

## RDW-Full Distribution Direct Troffer

- ▶ Modernize your project with a full distribution direct light source tailored to today's office environments...
  - Highly tuned to perform the task of traditional 3-lamp Troffers.
  - A perfect blend of the full distribution lighting provided by lensed troffers and the high light levels at work plane provided by a direct light source.
  - Matte white louver, dedicated two lamp design, wraps around lamps for maximum shielding.
  - Crisp architectural styling.
  - Excellent energy efficiency.
- ▶ 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 project can't wait 6-8 weeks. We'll deliver, configured to order, fast.

### Full Distribution Troffer with Matte White 12 Cell Louver



### Application

- Suitable for a variety of general office and retail applications.
- Perfect for energy efficient relighting and modernization projects where full distribution and an aesthetic upgrade are required.
- Does the job of traditional 3-lamp Troffers.
- T-Bar grid lay-in.

### RDW-26-2x4-2L-T8-UL1-MP-IS-UE

RDW	26	2x4	2L	T8	UL1	MP	IS	UE	
Model	Louver Type	Fixt Size	Lamp Quality	Lamp Type	Voltage	Ballast Factor	Ballast Starting	T8 Ballast Grade	Other

#### Fixture Series

RDW = Full Distribution-Direct

#### Louver / Lens Type

23 = 6 Cell Parabolic 2x2  
26 = 12 Cell Parabolic 2x4

#### Fixture Size

2X4 = 2x4 Nominal  
2X2 = 2x2 Nominal

#### Lamp Qty

2L = Two Lamps

#### Lamp Type

T8 = Linear T8 Lamps  
T5 = Linear T5 Lamps  
T5HO = Linear T5HO Lamps

#### Voltage (1)

UL1 = Universal 120-277  
UL2 = Universal 120-277  
UH1 = Universal 347-480  
UH2 = Universal 347-480  
120 = 120 Volt Dedicated  
277 = 277 Volt Dedicated  
347 = 347 Volt Dedicated

#### 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)

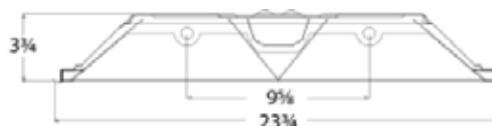
#### Numeric Footnotes

- (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.

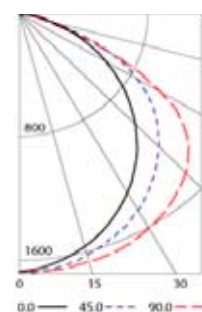
## RDW-Full Distribution Direct Troffer

### Fixture Construction

- Steel louver frame with aluminum cross blades and integral hinges/latches.
- Matte white paint after fabrication.
- Dedicated 2-lamp louver design.
- Die formed steel body.
- Optional drywall flange kit available for hard ceilings.



Optical Shape  
2L - 2x4-T8



### Existing Systems

Existing Lamp / Ballast System	Lamp Quantity & Type	Mean Lumens Per Lamp	Mean Lumens Per Fixture	Ballast Factor	Fixture Efficiency	Net Lumens Per Fixture	Input Watts	Net Lumens Per Watt
4L40-T12 Mag Pris	4 F40/T12/WM	2,280	9,120	0.88	0.78	6,260	144	43
3L40-T12 Mag Para	3 F40/T12/WM	2,280	6,840	0.88	0.69	4,153	115	36
3L32-T8-MP Elec Para	3 F32T8/741	2,660	7,980	0.87	0.72	4,999	80	62
2L40-T12-U6 Mag Para	2 F40/T12/U6/WM	2,280	4,560	0.88	0.69	2,769	72	38

### RDW Re-Lighting Options

Proposed Lamp / Ballast System	Lamp Quantity & Type	Mean Lumens Per Lamp	Mean Lumens Per Fixture	Ballast Factor	Fixture Efficiency	Net Lumens Per Fixture	Input Watts	Net Lumens Per Watt
2L32-T8-LP Elec	2 F32T8/841	2,800	5,600	0.77	0.90	3,881	48	81
2L32-T8-MP Elec	2 F32T8/841	2,800	5,600	0.87	0.90	4,385	53	83
2L32-T8-MN Elec	2 F32T8/841	2,800	5,600	1.04	0.90	5,242	64	82
2L32T8-HP Elec	2 F32T8/841	2,800	5,600	1.15	0.90	5,796	73	79
2L17-T8-LP Elec	2 F17T8/841	1,300	2,600	0.80	0.90	1,872	27	69
2L17-T8-MP Elec	2 F17T8/841	1,300	2,600	0.90	0.90	2,106	31	68
2L17-T8-HP Elec	2 F17T8/841	1,300	2,600	1.23	0.90	2,878	41	70

### 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.