

RDS – Indirect Surface Mount

- ▶ **Surface Mount Re-lighting...**
 - Energy Efficient, Economical, Full Distribution Surface Mount Fixture
 - 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

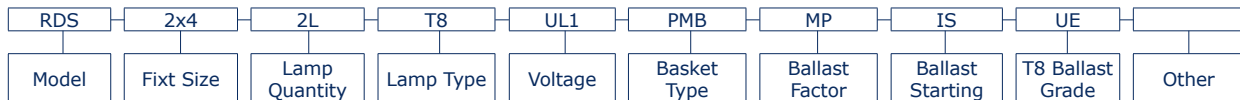
▶ RDS – Indirect Surface Mount



▶ Application

- Energy efficient re-lighting or modernization projects where a surface mounted aesthetic upgrade and full distribution luminaire is required.
- Well suited for Education, Office, Medical, and Retail applications.
- Available in 2 or 3 lamp T8.
- T5 and T5HO available upon request.

RDS – 2x4 – 2L – T8 – UL1 – PMB – MP – IS – UE



Fixture Series
RDS = Indirect Surface Mount

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

Lamp Qty
2L = Two Lamps
3L = Three Lamps

Lamp Type
T8 = Linear T8 Lamps

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

Basket Type
PMB = Perforated Metal Basket
SMB = Slot 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)
LF = Factory Lamped (4)

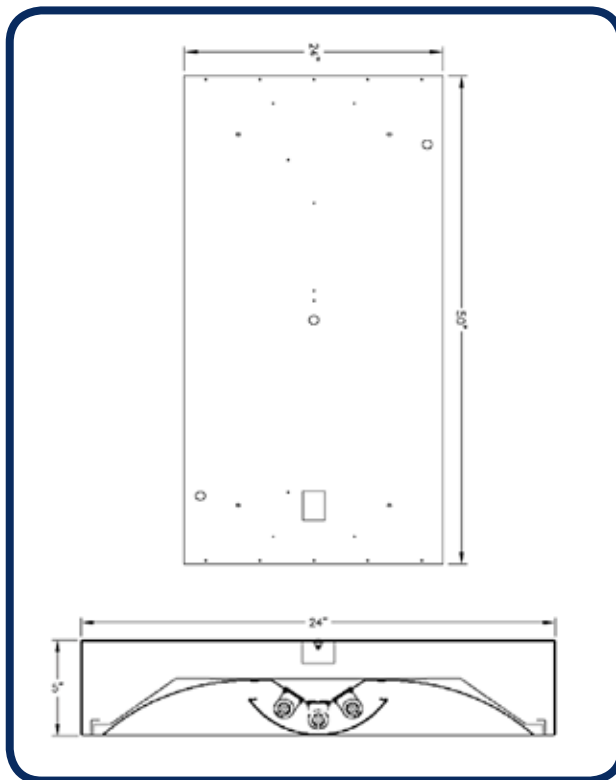
Numeric Footnotes

- (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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Fixtures Construction

- Heavy duty light weight .032 white aluminum body.
- Perforated or slot metal basket with opal acrylic overlay.
- Environmentally friendly and labor saving bulk project packaging.
- Made in the USA: Hudson WI, Gainesville FL, Orange County CA.



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-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
3L17-T8-MP Elec	3 F17T8/841	1,300	3,900	0.90	3,510	45	78
3L17-T8-HP Elec	3 F17T8/841	1,300	3,900	1.22	4,758	59	81
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
2L32T8-HP Elec	2 F32T8/841	2,800	5,600	1.15	6,440	73	88
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
3L32T8-HP Elec	3 F32T8/841	2,800	8,400	1.15	9,660	109	89

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.