

## RDI – Indirect Single Basket Troffer

- ▶ **Re-light with the RDI**
  - Energy Efficient, Economical, Full Distribution Troffer
  - Energy efficiency with a contemporary look and feel.
  - Low glare, indirect illumination.
- ▶ **Configured to order with the latest energy efficient lamps and ballasts...**
  - You name it, we'll get it.
- ▶ **P2's usual rapid turn around times...**
  - Your re-lighting project can't wait 6-8 weeks. We'll deliver, configured to order, fast.

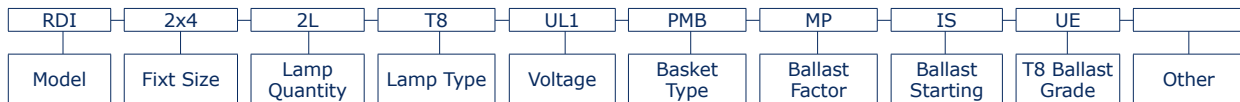
### ▶ RDI – Indirect Troffer



### ▶ Application

- Education, general office, and medical applications.
- Energy efficient re-lighting and modernization projects where full distribution and an aesthetic upgrade are required.
- T-Bar grid lay-in.
- Stock recommended configurations 2-Lamp F32 2x4 and 2-Lamp F17 2x2.

### RDI – 2x4 – 2L – T8 – UL1 – PMB – MP – IS – UE



**Fixture Series**  
RDI = Indirect Trotter

**Fixture Size**  
2X4 = 2x4 Nominal  
2X2 = 2x2 Nominal

**Lamp Qty**  
2L = Two Lamps

**Lamp Type**  
T8 = Linear T8 Lamps

**Voltage (1)**  
UL1 = Universal 120-277  
UL2 = Universal 120-277

**Basket Type**  
PMB = Perforated Metal Basket

**Ballast Factor (2)**  
XL = Ultra Low Power (.62-.66)  
LP = Low Power (.75-.78)  
MP = Mid Power (.85-.88)  
MN = Neutral Power (.97-1.04)  
HP = High Power (1.15-1.20)

**Ballast Starting Method**  
PS = Programmed Start  
IS = Instant Start  
PSD = Program Start Step Dimming  
ISD = Instant Start Step Dimming  
PVD = Program Start 0-10v Variable Dim  
IVD = Instant Start 0-10v Variable Dim

**T8 Ballast Grade**  
ST = Standard Grade  
UE = Ultra Efficient T8

**Other Options**  
SB = Specific Ballast Type or Manufacturer (3)  
EB = Emergency Battery Backup (3)  
DFK = Drywall Flange Kit  
LF = Factory Lamped (4)

**Numeric Footnotes**

- (1) Numeral indicates number of ballasts per fixture.
- (2) Ballast factors outside ranges shown to be called out numerically.
- (3) If SB or EB is requested, purchaser must identify the ballast manufacturer and the catalog number.
- (4) If LF is requested, purchaser must identify the lamp manufacturer and lamp desired.

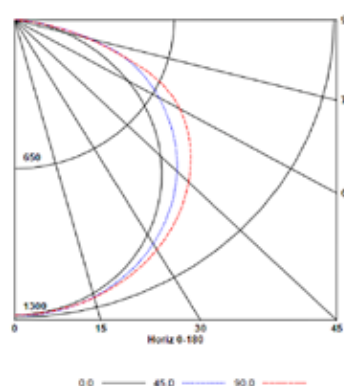
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### Fixture Construction

- Designed for Type-G grid ceilings.
- Housing and endcaps are dieformed code-gauge cold-rolled steel.
- Matte white aluminum reflectors.
- Matte white perforated metal light basket with opal acrylic overlay.
- Tool-less access for lamp replacement.
- Basket includes light leak seal.



Optical Shape  
2L32-2x4-T8-841-1.04



### Existing Systems

Existing Lamp / Ballast System	Lamp Quantity & Type	Mean Lumens Per Lamp	Mean Lumens Per Fixture	Ballast Factor	Net Lumens Per Fixture	Input Watts	Net Lumens Per Watt
2L40-T12-U6 Mag	2 F40/T12/U6/WM	2,280	4,560	0.88	4,013	72	56
3L40-T12 Mag	3 F40/T12/WM	2,280	6,840	0.88	6,019	115	52
3L32-T8-LP Elec	3 F32T8/741	2,660	7,980	0.77	6,145	72	85
3L32-T8-MP Elec	3 F32T8/741	2,660	7,980	0.87	6,943	80	87
4L40-T12 Mag	4 F40/T12/WM	2,280	9,120	0.88	8,026	144	56
4L32-T8-LP Elec	4 F32T8/741	2,660	10,640	0.77	8,193	96	85
4L32-T8-MP Elec	4 F32T8/741	2,660	10,640	0.87	9,257	107	87

### Re-Lighting Options

Proposed Lamp / Ballast System	Lamp Quantity & Type	Mean Lumens Per Lamp	Mean Lumens Per Fixture	Ballast Factor	Net Lumens Per Fixture	Input Watts	Net Lumens Per Watt
2L17-T8-LP Elec	2 F17T8/841	1,300	2,600	0.80	2,080	27	77
2L17-T8-MP Elec	2 F17T8/841	1,300	2,600	0.90	2,340	31	75
2L17-T8-HP Elec	2 F17T8/841	1,300	2,600	1.23	3,198	41	78
2L32-T8-LP Elec	2 F32T8/841	2,800	5,600	0.77	4,312	48	90
2L32-T8-MP Elec	2 F32T8/841	2,800	5,600	0.87	4,872	53	92
2L32-T8-MN Elec	2 F32T8/841	2,800	5,600	1.04	5,824	64	91
2L32T8-HP Elec	2 F32T8/841	2,800	5,600	1.15	6,440	73	88

### General Notes

- Lamp/ballast system values shown are a general reference intended to supply a quick comparison of several common lamp/ballast systems, the associated energy consumption, and net lumen output.
- Values shown are based on normal operating temperatures and at 277 volts.
- Fixture efficiency percentages are generally representative of each system type, actual values will vary.
- There are many operating variables that affect system output, in addition to rating variances from brand to brand.
- All T8 electronic ballast values shown are based on Ultra Efficient (aka 3rd Generation) T8 ballasts.
- All T5 and T8 lamp values shown are for basic grade lamps. Extended life and higher lumen lamps types are available.
- In addition to those shown there are a wide variety of systems to choose from, each with distinct features and cost points.
- Please consult the lamp/ballast manufacturer's catalogs for the detailed information required to model your system.