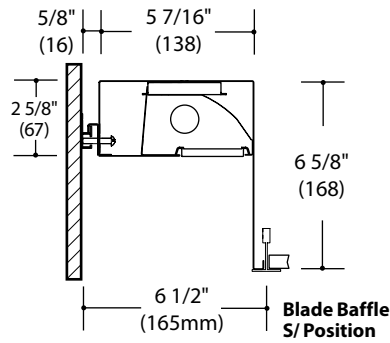


# LITECONTROL

Fixture Type:  
Project Name:



## Wall/Slot® 8400 Recessed Perimeter

### Product Description

Recessed perimeter fixture with a variety of shielding options. UL Listed. This fixture is Cradle to Cradle Silver Certified™ by MBDC.

### Ordering Guide

Product, lamping, & length			
84 -	1	4	T8 -
Series	Lamp Count	Nominal Length(ft)	Lamp Type
84	1 →	2, 3, 4	T8
	2 →	6, 8	
	see notes		

Options						
S/	SGL	CWM -	G -	ELB10 -	EF -	120
Shielding Position	Baffle or Diffuser	Finish	Ceiling Type	Ballast	Other Options	Volts
R/ or S/	SGL	CWM (matte white) is standard	DP G	ELB10 is standard DA/MK7 LPD/PWR DL/ECO see Ballast Options	EF F WCS  see Other Options	120 277
S/	BW					
see Shielding Position Options	see Baffle and Diffusers Options		see Ceiling Type Options			

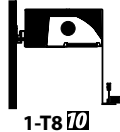
**8414T8-S/SGL-CWM-G-ELB10-F-120** is a typical catalog number for a 1-lamp (1 lamp in cross-section), 4-foot long T8 fixture with soft glow lens shielding at top, matte white finish, for mounting in a lay-in ceiling, electronic ballast, fuse, 120 volts.

**notes:**  
Lamp count = total number of lamps in the fixture  
For ordering guide information in shaded areas, choose selection by reading ACROSS the shaded areas for correct specifications.

### 10 DAY LiteSpeed Quick-Ship

Many configurations of this fixture are available in our LiteSpeed 10-day quick-ship program. The "10-day" icon in the descriptions below shows which options are available in LiteSpeed. LiteSpeed orders are shipped within 10 working days of receipt of a released, cleared order. An "LS" prefix is required in front of the ordering number to have the order handled as LiteSpeed. Other configurations not indicated here may be available for 10-day shipment; contact Customer Service for availability. Some restrictions may apply to large orders. All LiteSpeed fixtures are supplied in white finish (CWM).

#### Cross-section lamping



#### Shielding Position

- / Open\*. No shielding is used at the ceiling opening.
- R/ Regressed. Lens is positioned above ceiling line, to shield the lamp and fixture from view.
- S/ Shielding at top. Baffle or lens is located just below the lamps to shield lamps from view.

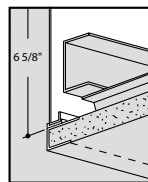
\* There is no designation required for open shielding position.

#### Baffle or Diffuser

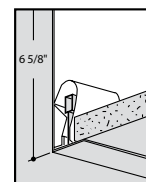
- BW Blade Baffle, White. 3/8" high and 1/2" OC painted steel. Only available in S/ position.
  - SGL Soft Glow Lens. Extruded, frosted acrylic. Available in R/ or S/ position.
- Note:** Leave both **Shielding position** and **Baffle or Diffuser** choice blank for **OPEN - no shielding** option.

#### Ceiling Type

Specify the applicable ceiling trim.



DP Drywall/Plaster



G Lay-in

#### Other Options

- EF Emergency Fluorescent Ballast. Battery-powered ballast from a UL Listed manufacturer will operate one T8 lamp for 1 1/2 hours.
- F Fuse. Slow or fast blow, determined by Litecontrol.
- WCS Wall Color Shield. Shield used with R/position diffuser on walls painted other than a white.

#### Ballast Options

- Specify in place of **ELB10**, contact factory for availability:
- DA/MK7 Advance Mark VII Dimming Ballast.
  - LPD/PWR Osram Sylvania Powersense Dimming Ballast.
  - DL/ECO Lutron ECO-10 Dimming Ballast.

#### Questions to Ask

1. Row information, including desired fixture lengths?
2. Lamp type? 3. Shielding position/Diffuser type? 4. Ceiling Type?
5. Ballast options? 6. Other options? 7. 120 or 277 volt?

revised 9/2/2011

**Quick Find** 84

[litecontrol.com](http://litecontrol.com)

## Specifications

**FIXTURE SUPPORT RAIL.** Extruded white aluminum, wall-mounted rail provides continuous support and true alignment of fixtures and components. Rail is designed to provide a reveal at the wall to compensate for irregularities in wall construction. Galvanized splines are included for continuous alignment.

**FIXTURE HOUSING.** Components are manufactured using computer-controlled dies to assure precise tolerance. Housing is with an 18-gauge steel integrated rear support channel having captive leveling screws to provide field adjustment. A hook-and-lock system provides quick installation and horizontal adjustment.

**REFLECTOR.** An aluminum parabolic specular reflector adds downward light projection in S/ position and no-diffuser fixtures.

**LAMPING.** Available in one-lamp T8.

**BALLAST.** Electronic Ballast (**ELB10**), high power factor, thermally protected Class P, Sound Rated A, less than 10% THD, manufactured by a UL Listed manufacturer, as available, determined by Litecontrol. Ballasts with a voltage range of 120 to 277 will be used when fixture configuration and ballast availability allow. The minimum number of ballasts will be used.

**BALLAST DISCONNECT.** Fixture supplied with a ballast disconnect device to enable compliance with the NEC.

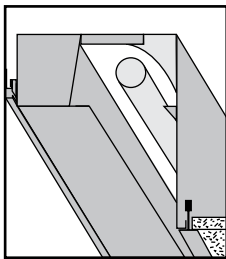
**CEILING TYPE.** Compatible with most types of ceiling systems, including grid and drywall/plaster. Fixture system must be installed prior to installation of ceiling. Finish of wall should extend 7" above finished ceiling height. See Wall/Slot 84 Pre-Installation Manual for specific ceiling type details.

**CERTIFICATION.** Fixture and electrical components are UL and/or CUL Listed (UL LISTED), and bear the I.B.E.W., A.F. of L. label. This fixture is Cradle to Cradle Certified<sup>CM</sup> Silver by MBDC. Note: Litecontrol reserves the right to change specifications without notice for product development and improvement.

## Shielding Position

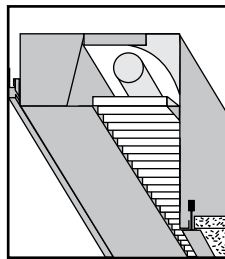
Specify position S/ or R/ followed by correct shielding type. Example R/SGL

Open -/ Position



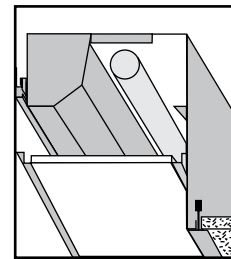
No shielding is used at the ceiling opening for maximum efficiency when the lamps cannot be viewed from below.

Shielding at Top S/ Position



A baffle or lens may be used below the lamp to shield lamps from view while maintaining a clean floating appearance.

Regressed R/ Position



A lens is positioned above ceiling line, to shield the lamp and fixture from view. **R/ position not available with blade baffle (BW).**

Regression of lens 1 3/4"

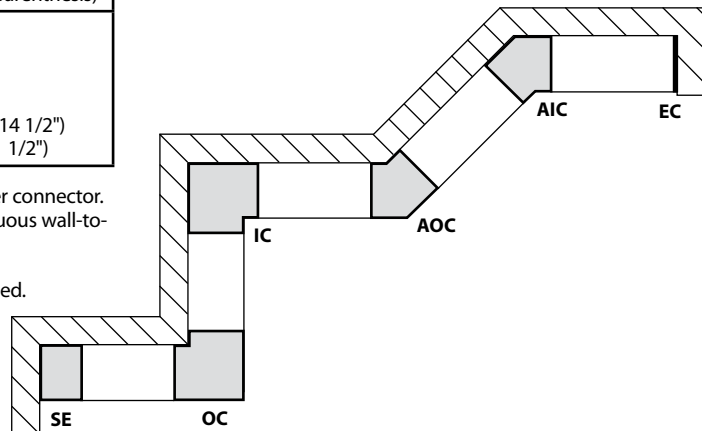
## System Connectors

Catalog Number

Series -	Connector -	Finish	Description (Minimum-Maximum along wall in parenthesis)
8400	EC	CWM	Plenum End Cap
8400	SE	CWM	Straight Extension (2"-12")
8400	IC	CWM	Inside Corner - 90° (8"-18")
8400	OC	CWM	Outside Corner - 90° (2"-11 1/4")
8400	AIC	CWM	Angular Inside Corner - 135° (4 1/2"-14 1/2")
8400	AOC	CWM	Angular Outside Corner - 135° (2"-11 1/2")

8400-AOC-CWM is a typical catalog number for an angular outside corner connector. Corners, extensions, and end caps, when added to fixtures, permit continuous wall-to-wall installation. Finish: CWM (Matte White).

Mitered lenses are supplied for corners when Regressed position is specified. Lengths are field cut.

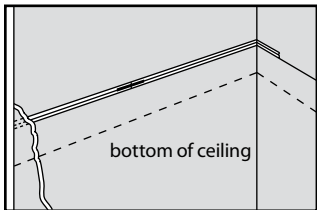
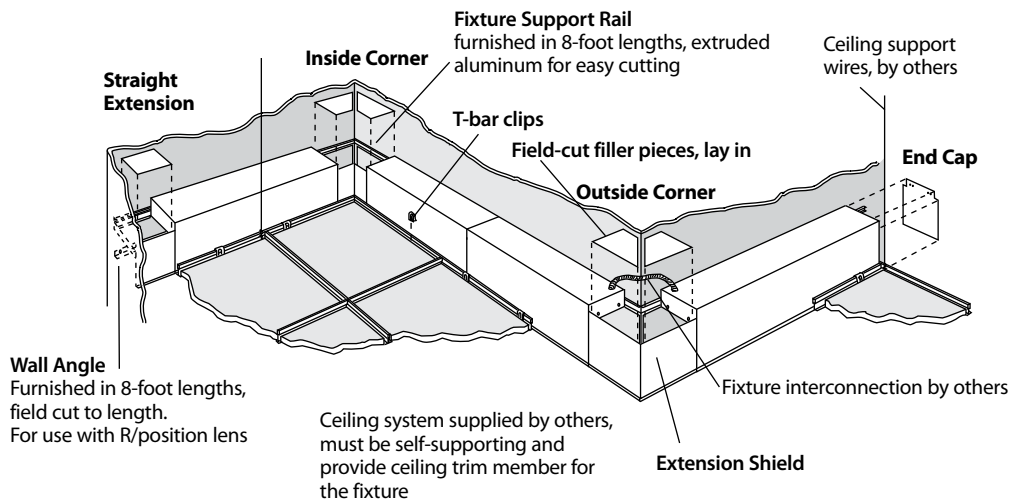


## Planning for Installation

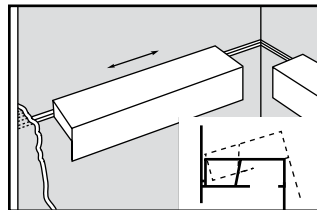
**Pre-installation notes:** Finish of wall should extend 7" above ceiling. Continuous Fixture Support Rail is provided for ease of installation.

Ceiling construction must be supported independently of the lighting.

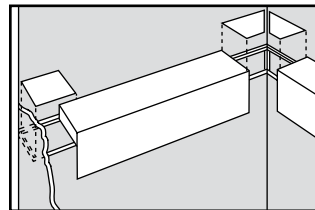
**Fixture Lengths:** 24", 36", 48", 76" and 96"



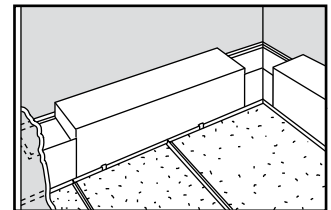
1. Install Fixture Support Rails on walls.



2. Hook fixtures on rail and slide into position.



3. Install extensions and corners.



4. Attach Extension Shields to components.

