

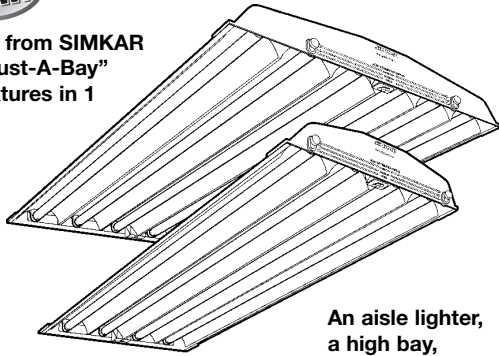
CATALOG NUMBER	TYPE

# “Adjust-A-Bay” T8 Fluorescent Industrial Bay Lighter ADJUST

20" x 48", 30" x 48"

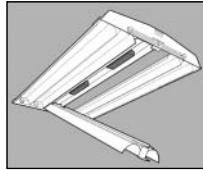
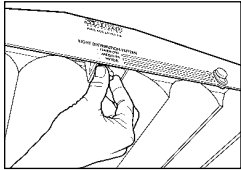


Only from SIMKAR  
“Adjust-A-Bay”  
3 Fixtures in 1

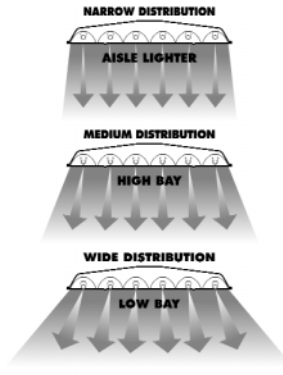
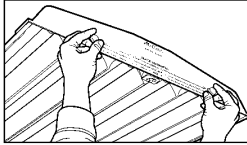


An aisle lighter,  
a high bay,  
and a low bay  
all in one.

Tool-less  
ballast access



Change light distribution  
with your fingertips



**Housing:** Die formed heavy gauge steel ballast channel with high-gloss baked white enamel finish over rust inhibiting phosphate coat. Die-cast aluminum ends with galvanized steel side rails. Hinged ballast channel cover with captive hardware can be opened without tools. Fixture is shipped fully wired. Ample knockouts provided.

**Adjustable Optics:** Tool-free, adjustable optics assembly provides 3 user selectable light distribution patterns; narrow for aisle lighting, medium for high bay and wide for low bay applications. Easily change position of lamp assembly within reflectors with two thumb screws on each end cap.

**Reflectors:** Computer designed, faceted, extra wide and deep, highly reflective, MIRO 4 reflectors (95% reflectance). Sharp cut off produces maximum usable lumens and minimizes glare. Slotting available on all reflectors for cooler operation and uplight. 7 slots on each reflector. Slots are 1/2" wide x 5" long.

**Electrical:** Fully wired for 120V, 60 Hz AC operation with ETL-CBM, thermally protected, automatic resetting, Class P, Sound rated A, high power factor, electronic T8 ballast. The 6 lamp unit contains 1-(2) lamp and 1-(4) lamp electronic T8 ballast. The 4 lamp unit contains 1- (4) lamp electronic T8 ballast. Switch from 6-4, 6-2, 6-0. Specify suffix UNV for universal voltage 120-277, 50/60hz AC operation. UL listed.

**Operation:** T8 fixture is suitable for ambient temperature of 95°F (35°C.)

**Mounting:** Mounting options include surface, pendant, or chain hanging. Order mounting accessories separately. See back page.

**Accessories:** Wire guards and motion sensor available as accessories. See back page.

**Critical Applications:** Simkar strives to offer the most current product designs and value. Consequently, all Simkar products are subject to redesign and revision. Critical applications such as size, operating temperature, or sensor operation should be confirmed with the factory.

## FEATURES AND BENEFITS

- |   |   |  |
|---|---|--|
| Adjustable optics with 3 user selectable settings | ➤ | Controlled Light distributions for a variety of applications   |
| Efficient, electronic T8 System                   | ➤ | Saves up to 50% in energy costs vs. Metal Halide; superior lumen maintenance, higher maintained lumens/watt, instant strike and improved color rendition |
| Extra wide and deep, MIRO 4 reflectors            | ➤ | Drive light downward to produce maximum usable lumens; sharp cut off reduces glare   |
| Optional uplight                                  | ➤ | Reduces apparent fixture brightness and improves task visibility   |
| Exposed reflector construction                    | ➤ | Maximizes lumen output at higher ambient temperatures and repels dirt  |
| Tool-less ballast access                          | ➤ | Easy to install and maintain   |
| Low 4" profile                                    | ➤ | Fits close to ceiling away from material handling equipment  |
| Anti-Vibrational, rotary sockets                  | ➤ | Keep lamps secure  |

## ORDERING INFORMATION

Example: ADJUST432B11120V

### ADJUST

### B11

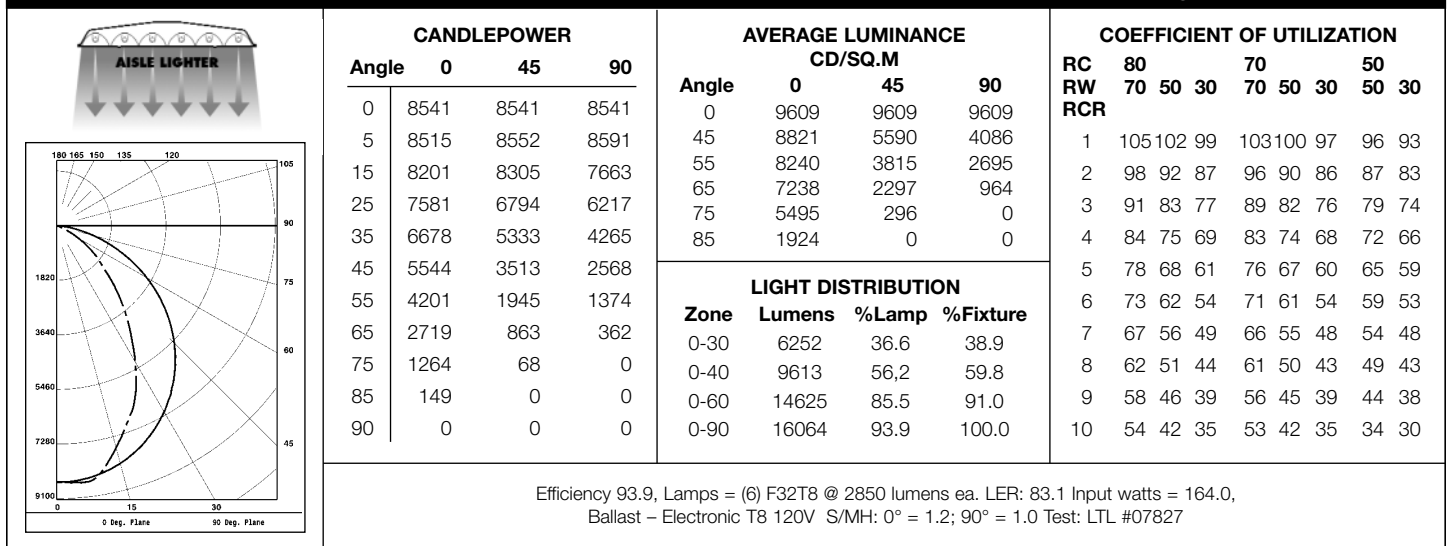
SERIES	LAMPS	SPECIAL FEATURE	BALLAST	OPTIONS	VOLTAGE
ADJUST - “Adjust-A-Bay” Fluorescent Industrial	432 - (4) 32W 48" T8 632 - (6) 32W 48" T8	A - Aperture Uplight ranges from 5.9% to 9.2% depending on setting.	B11 - Electronic T8	ELS - Emergency Lighting System PAL - Palletized out of carton L9 - Lamps - specify color K° (not installed)	120V 277V UNV - 120-277V

T5 models also available. See separate spec sheet.

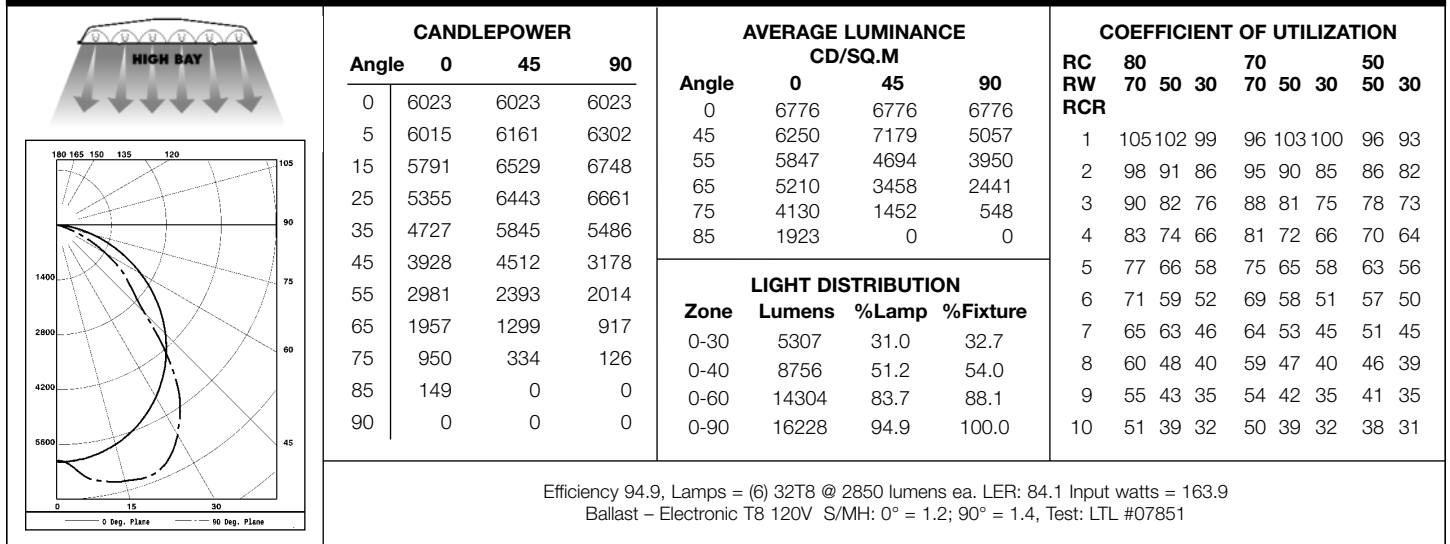


# “Adjust-A-Bay” T8 Fluorescent Industrial 20" x 48", 30" x 48"

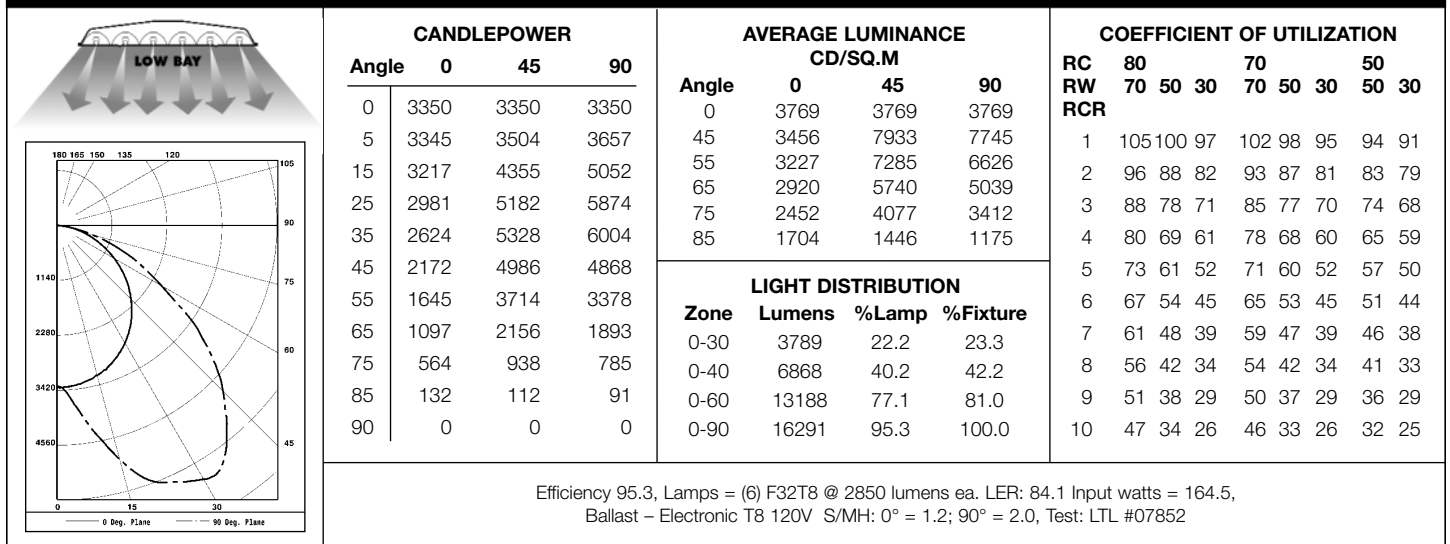
## PHOTOMETRIC DATA, 6-32W T8, Optics on “Narrow Distribution” Setting



## PHOTOMETRIC DATA, 6-32W T8, Optics on “Medium Distribution” Setting



## PHOTOMETRIC DATA, 6-32W T8, Optics on “Wide Distribution” Setting



# “Adjust-A-Bay” T8 Fluorescent Industrial 20" x 48", 30" x 48"

## PHOTOMETRIC DATA, 4-32W T8, Optics on “Narrow Distribution” Setting

CANDLEPOWER		AVERAGE LUMINANCE			COEFFICIENT OF UTILIZATION											
		Angle	0	45	90	RC	80	70	50							
0	5695	5695	5695	0	6407	6407	6407	1	105	102	99	103	100	97	96	93
5	5678	5703	5729	45	5884	3728	2726	2	98	92	87	96	90	86	87	83
15	5469	5416	5110	55	5496	2546	1803	3	91	83	77	89	82	76	79	74
25	5052	4529	4143	65	4819	1528	639	4	84	74	68	83	74	68	72	66
35	4450	3554	2843	75	3665	200	0	5	78	68	61	76	67	60	65	59
45	3698	2343	1713	85	1304	0	0	6	73	62	54	71	61	54	59	53
55	2802	1298	919	LIGHT DISTRIBUTION				7	67	56	49	66	55	48	54	48
65	1810	574	240	Zone	Lumens	%Lamp	%Fixture	8	62	51	44	61	50	43	49	43
75	843	46	0	0-30	4168	36.6	38.9	9	58	46	39	56	45	39	44	38
85	101	0	0	0-40	6405	56.2	59.8	10	54	42	35	53	42	35	41	34
90	0	0	0	0-60	9751	85.5	91.1									
				0-90	10709	93.9	100.0									

Efficiency 93.9, Lamps = (4) F32T8 @ 2850 lumens ea. LER: 83.1 Input watts = 109.3, Ballast - Electronic T8 120V S/MH: 0° = 1.2; 90° = .1.0, Test: LTL #07853

## PHOTOMETRIC DATA, 4-32W T8, Optics on “Medium Distribution” Setting

CANDLEPOWER		AVERAGE LUMINANCE			COEFFICIENT OF UTILIZATION											
		Angle	0	45	90	RC	80	70	50							
0	4017	4017	4017	0	7463	7463	7463	1	105	102	99	103	100	97	96	93
5	4012	4109	4203	45	6799	5079	3508	2	98	91	86	95	90	85	86	82
15	3860	4353	4500	55	6367	3293	3439	3	90	82	76	88	81	75	78	73
25	3570	4295	4440	65	5652	3006	1190	4	83	74	66	81	72	66	70	64
35	3153	3898	3659	75	4560	339	0	5	77	66	58	75	65	58	63	56
45	2618	3007	2116	85	1846	0	0	6	71	59	52	69	58	51	57	50
55	1988	1597	1345	LIGHT DISTRIBUTION				7	63	55	46	64	53	45	51	45
65	1306	867	612	Zone	Lumens	%Lamp	%Fixture	8	60	48	40	59	47	40	46	39
75	634	223	0	0-30	3538	31.4	32.7	9	55	43	35	54	42	35	41	35
85	99	6	0	0-40	5837	51.2	54.0	10	51	39	32	51	39	32	38	31
90	0	0	0	0-60	9537	83.7	88.2									
				0-90	10817	94.9	100.0									

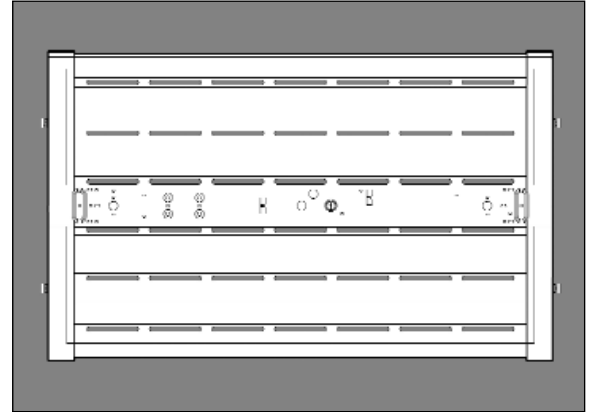
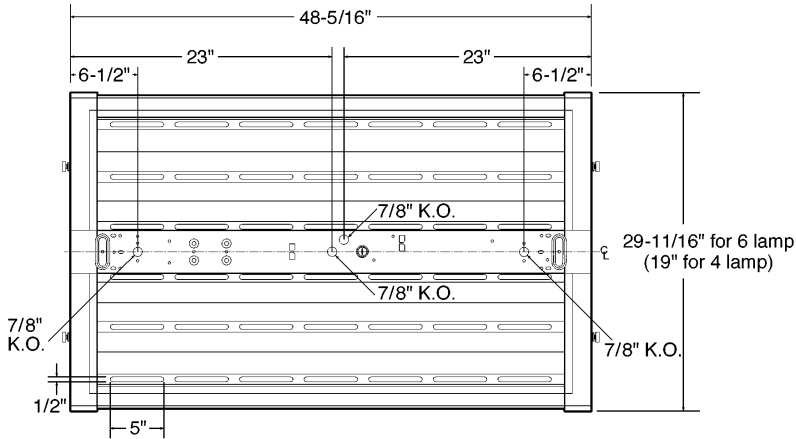
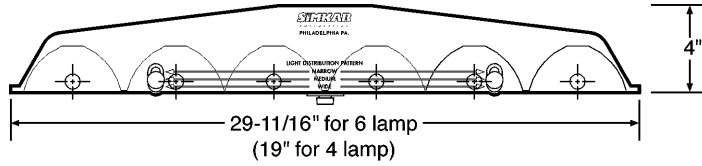
Efficiency 94.9, Lamps = (4) F32T8 @ 2850 lumens ea. LER: 84.1 Input watts = 109.3, Ballast - Electronic T8 120V S/MH: 0° = 1.4; 90° = 1.2, Test: LTL #07854

## PHOTOMETRIC DATA, 4-32W T8, Optics on “Wide Distribution” Setting

CANDLEPOWER		AVERAGE LUMINANCE			COEFFICIENT OF UTILIZATION											
		Angle	0	45	90	RC	80	70	50							
0	2234	2234	2234	0	2513	2513	2513	1	105	100	97	102	98	95	94	92
5	2223	2238	2440	45	2307	5292	5165	2	96	88	82	93	87	81	83	79
15	2145	2905	3351	55	2156	5292	5165	3	88	78	71	85	77	70	74	68
25	1988	3456	3919	65	1946	3826	3354	4	80	69	61	78	68	60	65	59
35	1750	3552	4004	75	1634	2713	2265	5	73	61	52	71	60	52	58	50
45	1450	3326	3246	85	1149	981	800	6	67	54	45	65	53	45	51	44
55	1099	2478	2254	LIGHT DISTRIBUTION				7	61	48	39	59	47	39	46	38
65	731	1437	1260	Zone	Lumens	%Lamp	%Fixture	8	56	42	34	54	42	34	41	33
75	376	624	521	0-30	2527	22.2	23.3	9	51	38	29	50	37	29	36	29
85	89	76	0	0-40	4580	40.2	42.2	10	47	34	26	46	33	26	32	25
90	0	0	0	0-60	8796	77.2	80.9									
				0-90	10886	95.3	100.0									

Efficiency 95.3, Lamps = (4) 32T8 @ 2850 lumens ea. LER: 84.1 Input watts = 109.7, Ballast - Electronic T8 120V S/MH: 0° = 1.2; 90° = 2.0, Test: LTL #07855

**DRAWINGS AND DIMENSIONS**



Use SN 1-3/4" snapper bracket (order 2)

**ACCESSORIES (Order Separately)**

**ACCESSORIES**

- AWG4** - 4 lamp heavy-duty wireguard with silver, powder coat finish
- AWG6** - 6 lamp heavy-duty wireguard with silver, powder coat finish
- MSEN**- 360 degree motion sensor

**MOUNTING ACCESSORIES**

- Chain – use **CA24** kit - (2) 18' chains, (2) "V" hooks, (2) "S" hooks for total drop 24"
- Cable – use fixture cable hanging kits
  - CACC48** - (2) 4-foot steel cables, mounting hardware, 4-foot power feed cord, and (2) white canopy kits (order two per fixture)
  - CACC72**- (2) 6-foot steel cables, mounting hardware, 6-foot power feed cord, and (2) white canopy kits (order two per fixture)

- Pendant – use **SH** - Single white canopy and 24" stem kit (order 2)
- Surface – use **SN** 1-3/4" snapper brackets (order 2)
- HKSC** - 1-3/4" threaded mounting hook with safety lock, 6' cord and NEMA standard twist lock plug
- Mono-point mount to two and four point suspension – use mounting hook kit **HKSC** with chain or cable