

GWR - Basic 9" Wrap

Have a school relighting project where you need to maintain a traditional look and feel?

- The GWR is the classic school room or utility fixture with all the modern features you need.
- Meets energy efficiency requirements for rebates....
- Cost effective....
- Energy Efficient components....
- Labor saving bulk packaging....
- Excellent optics for task lighting....
- More aesthetically pleasing than most "off the shelf" wraps.
- Light weight construction suitable for surface or suspended mounting.
- Meets efficiency standards for many energy rebates when utilized with enhanced aluminum reflector.

In a fast moving world speed is everything.

- Let our quickness and flexibility be your competitive edge.
- Quick turn around times for both quoting and configured to order delivery will help you outshine your competitors.
- P2 is committed to making sure you have what you need, when you need it.

GWR - Basic 9" Wrap



Application

- Suitable for a variety of general educational and retail applications.
- Configured to order with the latest energy efficient lamps and ballasts.
- Great for replacing outdated T12 fixtures found in many schools.

GWR - 1x4 - 2L - T8 - UL1 - LP - IS - UE - EB

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

Fixture Series

GWR = Basic Wrap

Fixture Size

1x4 = 1x4 Nominal
1x8 = 1x8 Nominal

Lamp Qty

1L = One Lamp
2L = Two Lamp
4L = Four Lamp

Lamp Type

T8 = Linear T8 Lamps
T5 = Linear T5 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)

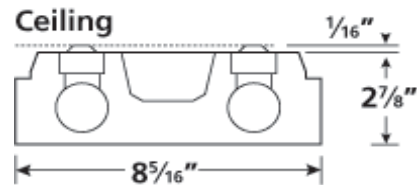
Numeric Footnotes

- (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.

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Fixture Construction

- Available in 1 or 2 lamp cross-sections, and in a variety of in-line tandem wired configurations for row lighting applications.
- Ballast and reflector material made to customer specifications.
- Lightweight body for ease of installation
- Tool-less access to lamps and ballast allowing for ease of installation and maintenance.
- Prismatic acrylic wrap lens.



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
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

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.