PRECISION P2 PARAGON
EFFICIENCY, ECONOMY, SUSTAINABILITY.

www.P-2.com

(714) 386-5550 CA
(715) 381-2971 WI
(352) 692-5900 FL

RDO–Full Cutoff Parabolic Troffer

Proven 18-Cell Parabolic design for your re-lighting project...

- Need to match existing building standard? The RDO will do the job.
- Excellent efficiency and widespread distribution.

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.

18 Cell 2x4 and 9 Cell 2x2 Full Cutoff Parabolic Troffer

Application

- Suitable for a variety of general office and retail applications.
- T-Bar grid lay-in or suspend against open black plenum for industrial aesthetic.
- Three inch deep louver provides full cutoff and excellent glare control for architectural interiors.

RDO–36–2x4–3L–T8–UL1–LP–IS–UE

RDO	36	2x4	3L	T8	UL1	LP	IS	UE	
Model	Louver Type	Fixt Size	Lamp Quantity	Lamp Type	Voltage	Ballast Factor	Ballast Starting	T8 Ballast Grade	Other

Fixture Series
RDO = Full Cutoff Parabolic

Louver / Lens Type
33 = 9 Cell Parabolic (2x2 only)
36 = 18 Cell Parabolic (2x4 only)

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

Lamp Qty
2L = Two Lamps (5)
3L = Three 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)
WA = White Aluminum Reflector for 2L
EA = Enhanced Aluminum Reflector for 2L

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.
(5) Requires WA or EA Option

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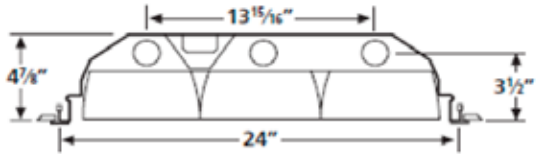
RDO–Full Cutoff Parabolic Troffer

Fixture Construction

- Anodized aluminum louver resists dents and scratches, holds shape, and maintains precision performance over the life of the louver.
- Matte anodized low iridescent, semispecular louver finish virtually eliminates visibility of fingerprints and dust.
- Shallow housing height allows installation in restricted ceiling areas.
- Lightweight body for ease of installation.
- Full black reveal provides air handling capability.
- Optional drywall flange kit available for hard ceilings.



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
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
2L40-T12-U6 Mag	2	F40/T12/U6/WM	2,280	4,560	0.88	4,013	72	56
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
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
3L17-T8-LP Elec	3	F17T8/841	1,300	3,900	0.81	3,159	40	79
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

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.