

PRODUCT INFORMATION

2RT5

2'x2', 2'x4'



Also available with high performance LEDs. Contact your local Lithonia sales representative for additional information.

Intended Use

The 2RT5 Series is designed for applications where comfort, aesthetics and energy savings are important. Provides volumetric lighting for applications such as offices, schools, hospitals, retail and numerous other commercial applications.

Construction

Two-lamp configuration provides 33% energy savings when compared to a common three-lamp T8 system.

Low-profile 3-1/8" depth makes RT5 ideal for applications where plenum height is a factor.

Two-piece refractor system uses the combination of diffusing optical film and precisely extruded prisms to efficiently diffuse light.

Reflector includes micro-facets that echo the frequency of the prisms in the refractor, providing a quiet appearance in the ceiling.

Lamp accessed by squeezing refractor to release from retention tabs.

Optics

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

istics are carefully managed at high angles to deliver just enough intensity to provide the volumetric effect.

Electrical

Ballast disconnect provided standard where required to comply with U.S. and Canadian electrical codes.

A wide variety of ballast configurations including set light output or step-level dimming. Step-dimming options allow the system to be switched to 50% power for compliance with common energy codes while illuminating both lamps. Highly efficient programmed start electronic ballast, Class P, thermally

protected, resetting, HPF, non-PCB, UL Listed and CSA certified, sound rated A.

Premier F28T5 lamp with enhanced phosphors and 85 CRI. Ballast/lamp efficacy of 28T5 is 100+ LPW. Side mount ballast tray accessed by removing adjacent ceiling tile.

Listings

UL Listed. CUL Listed or CSA Certified to Canadian standards – optional. NOM Certified – optional.

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



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: 2RT5 28T5 MVOLT GEB95 LPM835P

Series	Lamp type ¹	Voltage	Ballast ¹	Lamp color ³	Options
2RT5 2' wide	14T5 14W T5 (22")	MVOLT	GEB90 Ballast factor .90, set light	LPM835P Lamped with premier 3500°K lamp ⁴	GLR Fast-blow fuse ⁵
	28T5 28W T5 (46")		GEB90S Ballast factor .90, step dimming	LPM830P Lamped with premier 3000°K lamp ⁴	PWS1836 6' prewire, 3/8" diameter, 18-gauge, 3-wire ⁷
	24T5HO 24W T5HO (22")		GEB95 Ballast factor .95, set light	LPM841P Lamped with premier 4100°K lamp ⁴	PWS1846 6' prewire, 3/8" diameter, 18-gauge, 4-wire ⁸
	54T5HO 54W T5HO (46")		GEB95S Ballast factor .95, step dimming	L835XP Lamped with premier XP 3500°K lamp ⁴	EL14 Emergency battery pack
			GEB115 Ballast factor 1.15, set light	L830XP Lamped with premier XP 3000°K lamp ⁴	HW Hardwire for SIMPLY™ system; replaces RELOC ⁹
		GEB115S Ballast factor 1.15, step dimming	L841XP Lamped with premier XP 4100°K lamp ⁴	CSA Meets Canadian standards	
		GEB10PS Ballast factor 1.0, set light	LP835 Lamped with 3500°K lamp ⁵	NOM Meets Mexican standards	
		S5 SIMPLY™ (.95 BF) ²	LP830 Lamped with 3000°K lamp ⁵		
			LP841 Lamped with 4100°K lamp ⁵		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

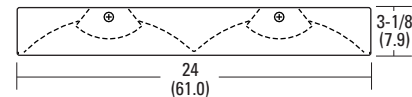
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST	DESCRIPTION
2RT5	2'x4'	2	28T5	GEB90	Premier XP, set light output, 0.90BF
2RT5	2'x4'	2	28T5	GEB90S	Premier XP, step dimming, 0.90BF
2RT5	2'x4'	2	28T5	GEB95	Standard, set light output, 0.95BF
2RT5	2'x4'	2	28T5	GEB95S	Standard, step dimming, 0.95BF
2RT5	2'x4'	2	28T5	GEB115	High light, set light output, 1.15BF
2RT5	2'x4'	2	28T5	GEB115S	High light, step dimming, 1.15BF
2RT5	2'x4'	2	54T5HO	GEB10PS	High output, set light output, 1.0BF
2RT5	2'x2'	2	14T5	GEB115	High light, set light output, 1.15BF
2RT5	2'x2'	2	14T5	GEB115S	High light, step dimming, 1.15BF
2RT5	2'x2'	2	24T5HO	GEB10PS	High output, set light output, 1.0BF

ACCESSORIES

ORDER SEPARATELY

DGA Drywall ceiling adapter, unit installation. Use G trim plus DGA for support in plaster ceilings. (Add 24 for 2'x4', 22 for 2'x2'.)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- See Configurations table for lamp and ballast compatibility.
- 0.95 ballast factor SIMPLY™ system includes 13' SSC RELOC wiring system.
- Required. All fixtures shipped with lamps installed.
- 28T5 lamp type only.
- 14T5, 24T5HO and 54T5HO lamp types only.
- Specify voltage.
- For use with standard, non step-dimming ballast.
- For use with step-dimming ballast.
- Available only with CSA option.

RT5

1'x4'



Also available with high performance LEDs. Contact your local Lithonia sales representative for additional information.

Intended Use

The RT5 Series is designed for applications where comfort, aesthetics and energy savings are important. Provides volumetric lighting for applications such as offices, schools, hospitals, retail and numerous other commercial applications.

Construction

One or two-lamp configuration.

Low-profile 3-1/8" depth makes RT5 ideal for applications where plenum height is a factor.

Two-piece refractor system uses the combination of diffusing optical film and precisely extruded prisms to efficiently diffuse light.

Reflector includes micro-facets that echo the frequency of the prisms in the refractor, providing a quiet appearance in the ceiling.

Lamp accessed by squeezing refractor to release from retention tabs.

Optics

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 to deliver just enough intensity to provide the volumetric effect.

Electrical

Ballast disconnect provided standard where required to comply with U.S. and Canadian electrical codes.

Two-lamp models are available with set light output or step-level dimming. Step-dimming options allow the system to be switched to 50% power for compliance with common energy codes while illuminating both lamps. One-lamp models are available with set light output.

Highly efficient programmed start electronic ballast, Class P, thermally protected, resetting, HPF, non-PCB, UL Listed and CSA certified, sound rated A.

Premier F28T5 lamp with enhanced phosphors and 85 CRI. Ballast/lamp efficacy of 28T5 is 100+ LPW. Side-mount ballast tray accessed by removing adjacent ceiling tile.

Listings

UL Listed. CUL Listed or CSA Certified to Canadian standards – optional. NOM Certified – optional.

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



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: RT5 2 28T5 MVOLT GEB95 LPM835P

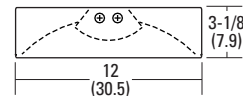
Series	Number of lamps ¹	Lamp type ¹	Voltage	Ballast ¹	Lamp color ³	Options
RT5 1'x4'	1	28T5 28W T5 (46")	MVOLT 347 ⁹	GEB90	LPM835P Lamped with premier 3500°K lamp ⁴ LPM830P Lamped with premier 3000°K lamp ⁴ LPM841P Lamped with premier 4100°K lamp ⁴ L835XP Lamped with premier XP 3500°K lamp ⁴ L830XP Lamped with premier XP 3000°K lamp ⁴ L841XP Lamped with premier XP 4100°K lamp ⁴ LP835 Lamped with 3500°K lamp ⁵ LP830 Lamped with 3000°K lamp ⁵ LP841 Lamped with 4100°K lamp ⁵	GLR
		54T5HO 54W T5HO (46")		GEB90S		PWS1836
	GEB95	PWS1846				
	GEB95S	EL14				
	GEB115	HW				
	GEB115S	CSA				
	GEB10PS	NOM				
	S5					

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST	DESCRIPTION
RT5	1'x4'	1	28T5	GEB10PS	Standard, set light output, 1.0BF
RT5	1'x4'	2	28T5	GEB90	Premier XP, set light output, 0.90BF
RT5	1'x4'	2	28T5	GEB90S	Premier XP, step dimming, 0.90BF
RT5	1'x4'	2	28T5	GEB95	Standard, set light output, 0.95BF
RT5	1'x4'	2	28T5	GEB95S	Standard, step dimming, 0.95BF
RT5	1'x4'	2	28T5	GEB115	High light, set light output, 1.15BF
RT5	1'x4'	2	28T5	GEB115S	High light, step dimming, 1.15BF
RT5	1'x4'	1	54T5HO	GEB10PS	High output, set light output, 1.0BF

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



ACCESSORIES	
ORDER SEPARATELY	
DGA	Drywall ceiling adapter, unit installation. Use G trim plus DGA for support in plaster ceilings. (Add 14 for 1'x4'.)

Notes

- See Configurations table for lamp and ballast compatibility.
- 0.95 ballast factor SIMPLY5™ system includes 13' SSC RELOC® wiring system.
- Required. All fixtures shipped with lamps installed.
- 28T5 lamp type only.
- 54T5HO lamp types only.
- Specify voltage.
- For use with standard, non step-dimming ballast.
- For use with step-dimming ballast.
- Available only with CSA option.

PRODUCT INFORMATION

2RT5 CAS

Air Return
2'x2', 2'x4'



Intended Use

The 2RT5 with center air slots (CAS) is designed for effective air removal from a space. The series is designed for applications where comfort, aesthetics and energy savings are important. Provides volumetric lighting for applications such as offices, schools, hospitals, retail and numerous other commercial applications.

Construction

Center of reflector is slotted on both sides with 1/8"x1" slots, 7/16" on center, to allow for air removal.

Two-lamp configuration provides 33% energy savings when compared to a common three-lamp T8 system.

Low-profile 3-1/8" depth makes RT5 ideal for applications where plenum height is a factor.

Two-piece refractor system uses the combination of diffusing optical film and precisely extruded prisms to efficiently diffuse light.

Reflector includes micro-facets that echo the frequency of the prisms in the refractor, providing a quiet appearance in the ceiling.

Lamp accessed by squeezing refractor to release from retention tabs.

Optics

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 to deliver just enough intensity to provide the volumetric effect.

Electrical

Highly efficient programmed 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.

F14T5 uses GEB115, producing 1.22 ballast factor standard for typical applications. F24T5HO is available for higher ceiling applications.

Step-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 intel-

ligence system with multi-level dimming. See SYNERGY® Control Systems specification sheets for more information.

Ballast disconnect provided standard where required to comply with U.S. and Canadian electrical codes.

Listings

UL Listed. CUL Listed or CSA Certified to Canadian standards – optional. NOM Certified – optional.

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



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: 2RT5 CAS 28T5 MVOLT GEB95 LPM835P

Series	Air function	Lamp type ¹	Voltage	Ballast ¹	Lamp color ³	Options
2RT5	2' wide CAS Air removal	14T5 14W T5 (22")	MVOLT 347 ⁹	GEB90 Ballast factor .90, set light	LPM835P Lamped with premier 3500°K lamp ⁴ LPM830P Lamped with premier 3000°K lamp ⁴ LPM841P Lamped with premier 4100°K lamp ⁴ L835XP Lamped with premier XP 3500°K lamp ⁴ L830XP Lamped with premier XP 3000°K lamp ⁴ L841XP Lamped with premier XP 4100°K lamp ⁴ LP835 Lamped with 3500°K lamp ⁵ LP830 Lamped with 3000°K lamp ⁵ LP841 Lamped with 4100°K lamp ⁵	GLR Fast-blow fuse ⁶
		28T5 28W T5 (46")		GEB90S Ballast factor .90, step dimming		PWS1836 6' prewire, 3/8" diameter, 18-gauge, 3-wire ⁷
		24T5HO 24W T5HO (22")		GEB95 Ballast factor .95, set light		PWS1846 6' prewire, 3/8" diameter, 18-gauge, 4-wire ⁸
		54T5HO 54W T5HO (46")		GEB95S Ballast factor .95, step dimming		EL14 Emergency battery pack
		GEB115 Ballast factor 1.15, set light		HW Hardwire for SIMPLY5™ system; replaces RELOC® wiring		
		GEB115S Ballast factor 1.15, step dimming		CSA Meets Canadian standards		
		GEB10PS Ballast factor 1.0, set light		NOM Meets Mexican standards		
		S5 SIMPLY5™ (.95 BF) ²				

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

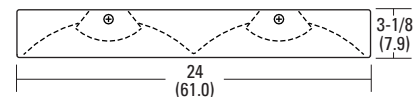
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST	DESCRIPTION
2RT5	2'x4'	2	28T5	GEB90	Premier XP, set light output, .090BF
2RT5	2'x4'	2	28T5	GEB90S	Premier XP, step dimming, 0.90BF
2RT5	2'x4'	2	28T5	GEB95	Standard, set light output, 0.95BF
2RT5	2'x4'	2	28T5	GEB95S	Standard, step dimming, .95BF
2RT5	2'x4'	2	28T5	GEB115	High light, set light output, 1.15BF
2RT5	2'x4'	2	28T5	GEB115S	High light, step dimming, 1.15BF
2RT5	2'x4'	2	54T5HO	GEB10PS	High output, set light output, 1.0BF
2RT5	2'x2'	2	14T5	GEB115	High light, set light output, 1.15BF
2RT5	2'x2'	2	14T5	GEB115S	High light, step dimming, 1.15BF
2RT5	2'x2'	2	24T5HO	GEB10PS	High output, set light output, 1.0BF

ACCESSORIES

ORDER SEPARATELY

DGA Drywall ceiling adapter, unit installation. Use G trim plus DGA for support in plaster ceilings. (Add 24 for 2'x4', 22 for 2'x2'.)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- See Configurations table for lamp and ballast compatibility.
- 0.95 ballast factor SIMPLY5™ system includes 13' SSC RELOC® wiring system.
- Required. All fixtures shipped with lamps installed.
- 28T5 lamp type only.
- 14T5, 24T5HO and 54T5HO lamp types only.
- Specify voltage.
- For use with standard, non step-dimming ballast.
- For use with step-dimming ballast.
- Available only with CSA option.

PRODUCT INFORMATION

RT5N

6" Aperture



Intended Use

The 6" aperture RT5N is the ideal solution for applications requiring a narrow-profile fixture with a distinctive appearance. Provides volumetric lighting for applications such as offices, schools, retail and numerous other commercial applications.

Construction

One or two-lamp configuration.

Low-profile 2-7/8" depth makes RT5N ideal for applications where plenum height is a factor.

Two-piece refractor system uses the combination of diffusing optical film and precisely extruded prisms to efficiently diffuse light.

Drop-refractor design provides small amount of uplight

to wash ceiling, minimizing fixture-to-ceiling luminance ratio. Luminous reveal and end caps provide floating appearance for the refractor.

Lamp accessed by squeezing refractor to release from retention tabs.

Suspended mount available. Consult factory.

Optics

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 to deliver just enough intensity to provide the volumetric effect.

Electrical

A wide variety of ballast configurations including set light output or step-level dimming.

Two-lamp configuration available with step-dimming options, allowing the system to be switched to 50% power for compliance with common energy codes while illuminating both lamps.

Highly efficient programmed start electronic ballast, Class P, thermally protected, resetting, HPF, non-PCB, UL Listed and CSA Certified, sound rated A.

Premier F28T5 lamp with enhanced phosphors and 85 CRI. Ballast/lamp efficacy of 28T5 is 100+ LPW.

Ballast disconnect provided standard where required to comply with U.S. and Canadian electrical codes.

Listings

UL Listed. CUL Listed or CSA Certified to Canadian standards – optional. NOM Certified – optional.

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



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: RT5N 1 28T5 MVOLT GEB10PS LPM835P

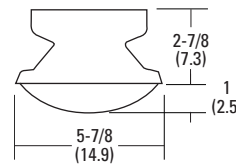
Series	Number of lamps ¹	Lamp type ¹	Voltage	Ballast ¹	Lamp color ⁴	Options
RT5N 4' long	1	28T5 28W T5 (46")	MVOLT	GEB95 Ballast factor .95, set light	LPM835P Lamped with premier 3500°K lamp ⁵	GLR Fast-blow fuse ⁷
TRT5N 8' long	2	54T5HO 54W T5HO (46")	347 ²	GEB95S Ballast factor .95, step dimming	LPM830P Lamped with premier 3000°K lamp ⁵	EL14 Emergency battery pack
				GEB115 Ballast factor 1.15, set light	LPM841P Lamped with premier 4100°K lamp ⁵	HW Hardwire for SIMPLY TM system; replaces RELOC [®] wiring
				GEB115S Ballast factor 1.15, step dimming	LP835 Lamped with 3500°K lamp ⁶	CSA Meets Canadian standards
				GEB10PS Ballast factor 1.0, set light	LP830 Lamped with 3000°K lamp ⁶	NOM Meets Mexican standards
				S5 SIMPLY TM (.95 BF) ³	LP841 Lamped with 4100°K lamp ⁶	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
SERIES	LENGTH	LAMPS PER CROSS SECTION	LAMP TYPE	BALLAST	DESCRIPTION
RT5N	4'	1	28T5	GEB10PS	Standard, set light output, 1.0BF
RT5N	4'	1	54T5HO	GEB10PS	Standard, set light output, 1.0BF
RT5N	4'	2	28T5	GEB95	Standard, set light output, .95BF
RT5N	4'	2	28T5	GEB95S	Standard, step dimming, .95BF
RT5N	4'	2	28T5	GEB115	High light, set light output, 1.15BF
RT5N	4'	2	28T5	GEB115S	High light, step dimming, 1.15BF
RT5N	4'	2	54T5HO	GEB10PS	Standard, set light output, 1.0BF
TRT5N	8'	1	28T5	GEB115	High light, set light output, 1.15BF
TRT5N	8'	1	28T5	GEB115S	High light, step dimming, 1.15BF
TRT5N	8'	1	28T5	GEB95	Standard, set light output, .95BF
TRT5N	8'	1	28T5	GEB95S	Standard, step dimming, .95BF
TRT5N	8'	1	54T5HO	GEB10PS	Standard, set light output, 1.0BF
TRT5N	8'	2	28T5	GEB95	Standard, set light output, .95BF
TRT5N	8'	2	28T5	GEB95S	Standard, step dimming, .95BF
TRT5N	8'	2	28T5	GEB115	High light, set light output, 1.15BF
TRT5N	8'	2	28T5	GEB115S	High light, step dimming, 1.15BF
TRT5N	8'	1	54T5HO	GEB10PS	Standard, set light output, 1.0BF

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- See Configurations table for lamp and ballast compatibility.
- Available only with CSA option.
- 0.95BF SIMPLYTM system includes 13' SSC RELOC[®] wiring system.
- Required. All fixtures shipped with lamps installed.
- 28T5 lamp type only.
- 54T5HO lamp type only.
- Specify voltage.

Intended Use

The 2RT5B Series is designed for applications where comfort, aesthetics and energy savings are important. Provides volumetric lighting for applications such as offices, schools, hospitals, retail and numerous other commercial applications.

Construction

Two-lamp configuration provides 33% energy savings when compared to a common three-lamp T8 system.

Impact-modified acrylic prismatic refractor. One-piece, vacuum-formed PETE

(poly-ethylene) trim with embossed facets.

Low-profile 3-3/16" depth makes 2RT5B ideal for applications where plenum height is a factor. Reflector includes a micro-facets that echo the frequency of the prisms in the refractor, providing a quiet appearance in the ceiling. Lamp accessed by unlatching trim and allowing it to hinge open for easy maintenance. Ballast is accessed from below by removing channel cover.

Optics

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 to deliver just enough intensity to provide the volumetric effect.

Electrical

A wide variety of ballast configurations including set light output or step-level dimming. Step-dimming options allow the system to be switched to 50% power for compliance with common energy codes while illuminating both lamps. Highly efficient programmed start electronic ballast, Class P, thermally protected, resetting, HPF, non-PCB, UL Listed and CSA Certified, sound rated A.

Premier F28T5 lamp with enhanced phosphors and 85 CRI. Ballast/lamp efficacy of 28T5 is 100+ LPW.

Ballast disconnect provided standard where required to comply with U.S. and Canadian electrical codes.

Listings

UL Listed. CUL Listed or CSA Certified to Canadian standards – optional. NOM Certified – optional.

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

2RT5B

2'x2', 2'x4', 1'x4'



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: 2RT5B 2 28T5 MVOLT GEB95 LPM835P

Series	Trim	Grid	Flange	Number of lamps	Lamp type ²	Voltage	Ballast ²		
2RT5B	2' wide	(blank)	Grid	1 ¹	14T5 14W T5 (22")	MVOLT	GEB90	Ballast factor .90, set light	GEB115 Ballast factor 1.15, set light
RT5B	1' wide	F	Flange	2	24T5HO 24W T5HO (22")	347 ⁷	GEB90S	Ballast factor .90, step dimming	GEB115S Ballast factor 1.15, step dimming
					28T5 28W T5 (46")		GEB95	Ballast factor .95, set light	GEB10PS Ballast factor 1.0, set light
					54T5HO 54W T5HO (46")		GEB95S	Ballast factor .95, step dimming	SS SIMPLY [™] (.95 BF) ³

Lamp color ⁸	Options
LPM835P Lamped with premier 3500°K lamp ⁴	GLR Fast-blow fuse ⁶
LPM830P Lamped with premier 3000°K lamp ⁴	EL14 Emergency battery pack
LPM841P Lamped with premier 4100°K lamp ⁴	HW Hardwire for SIMPLY [™] system; replaces RELOC [®] wiring
L835XP Lamped with premier XP 3500°K lamp ⁴	CSA Meets Canadian standards
L830XP Lamped with premier XP 3000°K lamp ⁴	NOM Meets Mexican standards

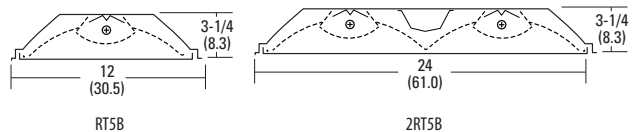
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST	DESCRIPTION
2RT5B	2'x4'	2	28T5	GEB90	Premier XP, set light output, 0.90BF
2RT5B	2'x4'	2	28T5	GEB90S	Premier XP, step dimming, 0.90BF
2RT5B	2'x4'	2	28T5	GEB95	Standard, set light output, 0.95BF
2RT5B	2'x4'	2	28T5	GEB95S	Standard, step dimming, 0.95 BF
2RT5B	2'x4'	2	28T5	GEB115	High light, set light output, 1.15BF
2RT5B	2'x4'	2	28T5	GEB115S	High light, step dimming, 1.15BF
2RT5B	2'x4'	2	54T5HO	GEB10PS	Standard, set light output, 1.0BF
2RT5B	2'x2'	2	14T5	GEB115	Standard, set light output, 1.15BF
2RT5B	2'x2'	2	14T5	GEB115S	Standard, step dimming, 1.15BF
2RT5B	2'x2'	2	24T5HO	GEB10PS	Standard, set light output, 1.0BF
RT5B	1'x4'	1	28T5	GEB10PS	Standard, set light output, 1.0BF
RT5B	1'x4'	1	54T5HO	GEB10PS	Standard, set light output, 1.0BF
RT5B	1'x4'	2	28T5	GEB90	Standard, set light output, 0.95BF
RT5B	1'x4'	2	28T5	GEB90S	Premier XP, step dimming, 0.90BF
RT5B	1'x4'	2	28T5	GEB95	Standard, set light output, 0.95BF
RT5B	1'x4'	2	28T5	GEB95S	Standard, step dimming, 0.95 BF
RT5B	1'x4'	2	28T5	GEB115	High light, set light output, 1.15BF
RT5B	1'x4'	2	28T5	GEB115S	High light, step dimming, 1.15BF

ACCESSORIES	
ORDER SEPARATELY	
DGA_	Drywall ceiling adapter, unit installation. Use G trim plus DGA for support in plaster ceilings. (Add 24 for 2'x4' and 22 for 2'x2' and 14 for 1'x4'.)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 RT5 1x4 only.
- 2 See Configurations table for lamp and ballast compatibility.
- 3 0.95 ballast factor SIMPLY[™] system includes 13' SSC Reloc[®] wiring system.
- 4 28T5 lamp type only.
- 5 14T5, 24T5HO and 54T5HO lamp types only.
- 6 Specify voltage.
- 7 Available only with CSA option.
- 8 Required. All fixtures shipped with lamps installed.

PRODUCT INFORMATION

2RT8B

2'x2', 2'x4', 1'x4'



Intended Use

The 2RT8B Series is designed for applications where comfort, aesthetics and energy savings are important. Provides volumetric lighting for applications such as offices, schools, hospitals, retail and numerous other commercial applications.

Construction

Impact-modified acrylic prismatic refractor.

One-piece, vacuum-formed PETE (polyethylene) trim with embossed facets.

Low-profile 3-3/16" depth makes 2RT8B ideal for applications where plenum height is a factor. Reflector includes

micro-facets that echo the frequency of the prisms in the refractor, providing a quiet appearance in the ceiling.

98% reflective ALANOD MIRO-SILVER® optical assembly efficiently redirects lamp output into the refractor.

Lamp accessed by unlatching trim and allowing it to hinge open for easy maintenance. Ballast is accessed from below by removing channel cover.

Optics

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

istics are carefully managed at high angles to deliver just enough intensity to provide the volumetric effect.

Electrical

A wide variety of ballast configurations including CEE (Consortium of Energy Efficiency) are available. Other ballast types include set light output or step-level dimming. Step-dimming options allow the system to be switched to 50% power for compliance with common energy codes while illuminating both lamps.

Highly efficient electronic ballast, Class P, thermally protected, resetting, HPF,

non-PCB, UL Listed and CSA Certified, sound rated A.

Ballast disconnect provided standard where required to comply with U.S. and Canadian electrical codes.

Listings

UL Listed, CUL Listed or CSA Certified to Canadian standards – optional. NOM Certified – optional.

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



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: 2RT8B 2 32 MVOLT BINP LP835HT8

Series	Trim	Number of lamps ¹	Lamp type ¹	Voltage	Ballast ¹	Lamp color ⁸	Options
2RT8B	2' wide	(blank)	Grid	1	17 17W T8 (24")	MVOLT	GEB10IS T8 electronic ballast, ≤10% THD, instant start
RT8B	1' wide	F	Flange	2	32 32W T8 (48")	347 ⁵	GEB10RS T8 electronic ballast, ≤10% THD, programmed rapid start
					BILP		T8 high-performance ballast, low ballast factor (.78), instant start ²
					BINP		T8 high-performance ballast, normal ballast factor (.88), instant start ²
					BIHP		T8 high-performance ballast, high ballast factor (1.2), instant start ^{2,3}
					BSNP		T8 high-performance, normal ballast factor (.88), step-dim programmed start, 2 lamp only ^{2,3,7}
						LP835	Lamped with 3500°K lamp
						LP830	Lamped with 3000°K lamp
						LP841	Lamped with 4100°K lamp
						L835HT8	Lamped with long-life 3500°K lamp
						L830HT8	Lamped with long-life 3000°K lamp
						L841HT8	Lamped with long-life 4100°K lamp
							GLR Fast-blow fuse ⁴
							EL Emergency battery pack ⁶
							CSA Meets Canadian standards
							NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

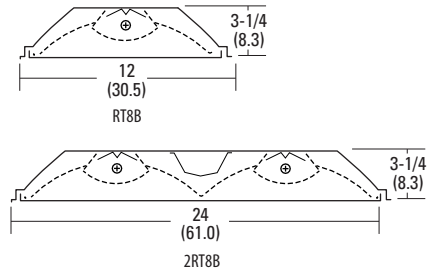
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST	DESCRIPTION
2RT8B	2'x4'	2	32	BILP	High efficiency, instant start, 0.78BF
2RT8B	2'x4'	2	32	BINP	High efficiency, instant start, 0.88BF
2RT8B	2'x4'	2	32	BIHP	High efficiency, instant start, 1.2BF
2RT8B	2'x4'	2	32	BSNP	High efficiency, step dimming, 0.88BF
2RT8B	2'x4'	2	32	GEB10IS	Instant start, 0.88BF
2RT8B	2'x4'	2	32	GEB10RS	Programmed rapid start, 0.88BF
2RT8B	2'x2'	2	17	BILP	High efficiency, instant start, 0.81BF
2RT8B	2'x2'	2	17	BINP	High efficiency, instant start, 0.90BF
2RT8B	2'x2'	2	17	BIHP	High efficiency, instant start, 1.2BF
2RT8B	2'x2'	2	17	BSNP	High efficiency, step dimming, 0.88BF
2RT8B	2'x2'	2	17	GEB10IS	Instant start, 0.88BF
2RT8B	2'x2'	2	17	GEB10RS	Programmed rapid start, 0.88BF
RT8B	1'x4'	1	32	BILP	High efficiency, instant start, 0.78BF
RT8B	1'x4'	1	32	BINP	High efficiency, instant start, 0.88BF
RT8B	1'x4'	1	32	BIHP	High efficiency, instant start, 1.2BF
RT8B	1'x4'	1	32	GEB10IS	Instant start, 0.88BF
RT8B	1'x4'	1	32	GEB10RS	Programmed rapid start, 0.88BF

ACCESSORIES

ORDER SEPARATELY

DGA_ Drywall ceiling adapter, unit installation. Use G trim plus DGA for support in plaster ceilings. (Add 24 for 2'x4', 22 for 2'x2', 14 for 1'x4'.)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 See Configurations table for lamp and ballast compatibility.
- 2 CEE qualified HPT8, NEMA Premium® ballast to qualify for many utility rebates.
- 3 Not available for 347V.
- 4 Specify voltage.
- 5 Available only with CSA option.
- 6 Consult www.lithonia.com for available options.
- 7 Available with two-lamp model only.
- 8 Required. All fixtures shipped with lamp installed.

2RT5R

2'x2', 2'x4'



Also available for many lensed troffers. Visit www.lithonia.com/Relight for additional information.

Intended Use

The RT5™ relight assembly is the ideal solution for renovating obsolete parabolic systems, delivering quality of light and refreshing the space. RT5R volumetric lighting eliminates the parabolic cave effect by delivering the ideal amount of light to walls, cubicles, work surfaces and people.

RT5R is suitable for replacing any 2'x4' parabolic fixture with at least 4-3/8" overall depth. 2RT5R is not specifically designed for lensed troffers. The RT5 relight assembly is recommended for offices, schools, hospitals, commercial and

other general lighting applications.

Construction

The relight assembly consists of five component parts that easily install into the host fixture. Compatible with field-installed emergency battery packs.

Optics

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

Electrical

Step-dimming (100% to 50%) ballasts are available to provide bi-level switching for increased energy savings

using existing wiring and wall switches. SIMPLY5™ options and other dimming options are available for even greater control.

Ballast disconnect provided standard where required to comply with U.S. and Canadian electrical codes.

Listings

UL / CUL Classified. Does not impact existing fixture UL listing. Labeled for use in air-handling units.

Protected by one or more of U.S. Patents Nos. 7,229,192; D541,467; D541,468; D544,633; D544,634; D544,992 and D544,933. Additional patents pending.



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: 2RT5R 28T5 MVOLT GEB95 LPM835P

Series	Lamp type	Voltage	Ballast
2RT5R Recessed relight	14T5 14W T5 (22")	MVOLT² 347 ^{3,8}	GEB95 Ballast factor .95, set light
	24T5HO 24W T5HO (22") ¹		GEB10PS Ballast factor 1.0, set light ⁴
	28T5 28W T5 (46")		SS SIMPLY5™ (.95 BF)
			SS115 SIMPLY5™ (1.15 BF)
			GEB95S Ballast factor .95, step dimming
			GEB115 Ballast factor 1.15, set light
			GEB115S Ballast factor 1.15, step dimming

Lamp color ⁵	Options
LPM835P Lamped with premium 3500°K lamp ⁶	JP16 Job packaging - 16 kits (2'x4' units)
LPM830P Lamped with premium 3000°K lamp ⁶	JP32 Job packaging - 32 kits (2'x2' units)
LPM841P Lamped with premium 4100°K lamp ⁶	CSA Meets Canadian standards
LP835 Lamped with 3500°K lamp ⁷	
LP830 Lamped with 3000°K lamp ⁷	
LP841 Lamped with 4100°K lamp ⁷	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ENERGY AND LIGHT LEVEL COMPARISON

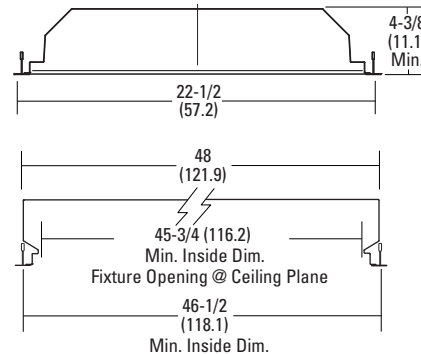
SYSTEM	LIGHT LEVEL	INPUT WATTS	WATTS/SF	WATTS SAVED	% SAVINGS	\$ SAVINGS PER YEAR	LER
Parabolic, three 2800 lumen T8 lamps, .88 ballast factor	69	88	1.06	Base	Base	Base	65
RT5R, two 2730 lumen T5 lamps, .95 ballast factor	50	58	0.72	30	34%	\$9.60	79

Light level in footcandles is calculated based on 8x10 mounting centers, 9 foot ceilings, 60x60 room, 80/50/20 reflectances, .95 LLD, .90 LDD, horizontal light level on 2.5 foot workplane height. Annual savings based on 4000 operating hours, \$.08/kwh. Luminaire Efficacy Rating (LER) is fixture lumen output divided by fixture input wattage.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

FIT COMPATIBILITY

The RT5™ relight assembly (RT5R) was engineered to upgrade parabolic fixtures from all major manufacturers conforming to the following dimensions.



Relight assemblies also will upgrade many existing "deep" lensed troffers conforming to these dimensions. Relight assemblies will not upgrade "contractor-grade" lensed troffers or lensed troffers previously upgraded with parabolic renovator kits. In addition to conforming to the dimensions above, Lithonia Lighting recommends a trial installation prior to purchasing project quantities.

Notes

- 1 T5HO lamp type available only with GEB10PS.
- 2 MVOLT (120-277V), 50-60Hz.
- 3 Use GEB95S for 14T5 or 28T5; use GEB10PS for 24T5HO.
- 4 Available only with 24T5HO.
- 5 Required. All fixtures shipped with lamps installed.
- 6 28T5 lamp type only
- 7 14T5 and 24T5HO lamp type only.
- 8 Available only with CSA option.