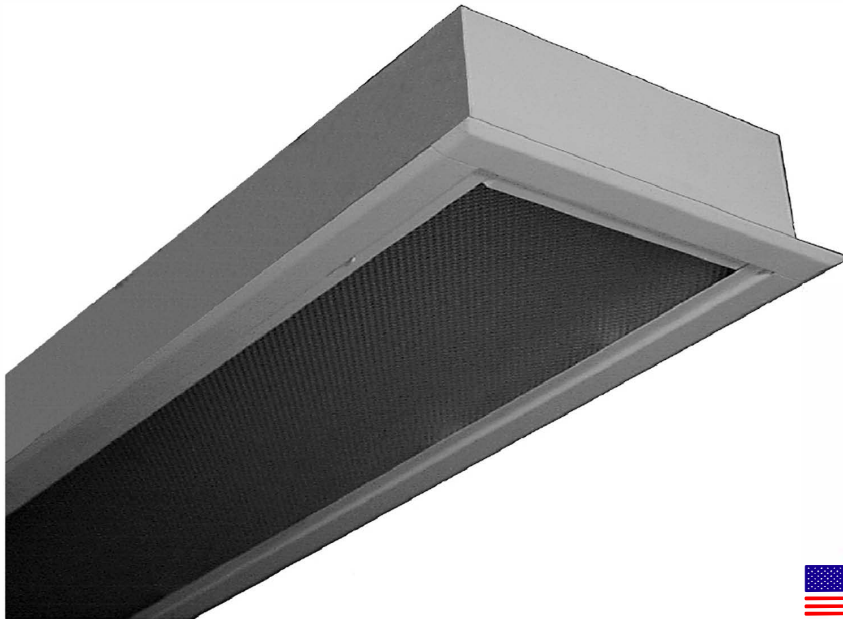


LED T8 - SPECIAL PURPOSE

FCR700 SERIES

Class 1000/ 10000 Clean Room Trim Flange



- Class 1000/ 10000 Clean Room Trim Flange Luminaire For LED T8 Internal Driver Light Tube (by Others)
- T-Hinge & Spring Loaded Latch
- Inverted Nominal .125 Clear Prismatic Acrylic Lens Standard
- All Parts Are Fitted and Sealed
- Welded And Painted After Fabrication

- Available with:
Heavy Duty Safety Switch



LOS ANGELES LIGHTING MFG. CO.

10141 OLNEY ST. / EL MONTE, CA 91731

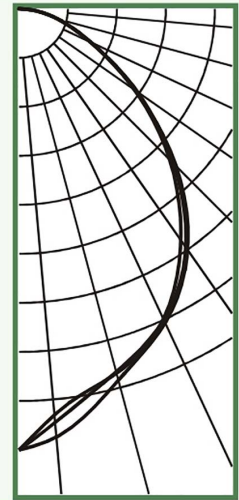
<http://www.lalighting.com>

TEL : 626-454-8300 FAX : 626-454-8399



FCR720-3-4L-PA-LED8

TEST NO.=LA-T1824-3
LAMP TYPE=LED T8, 4'
NO. OF LAMP=3
LUMENS PER LAMP=1300
WATTS PER LAMP=15
BALLAST FACTOR=1
PHOTOMETRY TYPE=C



CANDLEPOWER

Angle	End	45	Cross
0	1342	1342	1342
5	1240	1263	1308
15	1148	1143	1169
25	1041	1044	1054
35	860	886	895
45	649	665	676
55	430	441	432
65	242	241	242
75	126	122	127
85	36	36	38
90	3	3	3
95	0	0	0
105	0	0	0
115	0	0	0
125	0	0	0
135	0	0	0
145	0	0	0
155	0	0	0
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	932	23.9	33.4
0-40	1485	38.1	53.2
0-60	2391	61.3	85.6
0-90	2792	71.6	100.0
90-120	1	0.0	0.0
90-150	1	0.0	0.0
90-180	1	0.0	0.0
0-180	2793	71.6	100.0

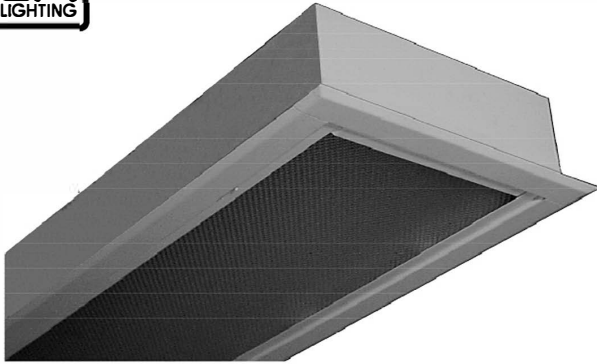
Luminaire Efficiency = 71.6%

SPACING CRITERION

ALONG	ACROSS
1.07	1.09

LED T8 - SPECIAL PURPOSE

CLASS 1000 / 10000 CLEAN ROOM



FCR700 SERIES - LED T8

CROSS SECTION

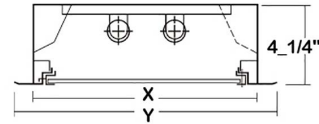
1 X 4

Ceiling Opening

X - 12 1/2" X 48 1/2"

Overall Width By Length

Y - 13 5/8" X 50"



2 X 2

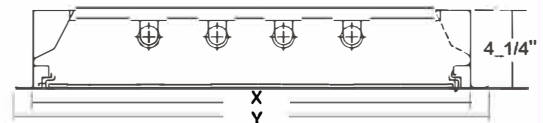
Ceiling Opening X - 24 1/2" X 24 1/2"

Overall Width By Length Y - 25 5/8" X 26"

2 X 4

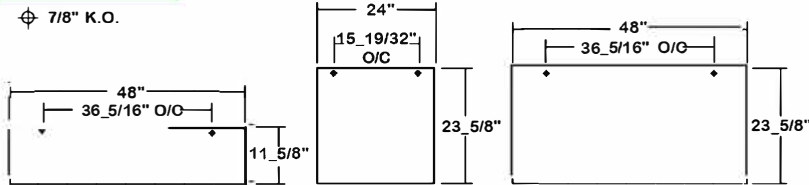
Ceiling Opening X - 24 1/2" X 48 1/2"

Overall Width By Length Y - 25 5/8" X 50"



BACK PLATE

7/8" K.O.



SAFETY SWITCH



TS2 - LED Luminaire On/Off Safety Switch

- Easily accessible on exterior of wire way.
- Allows individual fixture to be switched ON/OFF during re-lamping or Maintenance.
- Prevents damage to lamp and electrical shock during lamping and re-lamping.
- Allows safe entry to wire way channel where power connector can be disconnected for maintenance to fixture.

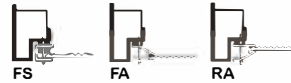
CATALOG NUMBER

	NOMINAL LENGTH	TOTAL LAMPS
FCR710-2-4LI	1'X4'	2
FCR710-2-4LR	1'X4'	2
FCR720-2-2LI	2'X2'	2
FCR720-2-2LR	2'X2'	2
FCR720-3-2LI	2'X2'	3
FCR720-3-2LR	2'X2'	3

	NOMINAL LENGTH	TOTAL LAMPS
FCR720-4-2LI	2'X2'	4
FCR720-4-2LR	2'X2'	4
FCR720-2-4LI	2'X4'	2
FCR720-2-4LR	2'X4'	2
FCR720-3-4LI	2'X4'	3
FCR720-3-4LR	2'X4'	3
FCR720-4-4LI	2'X4'	4
FCR720-4-4LR	2'X4'	4

DOOR FRAME INFORMATION

CROSS SECTION



1. Inverted Lens.
2. T-Hinge, Positive Spring Loaded Latch.
3. Sealed With Neoprene Gasket.
4. Light Stop Covers Installed.
5. Silicone Sealed Corners.
6. Internal Frame Rail.

FS W

FINISHES

W - White Enamel
B - Black Enamel

STYLES

FS - Flat Steel

ORDERING GUIDE

SPECIFIED									
EXAMPLE	FCR720	3	4LI	FSW	PA2	TS2	LED8I	UNV	
	SERIES	LAMP ROWS	NOMINAL LENGTH (FEET)	DOOR FRAME	OPTICAL OPTION	ELECTRICAL OPTION	LUMINAIRE TYPE	VOLTAGE	

LAMP TYPE

LI = LED T8 internal driver light tube.

Both ends powered.
Shunted sockets used.



LR = LED T8 internal driver light tube.

Single end powered.
Non-shunted sockets used.



OPTIONS AND ACCESSORIES

OPTICAL OPTIONS

Polycarbonate Lenses
High Impact Acrylic
Clear Prismatic Acrylic Nom .125
Flat White Matte Diffusers

SUFFIX

*

*

PA2

FWA

ELECTRICAL OPTIONS

LED Luminaire ON/OFF Safety Switch

SUFFIX

TS2

ACCESSORIES

Hanger Yokes (1X4)
Hanger Yokes (2X2), (2X4)

SUFFIX

HS-12

HS-24 1/2

*See Appropriate Reference Page

SPECIFICATIONS

TYPE

Flanged square sided class 1000/10000 clean room fixture for LED T8 internal driver light tube(s)**. Applicable where a sealed ceiling situation exists.

CONSTRUCTION

20 ga. cold rolled steel welded housing. All parts are fitted and sealed, no unused holes or KO's.

FINISH

Baked white powder coated finish, minimum reflectance 90%, painted after fabrication.

DOOR FRAME

20 gauge cold rolled steel. T-hinge and positive spring loaded latch. Door frame sealed with closed cell neoprene gasket.

OPTICS

Inverted clear prismatic acrylic lens standard, nominal .125 overall thickness.

WIRING

Operates LED T8 internal driver light tube(s)**.

LABELS

U.L. Listed. Suitable for damp locations.

** Lamp(s) by others.

