2RT8S/RT8B

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

Intended Use

The RT8S/RT8B Series is designed for applications where comfort, aesthetics and energy savings are important. Luminous characteristics are carefully managed at high angles, providing just enough intensity to deliver the volumetric effect. The RT8S is the ideal solution for economical volumetric lighting.

Features

- Enhances the space with volumetric lighting - eliminates dark shadows and opens up the space while providing ideal lighting appearance on vertical surfaces
- Micro-facet reflector echos the frequency of prisms in the refractor providing a quiet appearance in the ceiling
- 33% energy saving when compared to common 3 lamp fluorescent parabolics
- Ideal for shallow plenums - only 3-1/4" depth, 4-1/2" (1X4)
- Available with grid or flange options
- 2x2 and 2x4 configurations include full steel door assembly, 1x4 doorframe includes PETE trim

Listings

UL Listed to U.S. and Canadian safety standard. Optional NOM Certification. 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

Specifications subject to change.

Example: 2RT8S 2 32 MVOLT BINP LP835HT8

Series	Trim	Number of lamps[1]	Lamp type[1]	Voltage	Ballast[1]	Lamp color	Options
2RT8S 2' wide	(blank) Grid	1	17 17W T8 (24")	MVOLT	GEB10IS T8 electronic ballast, ≤10% THD, instant start	LP835 Lamped with 3500K lamp	GLR Fast-blow fuse[6]
RT8B 1' wide	F Flange	2	32 32W T8 (48")	347[2]	GEB10RS T8 electronic ballast, ≤10% THD, programmed rapid start	LP830 Lamped with 3000K lamp	EL Emergency battery pack
					BILP T8 high-performance ballast, low ballast factor (.78), instant start[3]	LP841 Lamped with 4100K lamp	CSA Meets Canadian standards
					BINP T8 high-performance ballast, normal ballast factor (.88), instant start[3]	L835HT8 Lamped with long-life 3500K lamp	NOM Meets Mexican standards
					BIHP T8 high-performance ballast, high ballast factor (1.2), instant start[3,4]	L830HT8 Lamped with long-life 3000K lamp	
					BSNP T8 high-performance, normal ballast factor (.88), step-dim programmed start, 2 lamp only[3,4,5]	L841HT8 Lamped with long-life 4100K lamp	

ADDITIONAL INFORMATION

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

CONFIGURATIONS

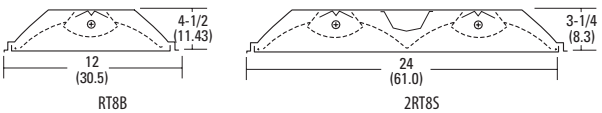
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST	DESCRIPTION
2RT8S	2'x4'	2	32	BILP	High efficiency, instant start, 0.78BF
2RT8S	2'x4'	2	32	BINP	High efficiency, instant start, 0.88BF
2RT8S	2'x4'	2	32	BIHP	High efficiency, instant start, 1.2BF
2RT8S	2'x4'	2	32	BSNP	High efficiency, step dimming, 0.88BF
2RT8S	2'x4'	2	32	GEB10IS	Instant start, 0.88BF
2RT8S	2'x4'	2	32	GEB10RS	Programmed rapid start, 0.88BF
2RT8S	2'x2'	2	17	BILP	High efficiency, instant start, 0.81BF
2RT8S	2'x2'	2	17	BINP	High efficiency, instant start, 0.90BF
2RT8S	2'x2'	2	17	BIHP	High efficiency, instant start, 1.2BF
2RT8S	2'x2'	2	17	BSNP	High efficiency, step dimming, 0.88BF
2RT8S	2'x2'	2	17	GEB10IS	Instant start, 0.88BF
2RT8S	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 suport 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 Available only with CSA option.
3 CEE qualified HPT8, NEMA Premium® ballast to qualify for many utility rebates.
4 Not available for 347V.
5 Available with two-lamp model only.
6 Specify voltage.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.