

Applications:

- 300mm continuous plank ceiling systems
- Marine interiors, including: pilot house, state room, offices, corridors/passageways and galley

Features:

- No trim kit or additional hardware required
- Multi-voltage electronic ballast resistant to brownouts or voltage and frequency fluctuations
- 2 ft. (600mm) or 4 ft. (1200mm) models
- Filter tube options allow colored lamps to operate on a separate circuit for darken ship mode
- 3-lamp models are provided with two ballasts for independent switching or color effects
- Optional self-contained emergency battery back-up ballasts with test switch
- Optional long life T5 lamps available upon request (contact factory)

Certifications and compliances:

- UL1598A – Luminaires for Marine Vessels
- UL924 – Emergency Lighting Equipment
- Conforms to IP52
- Marine Inside Drip Proof Type
- ABS

Standard materials and finishes:

- Housing and lens frame – cold rolled steel with polyester powder coat finish
- Lens – flat prismatic DR acrylic
- Reflector – Type 5052H32 aluminum with white polyester powder coat
- Lamp holder – polycarbonate

Technical specifications:

- Entries – one 1/2" NPT slip fit hole on top
- Terminal block – 4-pole
- Ballast – 120-277V, 50/60 Hz electronic, except F20 and F40 T12 bi-pin, which are 120V, 60 Hz

Watts	Ballast / socket type	ANSI lamp code	Starting temperature	Max. ambient °C	Supply wire °C
17	T8 bi-pin G13	F17-T8	0°F (-18°C)	55	90
32	T8 bi-pin G13	F32-T8	-20°F (-29°C)	55	90
14/28	T5 mini bi-pin G5	F14/F28-T5	0°F (-18°C)	55	90
24/54	T5HO mini bi-pin G5	F24/F54-T5HO	-20°F (-29°C)	55	90

- Emergency battery back-up ballast – optional, self-contained 90 minute minimum for all lamp types; 120 minute minimum for F32T8 one lamp; starting temperature 32°F/0°C

Mounting option:

- Recessed mount for 300mm linear plank ceilings

Photometrics:

- Complete photometrics can be found at www.crouse-hinds.com/photometrics

A For T5 and T5HO, EM ballast is fixed voltage, 120 or 277V, 50/60 Hz.

B Lamps are not included unless option 'L' or 'LL' is specified.

C Not available in 24W or 54W.



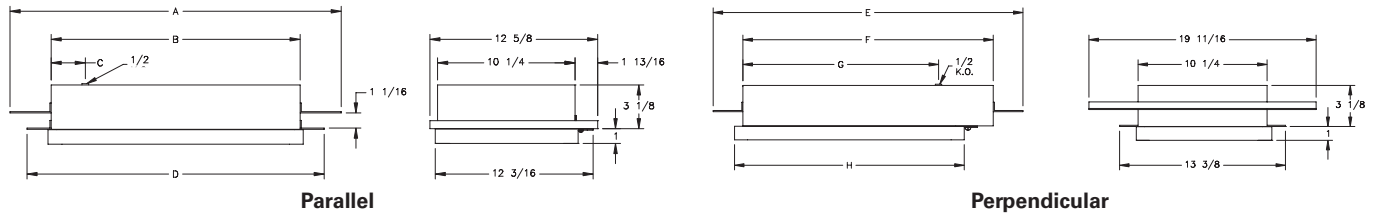
Options:

Description	Suffix
• Emergency battery back-up ballast, one lamp, 277V max., test switch.....	EMT2^A
• Emergency battery back-up ballast, high lumen, one lamp, 277V max., test switch.....	EMT3^A
• Lamps.....	L^B
• Long life lamps (F54T5HO only).....	LL^B
• 220V, 50 Hz ballast (T12 bi-pin only).....	225
• 220V, 60 Hz ballast (T12 bi-pin only).....	226
• 277V, 60 Hz ballast (T12 bi-pin only).....	276
• Parabolic louver.....	P
• Metallized square grids.....	C
• Red filter tube with separate ballast (one lamp).....	RV-1^C
• Red filter tube (all lamps).....	RV^C
• Blue filter tube with separate ballast (one lamp).....	BV-1^C
• Blue filter tube (all lamps).....	BV^C
• Dimming ballast.....	DIM

Ordering information:

Cat. #	Mounting style	Lamp type	No. of lamps / nominal lamp wattage	Weight (lbs.)
FDA214PAR	Parallel	F14T5	2 x 14W	14.0
FDA217PAR	Parallel	F17T8	2 x 17W	14.0
FDA220PAR	Parallel	F20T12	2 x 20W	15.0
FDA224PAR	Parallel	F24T5HO	2 x 24W	14.0
FDA228PAR	Parallel	F28T5	2 x 28W	23.0
FDA232PAR	Parallel	F32T8	2 x 32W	23.0
FDA240PAR	Parallel	F40T12ES	2 x 34W	23.0
FDA254PAR	Parallel	F54T5HO	2 x 54W	22.0
FDA314PAR	Parallel	F14T5	3 x 14W	17.0
FDA317PAR	Parallel	F17T8	3 x 17W	17.0
FDA320PAR	Parallel	F20T12	3 x 20W	18.0
FDA324PAR	Parallel	F24T5HO	3 x 24W	17.0
FDA328PAR	Parallel	F28T5	3 x 28W	26.0
FDA332PAR	Parallel	F32T8	3 x 32W	26.0
FDA340PAR	Parallel	F40T12ES	3 x 34W	27.0
FDA354PAR	Parallel	F54T5HO	3 x 54W	26.0
FDA214PER	Perpendicular	F14T5	2 x 14W	14.0
FDA217PER	Perpendicular	F17T8	2 x 17W	15.0
FDA220PER	Perpendicular	F20T12	2 x 20W	16.0
FDA224PER	Perpendicular	F24T5HO	2 x 24W	15.0
FDA228PER	Perpendicular	F28T5	2 x 28W	25.0
FDA232PER	Perpendicular	F32T8	2 x 32W	25.0
FDA240PER	Perpendicular	F40T12ES	2 x 34W	25.0
FDA254PER	Perpendicular	F54T5HO	2 x 54W	24.0
FDA314PER	Perpendicular	F14T5	3 x 14W	18.0
FDA317PER	Perpendicular	F17T8	3 x 17W	18.0
FDA320PER	Perpendicular	F20T12	3 x 20W	17.0
FDA324PER	Perpendicular	F24T5HO	3 x 24W	18.0
FDA328PER	Perpendicular	F28T5	3 x 28W	27.0
FDA332PER	Perpendicular	F32T8	3 x 32W	27.0
FDA340PER	Perpendicular	F40T12ES	3 x 34W	28.0
FDA354PER	Perpendicular	F54T5HO	3 x 54W	27.0

Dimensions (in inches):



	A	B	C	D	E	F	G	H
14W, 17W, 20W, 24W	33 ³ / ₄	24 ¹⁵ / ₁₆	5	28 ⁷ / ₂	29 ⁷ / ₁₆	24 ¹⁵ / ₁₆	20	22 ² / ₈
28W, 32W, 40W, 54W	57 ¹ / ₂	45 ¹¹ / ₁₆	14 ³ / ₄	52 ⁷ / ₄	53 ⁵ / ₈	49 ⁷ / ₃	34	46 ⁷ / ₄

Accessories (ordered separately):

Cat. #	Description	Cat. #	Description
FX5350	Ballast 120-277 VAC, 50/60 Hz, 1 x 14W	FX2106	Lens, parallel, 2 ft. models
FX5174	Ballast 120-277 VAC, 50/60 Hz, 1 x 17W	FX2107	Lens, perpendicular, 2 ft. models
FX5307	Ballast 120-277 VAC, 50/60 Hz, 1 x 24W	FX2104	Lens, parallel, 4 ft. models
FX5350	Ballast 120-277 VAC, 50/60 Hz, 1 x 28W	FX2105	Lens, perpendicular, 4 ft. models
FX5221	Ballast 120-277 VAC, 50/60 Hz, 1 x 32W	FX4048	Lamp holder, locking (17/20/32/40W)
FX5305	Ballast 120-277 VAC, 50/60 Hz, 1 x 54W	FX4064	Lamp holder, T5HO (14/24/28/54W)
FX5350	Ballast 120-277 VAC, 50/60 Hz, 2 x 14W	FX3070	Terminal block, 4-pole
FX5340	Ballast 120-277 VAC, 50/60 Hz, 2 x 17W	FX2193RED	Filter tube, red 17W T8
FX5307	Ballast 120-277 VAC, 50/60 Hz, 2 x 24W	FX2192RED	Filter tube, red 20W T12
FX5350	Ballast 120-277 VAC, 50/60 Hz, 2 x 28W	FX2198RED	Filter tube, red 32W T8
FX5340	Ballast 120-277 VAC, 50/60 Hz, 2 x 32W	FX2194RED	Filter tube, red 34W T12
FX5305	Ballast 120-277 VAC, 50/60 Hz, 2 x 54W	FX2192BLU	Filter tube, blue 20W T12
FX5009	Ballast 120V, 60 Hz, 1 x 20W		
FX5326	Ballast 120V, 60 Hz, 1 x 34W		
FX5326	Ballast 120V, 60 Hz, 1 x 40W		
FX5001	Ballast 120V, 60 Hz, 2 x 20W		
FX5004	Ballast 120V, 60 Hz, 2 x 34W		
FX5004	Ballast 120V, 60 Hz, 2 x 40W		
FX3573	Lamp, 14W, F14T5		
FX3574	Lamp, 28W, F28T5		
FX3568	Lamp, 24W, F24T5HO		
FX3567	Lamp, 54W, F54T5HO		
FX3577	Lamp, 54W, long life, F54T5HO		
FX3528	Lamp, 17W, F17T8		
FX3527	Lamp, 32W, F32T8		
FX3506	Lamp, 20W, F20T12		
FX3504ES	Lamp, 34W, F40T12ES		