PRECISION PARAGON
EFFICIENCY, ECONOMY, SUSTAINABILITY.
www.p-2.com
(714) 386-5550 CA
(715) 381-2971 WI
(352) 692-5900 FL

SMT - Surface Mount Troffer

Need a simple, cost-effective, energy efficient solution for a hard top application? Use the SMT.

- When you need custom options we're the ones to call.
- Hi-Lo Toggle Switch Receiver....
- Custom Reflectors
- Brand Specific or Exotic Ballasts...
- Emergency Ballasts...
- Multiple Lens Options

Time is Money

- We understand that you need quick turn around times to make your bottom line.
- Our agile Service Hub can meet your needs fast and get you back to what's really important, your customers.
- From quoting to engineering, we measure our response time in hours not days.

SMT - Surface Mount Troffer

Application

- Low cost full distribution energy efficient room lighting.
- Suitable for most surface mount ceiling applications; office, utility, education, retail.
- Custom reflectors optional.
- Available in 2, 3 and 4 lamp cross sections, T8 or T5.
- Listed to UL 1598 standards.

SMT - PR - 2x4 - 2L - T8 - UL1 - MP - IS - UE - WA

SMT	PR	2x4	2L	T8	UL1	MP	IS	UE	WA
Model	Lens Type	Fixt Size	Lamp Quantity	Lamp Type	Voltage	Ballast Factor	Ballast Starting	T8 Ballast Grade	Other

Fixture Series
SMT = Surface Mount Prismatic Troffer

Lens Type
PR = A12 Acrylic Prismatic
23 = 6 Cell Parabolic 2x2
26 = 12 Cell Parabolic 2x4
33 = 9 Cell Parabolic 2x2
36 = 18 Cell Parabolic 2x4

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

Lamp Qty
2L = 2 Lamp
3L = 3 Lamp
4L = 4 Lamp

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

Ballast Factor (2)
XL = Ultra Low Power (.62 - .66)
LP = Low Power (.75 - .78)
MP = Mid Power (.85 - .88)
MN = Nuetral 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)
HLT = High-Low Toggle Switch Receiver
FL = Factory Lamped (4)
WA = White Aluminum Reflector 90-91%
EA = Enhanced Aluminum Specular Reflector 93-94%

Numeric Footnotes
(1) Numeral indicates number 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 FL is requested, purchaser must identify the lamp manufacturer and lamp desired.

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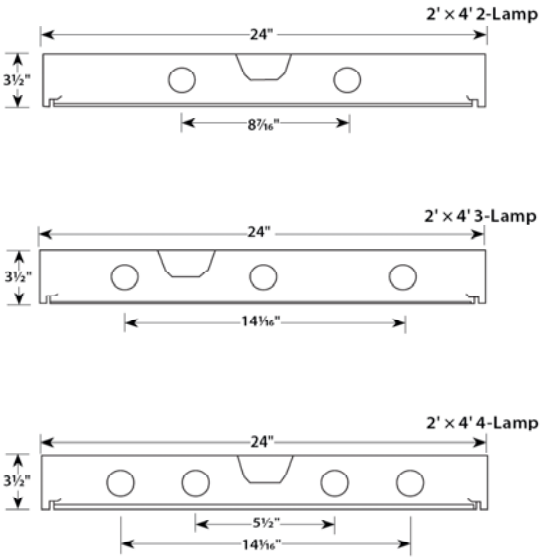

Existing Systems

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
4L40-T12 Mag Pris	4	F40/T12/WM	2,280	9,120	0.88	8,026	144	56
3L40-T12 Mag Para	3	F40/T12/WM	2,280	6,840	0.88	6,019	115	52
2L40-T12-U6 Mag Para	2	F40/T12/U6/WM	2,280	4,560	0.88	4,013	72	56

RPT 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
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
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	F32T8/841	2,800	11,200	0.77	8,624	96	90
4L32-T8-MP Elec	4	F32T8/841	2,800	11,200	0.87	9,744	107	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.