



# WESTINGHOUSE LIGHTING SOLUTIONS

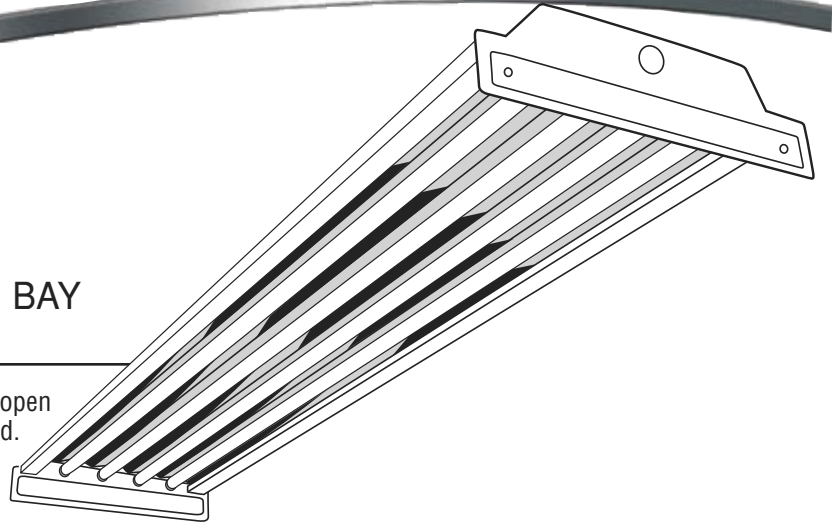
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QTY.	TYPE	MODEL #

## EC SERIES: T8 4-Lamp GENERAL AREA FLUORESCENT HIGH BAY

### SPECIFICATIONS

- Housing – Post painted formed aluminum body, white open frame, rigid steel end plates. Fully assembled.
- Reflector – Enhanced specular aluminum
- Lamp – (4) T8 32w linear fluorescent, CRI85
- Ballast – 90° C rated, Instant Start High b.f.
- Hang Mounting – Wire V Hooks included (W) unless otherwise specified (e.g. T=Toggle & Cable set option)



### FEATURES

- All fixtures ship with reflectors pre-peeled
- Low profile and light-weight 10 lbs.
- Rotary lock lamp holders
- Easy wire access plate for field wiring
- All ballasts are 90° C rated, thermally protected
- Cuts energy use 50%+ compared to metal halide
- Allows for one-to-one 400W metal halide fixture replacement
- Instant re-strike in event of momentary power outage
- Standard Westinghouse warranty
- POPULAR installed Options: ballast access doors prefix EA, whips / cord sets suffix C01= 6', C03=15' etc., sensor ready wired (R), pre-lamped models Suffix (L02 etc), or Include Cable/ Toggle sets (T) or (C) specify

### PHOTOMETRY

WLS Catalog # E-44-T832-16MM Lamp Type: (T8) PF32T8/TL841/ALTO Test Report # 11945 Dated 08/31/07 # of Lamps: 4

#### Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0	3136	3136	3136	3136	3136
5	3121	3139	3177	3179	3183
10	3077	3130	3177	3169	3168
15	3009	3089	3109	3049	3024
20	2917	3007	2952	2879	2879
25	2797	2880	2777	2799	2819
30	2644	2703	2651	2707	2703
35	2478	2488	2538	2500	2483
40	2290	2269	2344	2320	2348
45	2079	2068	2096	2158	2170
50	1854	1882	1923	1987	2046
55	1609	1657	1716	1890	1927
60	1353	1381	1561	1662	1691
65	1084	1145	1359	1438	1462
70	812	915	1110	1176	1199
75	542	716	846	906	922
80	285	456	575	634	650
85	79	217	318	376	392
90	4	58	125	164	180
95	1	12	45	81	88
100	3	4	9	21	24
105	4	4	5	5	4

#### Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	2465	21.6	25.3
0-40	4033	35.4	41.3
0-60	7235	63.5	74.1
0-90	9688	85.0	99.2
90-120	60	0.5	0.6
90-130	63	0.5	0.6
90-150	69	0.6	0.7
90-180	75	0.7	0.8
0-180	9762	85.6	100.0

#### LUMINAIRE SPACING CRITERIA

CIE Type:	Direct	
Plane:	0-DEG	90-DEG
Spacing Criteria:	1.3	1.3
Luminous Length:	48	8.750
Luminaire Efficiency	85.6%	

#### Zonal Cavity

RC RW	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	102	102	102	102	99	99	99	99	95	95	95	91	91	91	87	87	87	85
1	93	89	85	82	90	87	83	80	83	80	78	79	77	75	76	74	73	71
2	84	77	71	66	82	76	70	66	72	68	64	70	66	62	67	64	61	59
3	77	68	61	56	75	67	60	55	64	59	54	62	57	53	59	55	52	50
4	71	60	53	47	69	59	52	47	57	51	46	55	50	45	53	48	45	43
5	64	53	45	40	62	52	45	39	50	44	39	48	43	38	47	42	38	36
6	59	48	40	34	57	47	39	34	45	38	34	43	38	33	42	37	33	31
7	54	43	35	30	53	42	35	29	40	34	29	39	33	29	38	33	29	27
8	50	38	31	26	49	38	30	25	36	30	25	35	29	25	34	29	25	23
9	46	34	27	22	45	34	27	22	33	26	22	32	26	22	31	25	21	20
10	43	31	24	19	42	31	24	19	30	24	19	29	23	19	28	23	19	17

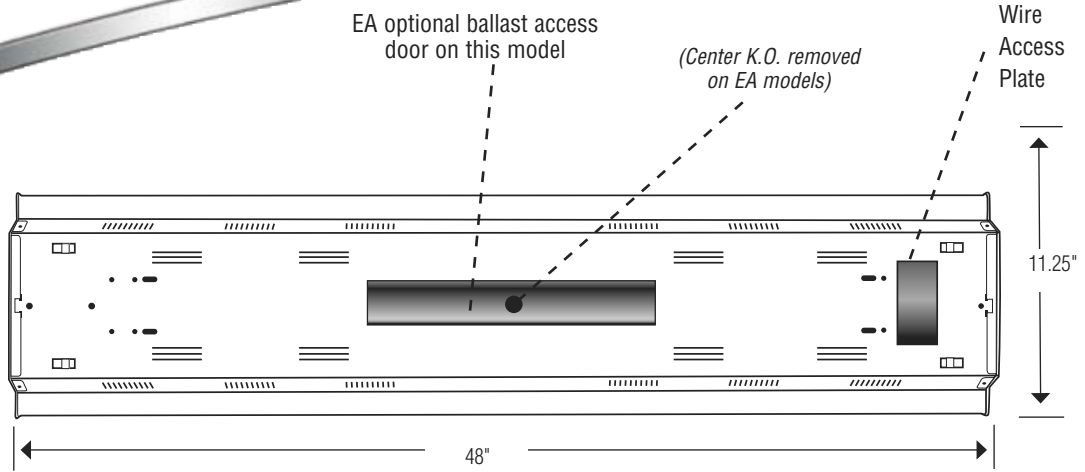


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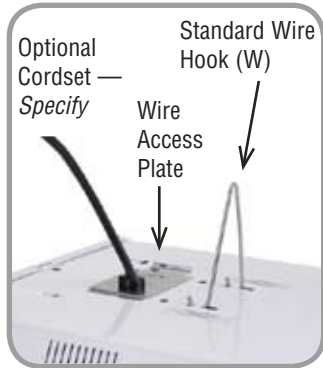
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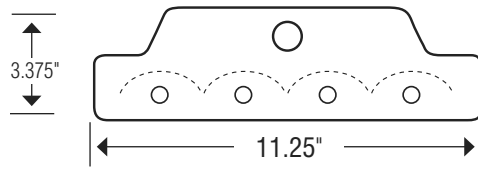
**TOP VIEW**



**OPTIONS:**  
see Accessory Pages  
or, Nomenclature Chart



**END VIEW**



**ORDERING INFORMATION**

**TYPE:**  
EC = original  
EA = optional ballast access door

**FIXTURE LENGTH**  
4 = nom. 48"

**REFLECTOR TYPE**  
GBE = General Area

**W = Wire Hanger (standard)  
C = Custom, specify  
T = Toggle/cable set  
O = No hanger**

**X = not sensor ready  
R = sensor ready wired**

**EC 44 T832 GBE-U1SH2B-C01 L05 WX**

**NUMBER OF LAMPS**  
4 = 4 lamp, 11.25" width  
6 = 6 lamp, 15.875" width  
8 = 8 lamp, 19.75" width

**LAMP TYPE**  
T832 = 32W  
T554 = 54W HO

**BALLAST VOLTAGE**  
U = 120-277V (Universal)  
F = 347-480V

**BALLAST DETAILS**  
\_SH\_ = Instant Start High b.f.  
1\_\_4 = 1, 4 lamp ballast  
B = Brand, factory select

**Series**      **Cordset optional**      **Lamps (5000K)**



Call 1-800-671-6799 EST 215-671-2029 outside the U.S. or log on at [www.westinghouse-ls.com](http://www.westinghouse-ls.com)  
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