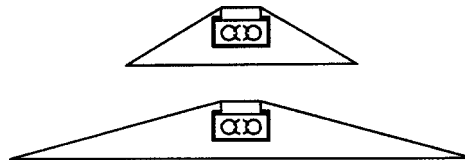
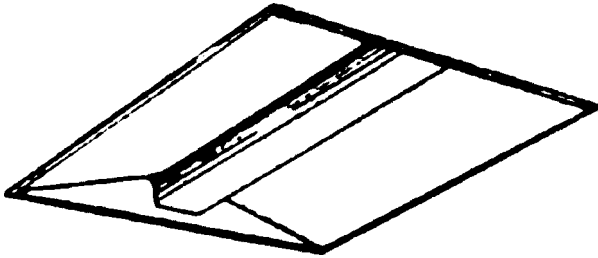


Job \_\_\_\_\_

Type \_\_\_\_\_

Catalog# \_\_\_\_\_



# LC SERIES

## Coffered Ceiling Lighting System

### APPLICATION

- Architecturally attractive, economical integrated ceiling/lighting system.
- Provides combined direct/indirect illumination with high visual comfort probability values, improved acoustics and custom coffered look. Ideal for open plan commercial and institutional applications.
- Regress mounts individually, tandem or in continuous rows in T-Bar ceilings (2 x 4 and 4 x 4 sizes).




### CONSTRUCTION

- Die-formed code gauge cold rolled steel housing and triangular support panels. Knockouts provided on housing top for electrical connections.
- One piece extruded 100% clear virgin acrylic prismatic lens. Conical prisms on bottom exterior and linear prisms on interior sides for brightness control. Lens hinges from entire length of housing in a lift-and-shift manner and hinges from either side.
- System installs easily without special tools or hardware; coffer is formed by using standard 2 x 4 lay-in ceiling tiles.

### FINISH

- All metal parts pretreated with a phosphate bonding process and post-painted with an electrostatically-applied high temperature baked white enamel for superior quality and durability. White interior surfaces have reflectance factor in excess of 89%. End panels are matte white.

### ELECTRICAL

- Energy-saving and electronic Class P, CBM/ETL certified, HPF ballasts comply with Federal Energy Efficiency Standards. 
-  listed and  listed.
- I.B.E.W. labeled.



# LC SERIES

## Coffered Ceiling Lighting System

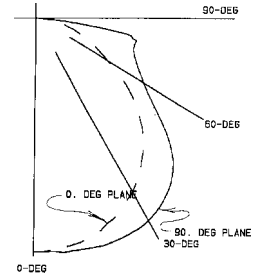
### PHOTOMETRIC DATA

Catalog Number: **LC13204-E01SA**  
 Lamps: One Philips F32T8/TL741 Each Rated at 2850 Lumens

Total Luminaire Efficiency: 83.6%

Coefficients of Utilization - Zonal Cavity Method																		
Effective Floor Reflectance 20%																		
RC	80%				70%				50%				30%				10%	0%
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	99	99	99	99	97	97	97	97	93	93	93	89	89	89	85	85	85	84
1	91	87	84	80	89	85	82	79	82	79	77	78	76	74	75	74	72	70
2	83	76	71	66	81	75	69	65	72	67	64	69	65	62	66	63	61	59
3	76	67	61	55	74	66	60	55	63	58	54	61	57	53	59	55	52	50
4	70	60	52	47	68	59	52	47	56	51	46	54	49	45	53	48	45	43
5	63	53	45	40	62	52	45	39	50	44	39	48	43	38	47	42	38	36
6	58	47	40	34	57	46	39	34	45	38	34	43	38	33	42	37	33	31
7	54	42	35	30	52	41	34	29	40	34	29	39	33	29	38	33	29	27
8	49	38	30	25	48	37	30	25	36	30	25	35	29	25	34	29	25	23
9	45	34	27	22	44	33	26	22	32	26	22	31	26	21	30	25	21	20
10	42	31	24	19	41	30	24	19	29	23	19	28	23	19	28	23	19	17

Zonal Lumen Summary			
Zone	Lumens	%Lamp	%Fixt
0-30	603	21.2	25.3
0-40	1017	35.7	42.7
0-60	1833	64.3	77.0
0-90	2382	83.6	100.0
90-180	0	0.0	0.0
0-180	2382	83.6	100.0



Plane: 0-Deg 90-Deg  
 Luminous Length: 94.500 10.750

Luminance in Candela Per Square Meter			
Angle in Deg	Average 0 - Deg	Average 45 - Deg	Average 90 - Deg
45	473	576	612
55	419	506	551
65	329	437	587
75	271	484	870
85	237	395	126

### ORDERING GUIDE

**LC 1 32 04 - EO 1 SA**

Series	No. Lamps	Lamp Style	Fixture Size	Ballast	Volts	Fixture Type	Options
LC	1, 2	28	02	EO	1	SA	
LC	1, 2	32	02	OT, EO	1	SA	
LC	1, 2	40	02	BE, ET	1	SA	
LC	1, 2	54	02	EO	1	SA	
LC	1, 2	28	48	EO	1	SA	
LC	1, 2	32	48	OT, EO	1	SA	
LC	1, 2	40	48	BE, ET	1	SA	
LC	1, 2	54	48	EO	1	SA	
LC	2, 4	28	T2	EO	1	SA	
LC	2, 4	32	T2	OT, EO, CO	1	SA	
LC	2, 4	40	T2	BE, ET	1	SA	
LC	2, 4	54	T2	EO	1	SA	
LC	2, 4	28	T4	EO	1	SA	
LC	2, 4	32	T4	OT, EO, CO	1	SA	
LC	2, 4	40	T4	BE, ET	1	SA	
LC	2, 4	54	T4	EO	1	SA	

#### LAMPS:

28 - 28 Watt T5  
 32 - 32 Watt T8  
 40 - 40/34 Watt ES T12  
 54 - 54 Watt T5 HO

#### BALLASTS:

BE - 430 ma Rapid Start Energy Saving  
 CO - 265 ma Electronic (3 or 4 lamp)  
 EO - 265 ma Electronic  
 ET - 430 ma Electronic  
 OT - 265 ma Magnetic

**Note:** On 4 lamp electronic fixtures, CO designates a single 4 lamp ballast in fixture. ET and EO designates 2 ballasts in fixture.

#### VOLTS:

1 - 120 Volts  
 4 - 277 Volts  
 9 - Universal Voltage

#### OPTIONS:

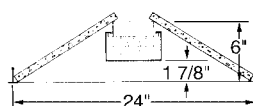
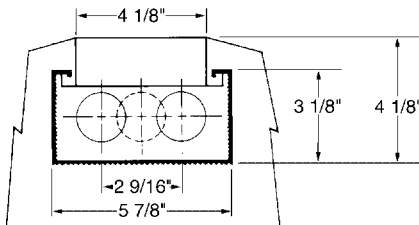
Use the following suffix for:  
 -F1 Fusing, one per fixture  
 -F2 Fusing, one per ballast  
 -RF1 Radio Interference Filter, one per fixture  
 -RF2 Radio Interference Filter, one per ballast

Emergency Ballast - Please consult Options page for complete listings.

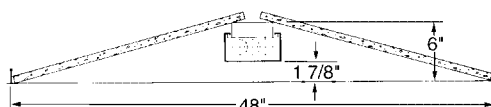
Dimming Ballast - Please consult the factory.

### DIMENSIONS

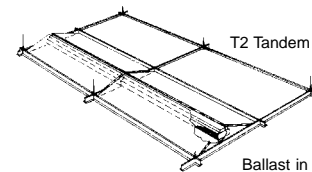
specifications and dimensional data subject to change without notice



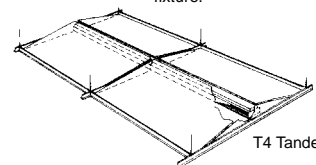
02



48



T2 Tandem  
 Ballast in one fixture also powers lamp(s) in adjacent fixture.



T4 Tandem