

## DIN – Strip Based Indirect Wrap

### Energy Efficient, Economical, StripBased Indirect Wrap

- Provides energy efficiency with a contemporary look and feel, at a cost point that drives compelling ROI scenarios.
- Excellent one for one fixture replacement where covering existing paint footprints is not a concern.
- Can be surface mounted or suspended, individually, or in rows.
- Low Glare Indirect Lighting.

### Why P2? It's Simple, Our Experience.

- Many energy efficient strips and wraps provide basic energy efficient lighting at a low cost point, but lack aesthetic appeal.
- We realize that you need an eye-catching low glare fixture at a price that contributes to lowering your project's payback.
- The DIN was developed to fill that niche and drive your paybacks down.

### DIN – Indirect Wrap



### Application

- Education and retail.
- Configured to order with the latest energy efficient lamps and ballasts.
- Available in 1, 2, or 3 Lamp cross sections.
- Available in 4' or 8' lengths.

## DIN – 1x4 – 2L – T8 – UL1 – PMB – LP – IS – UE

DIN	1x4	2L	T8	UL1	PMB	LP	IS	UE	
Model	Fixt Size	Lamp Quantity	Lamp Type	Voltage	Basket Type	Ballast Factor	Ballast Starting	T8 Ballast Grade	Other

#### Fixture Series

DIN = Indirect Wrap Narrow Base

#### Fixture Size

1x4 = 1x4 Nominal

1x8 = 1x8 Nominal

#### Lamp Qty

xL = x indicates number of lamps

#### Lamp Type

T8 = Linear T8 Lamps

#### Voltage (1)

UL1 = Universal 120-277

UL2 = Universal 120-277

UH1 = Universal 347-480

UH2 = Universal 347-480

#### Basket Type

PMB = Perforated Metal Basket

SMB = Slotted 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)

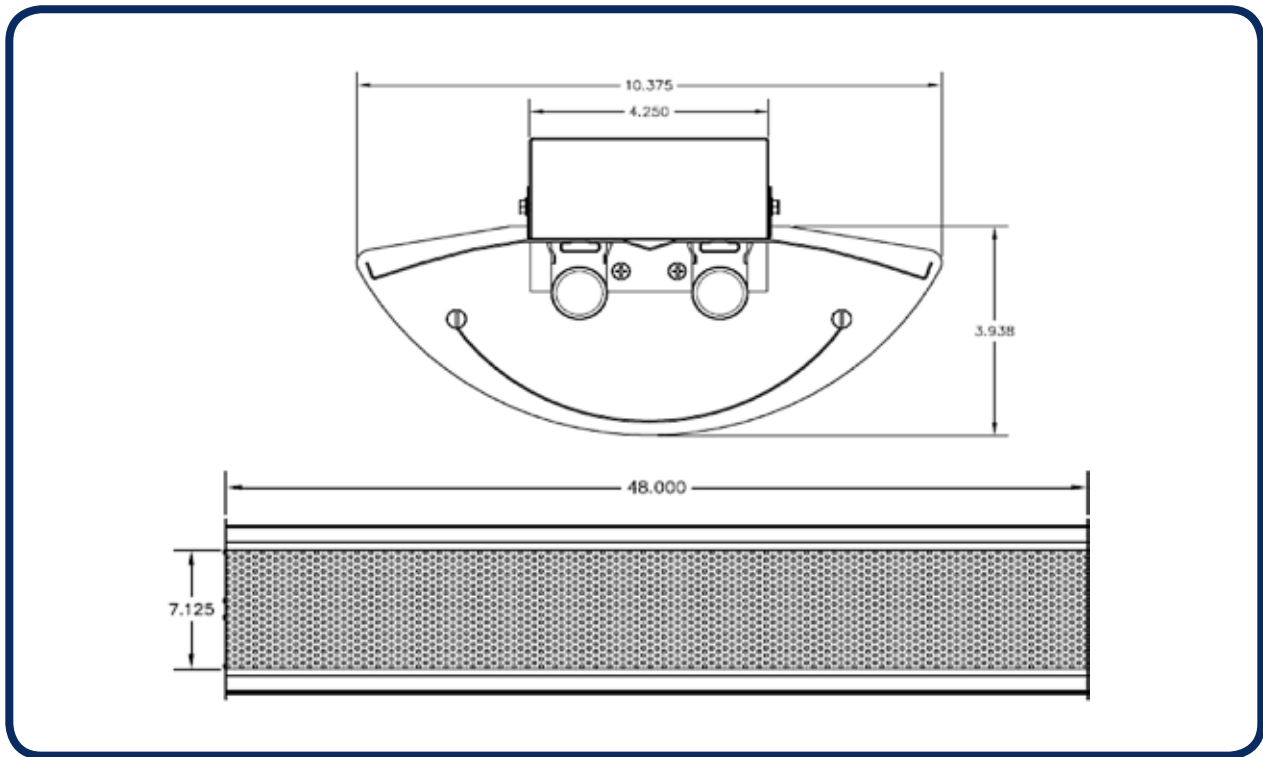
#### Numeric Footnotes

(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.

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### 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 Mag	2 F40/T12/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
4L40-T12 Mag	4 F40/T12/WM	2,280	9,120	0.88	8,026	144	56
1L96-T12 Mag	1 F96/T12/ES	4,750	4,750	0.88	4,180	76	55
2L96-T12 Mag	2 F96/T12/ES	4,750	9,500	0.88	8,360	126	66
1L96-T12HO Mag	1 F96/T12HO/ES	6,950	6,950	0.95	6,603	125	53
2L96-T12HO Mag	2 F96/T12HO/ES	6,950	13,900	0.93	12,927	210	62

### 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
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
3L32-T8-LP Elec	3 F32T8/841	2,800	8,400	0.77	6,468	72	90
3L32-T8-MP Elec	3 F32T8/841	2,800	8,400	0.87	7,308	80	91
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
6L32T8-LP Elec	6 F32T8/841	2,800	16,800	0.77	12,936	144	90
6L32T8-MP Elec	6 F32T8/841	2,800	16,800	0.87	14,616	160	91

### 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.