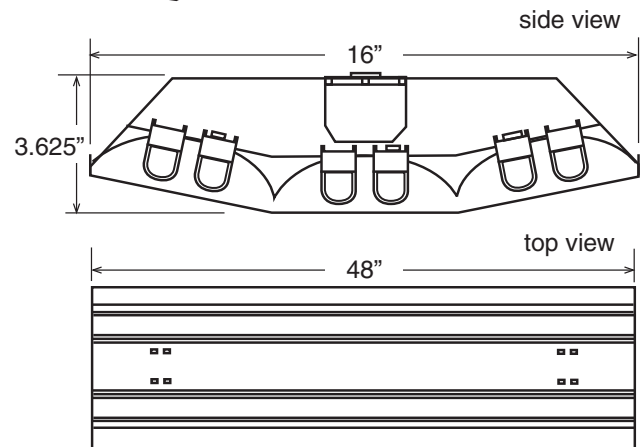
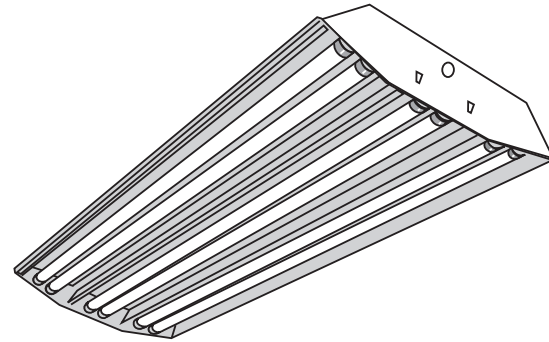
- Operates 4 or 6, Energy Efficient, 32 watt T8 lamps
- Choice of 95% Specular Enhanced Aluminum Reflector or 92% Diffused White Reflector
- Superior Light Quality, Maximum Photometric Efficiency
- Higher CRI
- Improved Uniform Illumination
- No Tools Required for Lamp and Ballast Access

Applications

- Designed for Suspended, Surface or Pendant Mounting
- Available with Uplight Option
- Replace HID Lighting with Energy Efficient T8 Lamps
- Ideal for Industrial, Open and Stack Aisle Applications
- Available Ballast Factors Include Low, Normal and High
- Options Include Wire Guard, Acrylic Lens, Adjustable Hanging Kit and 120V or 277V 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, 6-32 w , 95% Miro 4 Reflector

TCP Elite Luminaire with Miro 4 reflector, 6-32 W lamps, lumen rating 3000 LMS, and two TCP E32IS32120H electronic ballasts operating at 277 VAC and 218 watts

Photometric Report

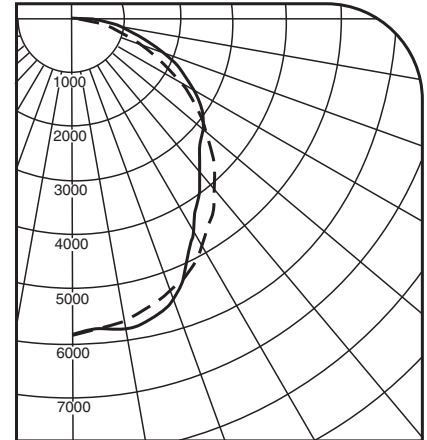
Efficiency (total)	0.9
Spacing Criterion (0-Deg)	1.2
Spacing Criterion (90-Deg)	1.2

Average Luminance (Candelas / Square Meter)

Angle	0	22.5	45.0	67.5	90
0	11690	11690	11690	11690	11690
45	10302	10394	8894	8724	8832
55	9530	8858	8150	8991	9351
65	8264	7418	8332	8963	9231
75	6283	6598	7667	8571	8865
85	1535	4315	6182	7427	7947

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	4528.3	25.2	27.2
0-40	7262.7	40.3	44.3
0-60	12455.7	69.2	76.0
60-90	3805.2	21.1	23.2
0-90	16260.9	90.3	99.3
90-180	9.3	0.7	0.7
0-180	16380.2	91.0	100.0



Quadrolaterally Symmetric 0 Degree (dash line) 90 Degree

Coefficient of Utilization Table Effective Floor Cavity Reflectance = 20%

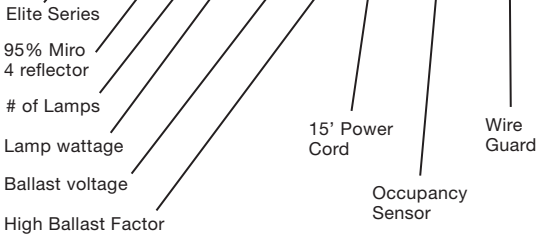
Pcc.. Pw... RCR	80				70				50				30				10				0			
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0	0	0	0			
0	1.08	1.08	1.08	1.08	1.06	1.06	1.06	1.06	1.01	1.01	1.01	0.96	0.96	0.96	0.92	0.92	0.92	0.90						
1	0.98	0.94	0.89	0.86	0.96	0.91	0.88	0.84	0.87	0.84	0.81	0.84	0.81	0.79	0.80	0.78	0.76	0.74						
2	0.89	0.81	0.75	0.70	0.87	0.80	0.74	0.69	0.76	0.71	0.67	0.73	0.69	0.65	0.70	0.67	0.64	0.62						
3	0.81	0.71	0.64	0.58	0.79	0.70	0.63	0.57	0.67	0.61	0.56	0.64	0.59	0.55	0.62	0.58	0.54	0.52						
4	0.74	0.63	0.55	0.49	0.72	0.62	0.54	0.49	0.60	0.53	0.48	0.57	0.52	0.47	0.55	0.50	0.46	0.44						
5	0.68	0.57	0.48	0.42	0.66	0.56	0.48	0.42	0.53	0.47	0.41	0.52	0.46	0.41	0.50	0.45	0.40	0.38						
6	0.63	0.51	0.43	0.37	0.61	0.50	0.42	0.37	0.48	0.41	0.36	0.47	0.41	0.36	0.45	0.40	0.36	0.34						
7	0.59	0.46	0.38	0.33	0.57	0.46	0.38	0.32	0.44	0.37	0.32	0.43	0.36	0.32	0.41	0.36	0.32	0.30						
8	0.55	0.42	0.35	0.29	0.53	0.42	0.34	0.29	0.40	0.34	0.29	0.39	0.33	0.29	0.38	0.33	0.28	0.27						
9	0.51	0.39	0.31	0.26	0.50	0.38	0.31	0.26	0.37	0.31	0.26	0.36	0.30	0.26	0.35	0.30	0.26	0.24						
10	0.48	0.36	0.29	0.24	0.47	0.35	0.28	0.24	0.34	0.28	0.24	0.34	0.28	0.24	0.33	0.27	0.23	0.22						

Ordering Information

Fixture Series	Reflector	Uplight	# Lamps	Lamp Watts	Voltage	Ballast	Option Suffix	Description (Items shipped as part of fixture)
F14EC	EA - 95% Miro 4	U - Uplight	6	32	120	H - High	1P	120V, 15A, 6' Power cord w/ 5-15 straight blade plug
	WR - 92% White	Leave blank for no uplight	4		277	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
UNI 120-277 Universal						U - Ultra Low	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
							6T	277V, 20A, 20' Power cord w/ 7-20 straight blade plug
							10T	277V, 15A, 6' Power cord w/ L7 twist lock plug
							15T	277V, 15A, 10' Power cord w/ L7 twist lock plug
							6T2	277V, 20A, 6' Power cord w/ L7 twist lock plug
							10T2	277V, 20A, 10' Power cord w/ L7 twist lock plug
20T2	277V, 20A, 20' Power cord w/ L7 twist lock plug							
6C	120V/277V, 6' Power cord only. No plug							
10C	120V/277V, 10' Power cord only. No plug							
20C	120V/277V, 20' Power cord only. No plug							
12F	120V Exterior fuse							
27F	277V Exterior fuse							
OS6	Occupancy sensor w/ bracket, mounting height 15'+							
OSP	Photocell only w/ bracket							
OS6P	Occupancy / Photocell Sensor w/ bracket > 15'							
OS6LT	Occupancy sensor w/ bracket, > 15', High humidity							
OS9	Occupancy sensor w/ bracket, mounting height <15'							
OS9P	Occupancy / Photocell Sensor w/ bracket, 15'							
OS9LT	Occupancy sensor w/ bracket, 15', High humidity							
WG	Wire guard							
EL	Acrylic lens							
SP	Single packaging (in boxes) Bulk Pack is Standard							
B1	Emergency Ballast 400 LMS 90 min. (1 Lamp)							
B7	Emergency Ballast 550 LMS 120 min. (1 Lamp)							
B9	Emergency Ballast 550 LMS 90 min. (1 Lamp)							
B6	Emergency Ballast 650 LMS 90 min. (1 Lamp)							
B5	Emergency Ballast 1350 LMS 90 min. (1 or 2 Lamps)							
730	F32T8/730 Lamps installed in fixture - Bulk Pack Only							
735	F32T8/730 Lamps installed in fixture - Bulk Pack Only							
741	F32T8/730 Lamps installed in fixture - Bulk Pack Only							
830	F32T8/730 Lamps installed in fixture - Bulk Pack Only							
835	F32T8/730 Lamps installed in fixture - Bulk Pack Only							
841	F32T8/730 Lamps installed in fixture - Bulk Pack Only							
850	F32T8/730 Lamps installed in fixture - Bulk Pack Only							

Sample ordering code:

F14ECEA632120H2POS6WG



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)