

Day-Brite

CFI

by Signify

Linear

RESR series

Recessed strip retrofit kit



Project:	
Location:	
Cat.No:	
Type:	
Lamps:	Qty:
Notes:	

Day-Brite / CFI RESR recessed strip retrofit kit is designed to offer the end user a cost effective way to increase the efficiency and lumen output of existing recessed 1x4 and 1x8 fixtures. Custom fabricated for the existing channel width, the RESR conversion kit is easy to install and provides for high efficiency general lighting.

Applications include supermarkets and retail applications.

RESR retrofit kits are available with a variety of lamp and reflector combinations allowing the customer to design the RESR system to meet or exceed existing light levels and customize the “look” to match their specific needs. Day-Brite recommends the coupling of the Diffuse Amwhite reflector with high lumen T8 lamps, as a way to maximize lumen output while maintaining an aesthetic fixture appearance.

The RESR strip retrofit is designed for easy installation in existing recessed 1x4 and 1x8 fixtures.

Ordering guide

Fixture Series	Channel Width	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Options	Lamp Color	Lamp Options
RESR										

Fixture ordering guide

Fixture Series	Channel Width	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Options	Lamp Color	Lamp Options*4
RESR	Specify*2	1	25	BLANK	BLANK	NB*3	E	E ()	BLANK	HP
RESRT*1		2	32	12	1	HI	W	F	830	TG
RESR12T*1				27	2	LI	B	SDT	835	SS
RESR16T*1				34	3	SI		PC	841	ES ()
RESR20T*1				UV		SH+		US*3	850	XL
RESR24T*1				HV		PS		NS		
						PSL				
						PSH				
						PD				
						SDH				
						AX				

*1 RESRT is an 8ft Tandem fixture, RESR 12T is a 12ft Tandem fixture, RESR 16T is a 16ft Tandem fixture, RESR 20T is a 20ft Tandem fixture & RESR 24T is a 24ft Tandem fixture, # of lamps are for the profile of the fixture (4' lamps).

*2 Specify existing channel width.

*3 RESR ordered with No Ballast (NB) will be shipped with Shunted Sockets, unless Unshunted Sockets (US) are specified.

*4 Consult factory for manufacturing specific ordering codes/availability.

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Light Distribution

This fixture has a custom reflector that is designed to provide optimal light distribution in retail aisles.

Product Construction

The channel cover is made from 0.028" cold rolled steel, and custom fabricated to fit the existing channel width. The brake-formed cover is designed with ease of installation in mind. Exterior surfaces are finished with highly reflective white paint.

Optical Reflector

The system is precision brake formed of the selected aluminum material. The one piece reflector is removable without the use of tools, using 1/4 turn fasteners to secure it in place.

Lampholders

Made of a Polycarbonate material; these locking-style lampholders are utilized to ensure positive lamp retention. Additionally, the material contributes to a longer life product in high temperature applications.

Ballasts

All ballasts are electronic instant-start (T8) as a standard. Optional ballasts are available, consult factory for available systems and system specifications. Available voltages: 120v, 277v, 347v, voltage sensing 120-277v and 347-480v.

Listings

All fixtures are UL and CUL listed.

Available fixture selections

Lamp Type Selections	Ballast Selections	Reflector Selections	Options Selections	Lamp Color Selections
25 F25T8 System 32 F32T8 System	NB Ballast Not Included HI High Ballast Factor (HBF) Electronic LI Low Ballast Factor (LBF) Electronic SI Standard Ballast Factor (NBF) Electronic SI+ 1.0BF Electronic PS Programmed Start (NBF) PSL Programmed Start LBF PSH Programmed Start HBF PD Programmed Start Dimming SDH Step Dimming HBF (100% to 60% Dimming) AX Daylight Harvesting Ballast with Remote Mount Photosensor	E Enhanced Aluminum W Highly Reflective White Aluminum B 95% Reflective Extreme White Aluminum	E() Emergency Pack (# Lumens) F Inline Fuse SDT Step Down Transformer (480V to 277V) PC Photocell US Unshunted Sockets NS No Sockets	BLANK Lamps Not Included 830 80+ CRI, 3000K 835 80+ CRI, 3500K 84I 80+ CRI, 4100K 850 80+ CRI, 5000K
Voltage Selections				Lamp Options Selections
BLANK No Ballast I2 120V 27 277V 34 347V UV 120-277V HV 347-480V				HP High Performance, Long Life Lamps TG Tubeguarded Lamps SS Shattershielded Lamps ES() Energy Saver (Specify Wattage)* XL Long Life
				* 32w T8 Only

Common fixture selections

Catalog number	System	# of lamps	Wattage (120/277V)*	Initial system lumens*	Mean system lumens*
RESR 232 UV IHI E	T8	2	74w / 73w	7,130	6,900
RESRT 132 UV IPSH E	T8	2	75w / 74w	7,130	6,900
RESR 16T 132 UV IHI W	T8	4	147w / 145w	14,260	13,800

*Wattages may vary depending on the ballast manufacturer and lamp type used.

Initial and mean system lumens are the initial/mean lumen output of the lamp/ballast system as rated by lamp and ballast manufacturer and may vary from manufacturer to manufacturer.

Specifications and dimensions subject to change without notice. Contact Day-Brite for current availability and ordering information.

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Dimensions

