

## FEATURES & SPECIFICATIONS

### INTENDED USE

RT5 is designed for applications that require the extremely energy efficient delivery of comfortable volumetric light from a lay-in fixture that is appealing and shallow in depth. Ideal for offices, schools, hospitals, retail and numerous other commercial applications.

### OPTICAL SYSTEM

Delivers volumetric lighting by filling the entire volume of space with light, delivering the ideal amount to walls, cubicles, work surfaces and people.

Luminous characteristics are carefully managed at high angles, providing just enough intensity to deliver the volumetric effect.

Regressed, two-piece refractive system obscures and softens the lamp and smoothly washes the reflector with light.

Linear faceted reflector softens and distributes light into the space and minimizes the luminance ratio between the fixture and the ceiling.

Mechanical cut-off across the reflector and fresnel refraction along the refractor provide high angle shielding and a quiet ceiling.

Sloped endplates provide a balanced fixture to ceiling ratio while enhancing the perception of fixture depth.

### CONSTRUCTION

Impact modified acrylic prismatic refractor with polymer light-diffusing film.

Rugged, one-piece, cold-rolled steel reflector with embossed facets. Polyester powder paint after fabrication.

Rigid structure with ballast box and endplates with integral T-bar clips.

Fixtures may be mounted end-to-end.

### ELECTRICAL SYSTEM

Highly efficient program-start electronic ballasts, Class P, thermally protected, resetting, HPF, non-PCB, UL Listed, CSA Certified, sound rated A. Premium T5 lamp with enhanced phosphors and 85 CRI. Ballast/lamp efficacy up to 100+ LPW. Lamp is TCLP compliant.

0.95 ballast factor standard for typical applications. 1.15 ballast factor or F54T5HO lamping available for higher ceiling height applications.

Bi-level dimming option allows system to be switched to 50% power for compliance with common energy codes while maintaining fixture appearance.

S5 option available for use with SIMPLY5™ Lighting Intelligence system with multi-level dimming. See SYNERGY® Lighting Controls specification sheets for more information.

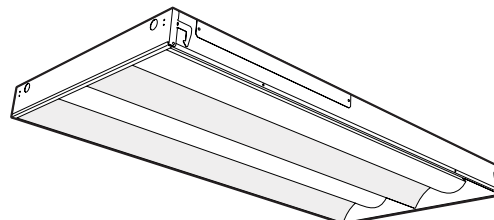
### MAINTENANCE

Side mounted ballast tray accessed by removing adjacent ceiling tile. Ballast tray may be removed from fixture during service.

Lamps accessed by squeezing refractor to release from retention tabs.

### LISTING

UL Listed (standard). Optional: Canada CSA or cUL. Mexico NOM.



# 2RT5

2' x 4'  
2 Lamps  
Premier T5

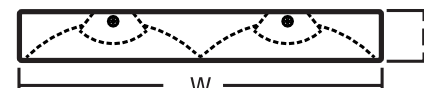
**SIMPLY5™**  
LIGHTING INTELLIGENCE

### Specifications

Length: 48 (1218)

Width: 24 (610)

Depth: 3-1/8 (79)



All dimensions are inches (millimeters) unless otherwise specified.

### WARRANTY

Fixture guaranteed for one year against mechanical defects in manufacture. Lamp and ballast system warranty (24 months for lamp, 60 months for ballast) by lamp and ballast manufacturer.

Protected by one or more of US Patents Nos. 7,229,192; D541,467; D541,468; D544,633; D544,634; D544,992; D544,933 and additional patent pending.

Specifications subject to change without notice.

## ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: 2RT5 28T5 MVOLT GEB95 LPM835P

### 2RT5

Series	Lamp type	Voltage	Ballast	Lamp <sup>4</sup>	Options
<b>2RT5 Recessed T5</b>	<b>28T5 28W T5 (46")</b> 54T5HO 54W T5 (46") <sup>1</sup>	<b>MVOLT<sup>2</sup></b> 347 <sup>3</sup>	<b>GEB95 0.95 ballast factor</b> <b>GEB95S 0.95 ballast factor, step dimming</b> GEB115 1.15 ballast factor GEB115S 1.15 ballast factor, step dimming GEB10PS 1.0 ballast factor, program start S5 0.95 ballast factor GEB10PS 1.0 ballast factor, program start <sup>1</sup> GEB80 .80 ballast factor <sup>1</sup> GEB80S .80 ballast factor, step dimming <sup>1</sup>	<b>LPM835P Premier 3500°K 28W lamp</b> LPM830P Premier 3000°K 28W lamp LPM841P Premier 4100°K 28W lamp LP835 3500°K 54W lamp LP830 3000°K 54W lamp LP841 4100°K 54W lamp	GLR Internal fast-blow fuse <sup>6</sup> PWS1836 6' prewire, 3/8" diameter, 18-gauge, 3-wire (n/a with GEB95S) <sup>7</sup> PWS1846 6' prewire, 3/8" diameter, 18-gauge, 4-wire <sup>8</sup> <b>EL14 Emergency battery pack (nominal 1200 lumens); see Life Safety Section</b> HW Hardwire for S5 system; replaces RELOC® CSA Listed and labeled to comply with Canadian standards QFC_ Quick-flex cable <sup>5</sup> BDP Ballast disconnect plug (meets codes that require in-fixture disconnect)

#### NOTES:

- For T5HO applications, use GEB10PS, GEB80 or GEB80S ballast.
- MVOLT (120-277 volts), 50-60HZ.
- For 347V, use GEB95S or GEB10PS.
- SIMPLY5 includes 13' S5 SSC RELOC® wiring system, specify voltage unless HW (hardwire) or PWS is ordered.
- Required. All fixtures shipped with lamps installed.
- Must specify voltage, 120 or 277.
- For use with standard ballast.
- For use with step dimming ballast.