

EFU Fluorescent Factory Sealed Luminaires

Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit Suitable for use in Wet Locations

Class I, Division 1 and 2, Groups C, D
Class II, Division 1 and 2, Groups E, F, G
Class III

Applications

- Classified areas such as inside paint spray booths, in pharmaceutical firms, paint-manufacturing plants, printing plants or any location where ignitable dust, fumes, gases, paint residue, paint powder or corrosive atmospheres may be present.

Features

- Factory sealed unit – no external seals required. Installation is easy.
- A wide range of ballasts and voltages are available for both domestic and export applications.
- Three hubs on each end of fixture provide for straight-down mounting or at 45° to either side. Two close-up plugs furnished for each end of fixture.
- Explosionproof, impact-resistant and heat-resistant glass tubes protect lamps.
- Reflectors can easily be removed for replacement or cleaning using only a screwdriver.
- Appleton EFU fixtures are supplied with Class P ballasts, equipped with an automatic thermally activated protective device. They offer protection against excessive voltage, internal ballast short circuiting, inadequate lamp maintenance and improper fixture application.
- Non-sparking exterior surfaces for safer operation.

Standard Materials

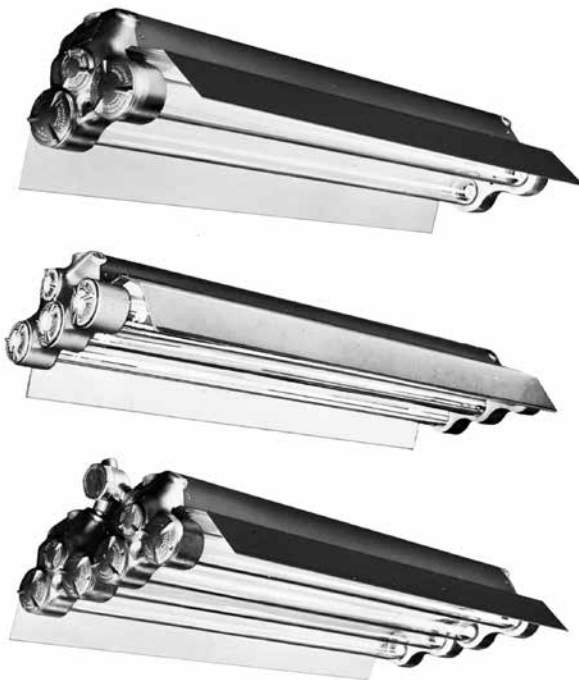
- Hood, housings and reflectors: copperfree (4/10 of 1% max.) aluminum
- Hood and housings: gray epoxy finish
- Reflectors: white baked enamel inside and gray epoxy outside

Options

- Emergency battery pack. Suffix -EL.
- Fusing: ARS, AH and AVH fixtures supplied as standard with Class P ballasts with built-in protective device. Additional external fusing available at extra cost. Suffix -F.

Certifications and Compliances

- UL Standard: UL 1598, UL 844
- UL Listed: E10794
- CSA Standard: C22.2 No. 250, C22.2 No. 137
- CSA Certified: 65182







Explosionproof caps easily removed (shown with caps removed) for easy access. Allows quick wiring or relamping.

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	Lamp	Volts	Hub Size (Inches)	Temperature Rating	Supply Wire °F/°C	Catalog Number ①
Two Lamps						
	32 W					
	Rapid Start T8 Bi-Pin 48" 265MA	120-277 V, 50/60 Hz	3/4	T-6	140/60	ARS232-BU ①
		347 V, 60 Hz	3/4	T-6	140/60	ARS232-347 ①②
	40 W					
	Rapid Start T12 Bi-Pin 48" 430MA	120-277 V, 50/60 Hz	3/4	T-6	140/60	ARS240-BU ①
		347 V, 60 Hz	3/4	T-6	140/60	ARS240-347 ①②
	60 W					
	Rapid Start High Output T-12 Recessed Double Contact 48" 800MA	120-277 V, 50/60 Hz	3/4	T-6	140/60	AH260-BU
		347 V, 60 Hz	3/4	T-6	140/60	AH260-347 ①②
	110 W					
Rapid Start VHO-SHO T-12 Recessed Double Contact 48" 1500MA	120 V, 60 Hz	3/4	T-6	140/60	AVH210-118	
	277 V, 60 Hz	3/4	T-6	140/60	AVH210-277	
	347 V, 60 Hz	3/4	T-6	140/60	AVH210-347 ①②	
Three Lamps						
	32 W					
	Rapid Start T8 Bi-Pin 48" 265MA	120-277 V, 50/60 Hz	3/4	T-6	140/60	ARS332-BU ①
		347 V, 60 Hz	3/4	T-6	140/60	ARS332-347 ①②
	40 W					
	Rapid Start T12 Bi-Pin 48" 430MA	120-277 V, 50/60 Hz	3/4	T-6	140/60	ARS340-BU
		347 V, 60 Hz	3/4	T-6	140/60	ARS340-347 ①②
	60 W					
	Rapid Start High Output T-12 Recessed Double Contact 48" 800MA	120-277 V, 50/60 Hz	3/4	T-6	140/60	AH360-BU
		347 V, 60 Hz	3/4	T-6	140/60	AH360-347 ①②
Four Lamps						
	32 W					
	Rapid Start T8 Bi-Pin 48" 265MA	120-277 V, 50/60 Hz	3/4	T-6	140/60	ARS432-BU ①
		347 V, 60 Hz	3/4	T-6	140/60	ARS432-347 ①②
	40 W					
	Rapid Start T12 Bi-Pin 48" 430MA	120-277 V, 50/60 Hz	3/4	T-6	140/60	ARS440-BU
		347 V, 60 Hz	3/4	T-6	140/60	ARS440-347 ①②
	60 W					
	Rapid Start High Output T-12 Recessed Double Contact 48" 800MA	120-277 V, 50/60 Hz	3/4	T-6	140/60	AH460-BU
		347 V, 60 Hz	3/4	T-6	140/60	AH460-347 ①②
	110 W					
Rapid Start Very High Output T-12 Recessed Double Contact 48" 1500MA	120 V, 60 Hz	3/4	T-6	140/60	AVH410-118	
	277 V, 60 Hz	3/4	T-6	140/60	AVH410-277	
	347 V, 60 Hz	3/4	T-6	140/60	AVH410-347 ①②	
Protector for two-lamp fluorescent fixture						
	Fits two lamp 48" fixtures only (ARS, AH and AVH series)					
	UV stabilized polycarbonate.					EFP248

NOTE: In paint spray areas, solvents and thinners may "cloud" the polycarbonate. Light transmission characteristics may be reduced.

① For Emergency Battery Pack, add suffix -EL.

② Fluorescent lamps are not included. Supplied with automatic resetting dual protected "Class P" ballast. For additional external fusing, add suffix -F.

①② CSA Certification only.












EFU Fluorescent Factory Sealed Luminaire Ballast Data and Dimensions

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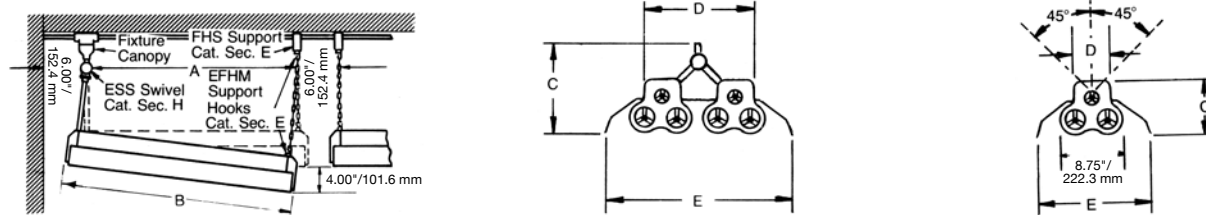
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LIGHTING: EXPLOSIONPROOF – AREA – FLUORESCENT

Lighting

Catalog Number	Lamps	Hz	Voltage	Operating Amps	Input Watts	Starting Temperature °F/°C
32 W Rapid Start T-8 Bi-Pin 48" 265 mA						
ARS232-BU	2	50/60	120-277	.52-.22	62-60	0/-18
ARS232-347 	2	60	347	.20	59	0/-18
ARS332-BU	3	50/60	120-277	.78-.33	93-93	0/-18
ARS332-347 	3	60	347	.30	86	0/-18
ARS432-BU	4	50/60	120-277	1.03-.43	124-120	0/-18
ARS432-347 	4	60	347	.40	118	0/-18
40 W Rapid Start T-12 Bi-Pin 48" 430 mA						
ARS240-BU	2	50/60	120-277	.70-.35	84-42	50/10
ARS240-347 	2	60	347	.30	96	50/10
ARS340-BU	3	50/60	120-277	.99-.45	114	50/10
ARS340-347 	3	60	347	.50	140	50/10
ARS440-BU	4	50/60	120-277	1.40-.70	168-84	50/10
ARS440-347 	4	60	347	.60	192	50/10
60 W Rapid Start High Output T-12 Bi-Pin 48" 800 mA						
AH260-BU	2	50/60	120-277	1.05-.55	122-86	-20/-29
AH260-347 	2	60	347	.50	145	-20/-29
AH360-BU	3	50/60	120-277	1.54-.66	182	-20/-29
AH360-347 	3	60	347	.90	256	-20/-29
AH460-BU	4	50/60	120-277	2.10-1.10	244-172	-20/-29
AH460-347 	4	60	347	1.00	290	-20/-29
110 W Rapid Start VHO-SHO T-12 Bi-Pin 48" 1500 mA						
AVH210-118	2	60	120	2.60	300	-20/-29
AVH210-277	2	60	277	.98	250	-20/-29
AVH210-347 	2	60	347	.90	250	-20/-29
AVH410-118	4	60	120	5.20	600	-20/-29
AVH410-277	4	60	277	1.96	500	-20/-29
AVH410-347 	4	60	347	1.80	500	-20/-29

Dimensions in In/mm



No. of Lamps	A	B	C	D	E
2	46-5/8/1184.4	52-7/16/1332.0	8-3/4/222.3	5-1/2/139.7	15/381.0
3	46-5/8/1184.4	52-7/16/1332.0	8-3/4/222.3	5-1/2/139.7	19-1/4/489.0
4	46-5/8/1184.4	52-7/16/1332.0	11-7/16/290.6	14/355.6	23-1/2/596.9

 CSA Certification Only

