

LED T8 - RECESSED

RER100 SERIES

Round Aperture Recessed Luminaire



- Round Aperture Recessed Luminaire For LED T8 Light Tube (by Others)
 - One Piece Trim Flange Secured to Fixture Housing by Torsion Springs
 - White Acrylic Concave Lens Standard / Convex Lens Available
 - Trim Flange Painted After Fabrication
- Available with:
Heavy Duty Safety Switch Available



LOS ANGELES LIGHTING MFG. CO.

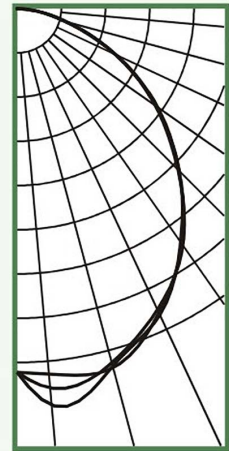
10141 OLNEY ST. / EL MONTE, CA 91731

<http://www.lalighting.com>

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

RER140-6-4L-FWA-LED8

TEST NO.=LA-T1884
LAMP TYPE=LED T8, 4'
NO. OF LAMP=6
LUMENS PER LAMP=1300
WATTS PER LAMP=15
BALLASTFACTOR=1
PHOTOMETRY TYPE=C



CANDLEPOWER

Angle	End	45	Cross
0	1631	1631	1631
5	1645	1785	1708
15	1667	1660	1644
25	1505	1516	1490
35	1292	1279	1297
45	1028	1029	1020
55	770	760	491
65	488	487	232
75	226	230	58
85	60	60	1
90	1	1	0
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

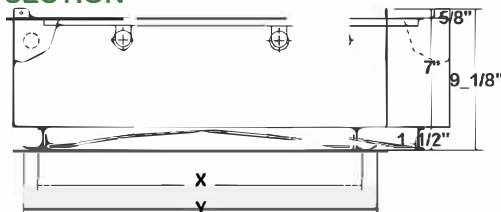
ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1332	17.1	30.3
0-40	2140	27.4	48.7
0-60	3619	46.4	82.3
0-90	4396	56.4	100.0
90-120	0	0.0	0.0
90-150	0	0.0	0.0
90-180	0	0.0	0.0
0-180	4396	56.4	100.0

Luminaire Efficiency = 56.4%

SPACING CRITERION

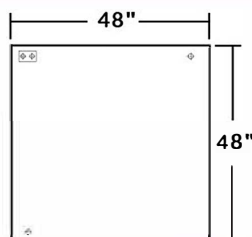
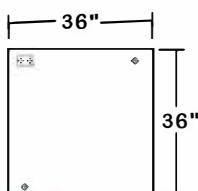
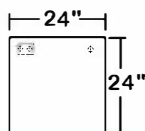
ALONG	ACROSS
1.26	1.26

LED T8 - RECESSED**RER100 SERIES - LED T8****CROSS SECTION**

2' ROUND	Ceiling Opening Diameter	X = 21_1/4"
	Flange Overall Diameter	Y = 22_3/4"
3' ROUND	Ceiling Opening Diameter	X = 33_1/4"
	Flange Overall Diameter	Y = 34_3/4"
4' ROUND	Ceiling Opening Diameter	X = 45_1/4"
	Flange Overall Diameter	Y = 46_3/4"

BACK PLATE

ACCESSPLATE
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**TWO FOOT ROUND**

	NOMINAL WIDTH	TOTAL LAMPS
RER120-1-2LI	2'	1
RER120-1-2LR	2'	1
RER120-2-2LI	2'	2
RER120-2-2LR	2'	2
RER120-3-2LI	2'	3
RER120-3-2LR	2'	3
RER120-4-2LI	2'	4
RER120-4-2LR	2'	4

THREE FOOT ROUND

	NOMINAL WIDTH	TOTAL LAMPS
RER130-2-3LI	3'	2
RER130-2-3LR	3'	2
RER130-3-3LI	3'	3
RER130-3-3LR	3'	3
RER130-4-3LI	3'	4
RER130-4-3LR	3'	4

FOUR FOOT ROUND

	NOMINAL WIDTH	TOTAL LAMPS
RER140-4-4LI	4'	4
RER140-4-4LR	4'	4
RER140-6-4LI	4'	6
RER140-6-4LR	4'	6
RER140-8-4LI	4'	8
RER140-8-4LR	4'	8

ORDERING GUIDE

SPECIFIED							
EXAMPLE	RER120	2	2LI	FWA	TS2	LED8I	UNV
	SERIES	NOMINAL LENGTH (FEET)	LAMP TYPE / WIRING	OPTICAL OPTION		ELECTRICAL OPTION	VOLTAGE
	LAMP ROWS						LUMINAIRE TYPE

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**
Frosted White Acrylic Dome

SUFFIX
FWA

- **ELECTRICAL OPTIONS**
LED Luminaire ON/OFF Safety Switch

SUFFIX
TS2

- **ACCESSORIES**
Hanger Yokes (2X2)
Hanger Yokes (3X3)
Hanger Yokes (4X4)

CAT. NO.
HS-24½
HS-36½
HS-48½

*See Appropriate Reference Page

SPECIFICATIONS

- **TYPE**
- **CONSTRUCTION**
- **FINISH**
- **DOOR FRAME**
- **OPTIC**
- **WIRING**
- **LABELS**

Recessed mounted flanged luminaire with round aperture for LED T8 light tube (s)** with internal driver.
22 ga. cold rolled steel housing. (20 ga. housing available as specified)
Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)
Die formed 20 gauge CRS. Attaches to housing by torsion springs.
Frosted white acrylic dome diffuser standard.
Operates T8 LED light tube(s)**.
U.L. Listed. Suitable for damp locations.

** Lamp(s) by others.

