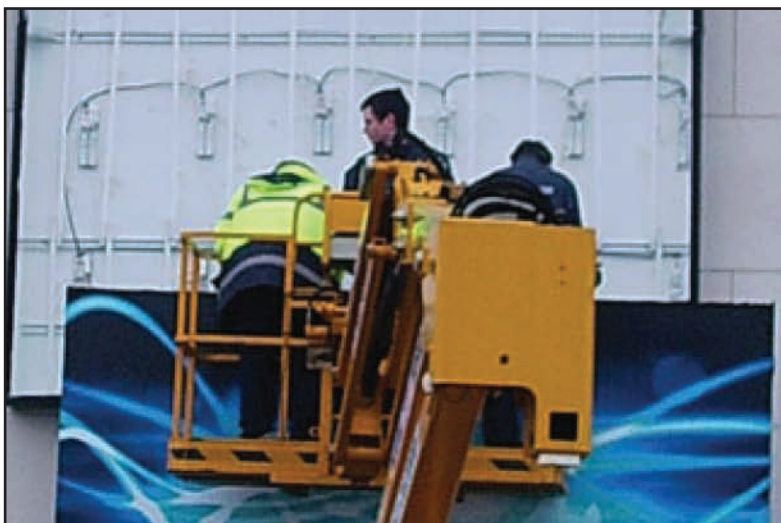


Atlas

Lighting Products



quick SHIP

Replacement Ballasts

HID KITS | FLUORESCENT | COMPACT | SIGN | EMERGENCY

Metal Halide *Ballast Kits*



quick SHIP Products

WATTAGES

50 - 1500 watts Metal Halide

CONSTRUCTION

Attractive Display Carton

Easy Access Packaging

No Staples / No Tape

Starting Temperature -22°F/-30°C

CATALOG #	BALLAST TYPE	BALLAST INPUT VOLT	INPUT WATTS	MAX. INPUT CURRENT	NOM. OPEN CIRCUIT VOLTAGE	FUSE RATING (AMPS)
MH50-0253-KT	HX-HPF	Quad	67	0.64	270	3,2,2,2
MH70-0257-KT	HX-HPF	Quad	91	0.83	260	4,3,2,2
MH100-0204-KT	HX-HPF	Quad	125	1.10	280	7,4,4,3
MH175-0127-KT	CWA-HPF	Quad	205	1.90	296	5,3,3,2
MH175-0005-KT	CWA-HPF	5-Tap	205	1.90	309	5,3,3,2,2
MH250-0145-KT	CWA-HPF	Quad	292	2.50	300	5,5,5,3
MH250-0182-KT	CWA-HPF	480	292	0.60	300	2
MH250-0005-KT	CWA-HPF	5-Tap	292	2.50	300	8,5,5,3,2
MH400-0074-KT	CWA-HPF	Quad	450	4.20	300	10,8,5,5
MH400-0082-KT	CWA-HPF	480	450	1.10	300	3
MH400-0005-KT	CWA-HPF	5-Tap	450	4.20	300	10,8,5,5
MH1000-0044-KT	CWA-HPF	Quad	1070	9.00	415	20,15,10,10
MH1000-0048-KT	CWA-HPF	480	1070	2.30	415	10
MH1000-0005-KT	CWA-HPF	5-Tap	1070	9.00	415	20,15,10,10,10
MH1500-0492-KT	CWA-HPF	Quad	1596	13.90	455	30,25,20,15
MH1500-0493-KT	CWA-HPF	480	1587	3.50	455	10

Quad V - 120/208/240/277 5-Tap - 120/208/240/277/480

Metal Halide *Kits w/ Lamp*



**KITS WITH
PROTECTED LAMPS
ALSO AVAILABLE**

quick SHIP Products

CATALOG #	BALLAST TYPE	BALLAST INPUT VOLT	INPUT WATTS	MAX. INPUT CURRENT	NOM. OPEN CIRCUIT VOLTAGE	FUSE RATING (AMPS)	LAMP INCLUDED
MH50-0253MED	HX-HPF	Quad	67	0.64	270	3,2,2,2	MH50/U/M
MH70-0257MED	HX-HPF	Quad	91	0.83	260	4,3,2,2	MH70/U/M
MH100-0204MED	HX-HPF	Quad	125	1.10	280	7,4,4,3	MH100/U/M
MH175-0127MED	CWA-HPF	Quad	205	1.90	296	5,3,3,2	MH175/U/M
MH175-0127MOG	CWA-HPF	Quad	205	1.90	296	5,3,3,2	MH175/U
MH175-0005MED	CWA-HPF	5-Tap	205	1.90	309	5,3,3,2,2	MH175/U/M
MH175-0005MOG	CWA-HPF	5-Tap	205	1.90	309	5,3,3,2,2	MH175/U
MH250-0145MOG	CWA-HPF	Quad	292	2.50	300	5,5,5,3	MH250/U
MH250-0182MOG	CWA-HPF	480	292	0.60	300	2	MH250/U
MH250-0005MOG	CWA-HPF	5-Tap	292	2.50	300	8,5,5,3,2	MH250/U
MH400-0074MOG	CWA-HPF	Quad	450	4.20	300	10,8,5,5	MH400/U
MH400-0082MOG	CWA-HPF	480	450	1.10	300	3	MH400/U
MH400-0005MOG	CWA-HPF	5-Tap	450	4.20	300	10,8,5,5	MH400/U
MH1000-0044MOG	CWA-HPF	Quad	1070	9.00	415	20,15,10,10	MH1000/U
MH1000-0048MOG	CWA-HPF	480	1070	2.30	415	10	MH1000/U
MH1000-0005MOG	CWA-HPF	5-Tap	1070	9.00	415	20,15,10,10,10	MH1000/U
MH1500-0492U	CWA-HPF	Quad	1596	13.90	455	30,25,20,15	MH1500/U
MH1500-0493U	CWA-HPF	480	1587	3.50	455	10	MH1500/U

Quad V - 120/208/240/277 5-Tap - 120/208/240/277/480

Kits with Protected Lamps also Available

**EISA REQUIREMENTS
ARE NOT APPLICABLE TO
REPLACEMENT KITS**

Pulse Start *Ballast Kits*

quick *SHIP* Products

CATALOG #	BALLAST TYPE	BALLAST INPUT VOLT	INPUT WATTS	MAX. INPUT CURRENT	NOM. OPEN CIRCUIT VOLTAGE	FUSE RATING (AMPS)
MHPS125-0285-KT	CWA-HPF	Quad	150	0.85	225	4,3,2,2
MHPS150-0295-KT	HX-HPF	Quad	186	1.70	270	9,6,5,4
ⓔ MHPS200-0305-KT	CWA-HPF	Quad	227	2.00	245	9,6,5,4
ⓔ MHPS250-0345-KT	CWA-HPF	Quad	284	2.50	281	7,4,4,3
ⓔ MHPS320-0595-KT	CWA-HPF	Quad	363	3.20	291	8,5,4,4
ⓔ MHPS320-0594-KT	CWA-HPF	480	363	0.80	291	3
ⓔ MHPS350-0506-KT	CWA-HPF	Quad	397	3.50	294	9,5,5,4
ⓔ MHPS350-0505-KT	CWA-HPF	480	397	0.87	294	3
ⓔ MHPS400-0545-KT	CWA-HPF	Quad	455	4.00	277	10,6,5,5
ⓔ MHPS400-0544-KT	CWA-HPF	480	455	1.00	277	3

Quad V - 120/208/240/277



WATTAGES

125 - 400 watts PS

CONSTRUCTION

Attractive Display Carton

Easy Access Packaging

No Staples / No Tape

Starting Temperature -22°F/-30°C

200 - 400w EISA >88% Compliant

Note: If replacing Metal Halide with Pulse Start, check Pulse rating of lamp holder before installing. Use with minimum 4KV Pulse rated lamp holders.

Pulse Start *Kits w/ Lamp*

quick *SHIP* Products

CATALOG #	BALLAST TYPE	BALLAST INPUT VOLT	INPUT WATTS	MAX. INPUT CURRENT	NOM. OPEN CIRCUIT VOLTAGE	FUSE RATING (AMPS)	LAMP INCLUDED
MHPS125-0285MED	CWA-HPF	Quad	150	0.85	225	4,3,2,2	MS125/BU-HOR
MHPS150-0295MED	HX-HPF	Quad	186	1.70	270	9,6,5,4	MS150/U/M
MHPS150-0295MOG	HX-HPF	Quad	186	1.70	270	9,6,5,4	MS150/U
ⓔ MHPS200-0305MED	CWA-HPF	Quad	227	2.00	245	9,6,5,4	MS200/BU/M
ⓔ MHPS200-0305BU	CWA-HPF	Quad	227	2.00	245	9,6,5,4	MS200/V
ⓔ MHPS200-0305BD	CWA-HPF	Quad	227	2.00	245	9,6,5,4	MS200/V
ⓔ MHPS200-0305HOR	CWA-HPF	Quad	227	2.00	245	9,6,5,4	MS200/H
ⓔ MHPS250-0345BU	CWA-HPF	Quad	284	2.50	281	7,4,4,3	MP250/BU/PS
ⓔ MHPS250-0345BD	CWA-HPF	Quad	284	2.50	281	7,4,4,3	MS250/V
ⓔ MHPS250-0345HOR	CWA-HPF	Quad	284	2.50	281	7,4,4,3	MS250/H
ⓔ MHPS320-0595BU	CWA-HPF	Quad	363	3.20	291	8,5,4,4	MP320/BU/ED28/PS
ⓔ MHPS320-0595BD	CWA-HPF	Quad	363	3.20	291	8,5,4,4	MS320/V/ED28
ⓔ MHPS320-0595HOR	CWA-HPF	Quad	363	3.20	291	8,5,4,4	MS320/H/ED28
ⓔ MHPS320-0594BU	CWA-HPF	480	363	0.80	291	3	MP320/BU/ED28/PS
ⓔ MHPS320-0594BD	CWA-HPF	480	363	0.80	291	3	MS320/V/ED28
ⓔ MHPS320-0594HOR	CWA-HPF	480	363	0.80	291	3	MS320/H/ED28
ⓔ MHPS350-0506BU	CWA-HPF	Quad	397	3.50	294	9,5,5,4	MP350/BU/ED28/PS
ⓔ MHPS350-0506BD	CWA-HPF	Quad	397	3.50	294	9,5,5,4	MS350/V/ED28
ⓔ MHPS350-0506HOR	CWA-HPF	Quad	397	3.50	294	9,5,5,4	MS350/H/ED28
ⓔ MHPS350-0505BU	CWA-HPF	480	397	0.87	294	3	MP350/BU/ED28/PS
ⓔ MHPS350-0505BD	CWA-HPF	480	397	0.87	294	3	MS350/V/ED28
ⓔ MHPS350-0505HOR	CWA-HPF	480	397	0.87	294	3	MS350/H/ED28
ⓔ MHPS400-0545BU	CWA-HPF	Quad	455	4.00	277	10,6,5,5	MP400/BU/ED28/PS
ⓔ MHPS400-0545BD	CWA-HPF	Quad	455	4.00	277	10,6,5,5	MS400/V/ED28
ⓔ MHPS400-0545HOR	CWA-HPF	Quad	455	4.00	277	10,6,5,5	MS400/H/ED28
ⓔ MHPS400-0544BU	CWA-HPF	480	455	1.00	277	3	MP400/BU/ED28/PS
ⓔ MHPS400-0544BD	CWA-HPF	480	455	1.00	277	3	MS400/V/ED28
ⓔ MHPS400-0544HOR	CWA-HPF	480	455	1.00	277	3	MS400/H/ED28

Quad V - 120/208/240/277



**EISA REQUIREMENTS
ARE NOT APPLICABLE TO
REPLACEMENT KITS**

For more information see the *green market* Buyers Guide
or visit us online at www.atlaslightingproducts.com

High Pressure Sodium *Ballast Kits*



quick *SHIP* Products

WATTAGES

35 - 1000 watts HPS

CONSTRUCTION

Attractive Display Carton

Easy Access Packaging

No Staples / No Tape

Starting Temperature -22°F/-30°C

200 - 400w EISA >88% Compliant

CATALOG #	BALLAST TYPE	BALLAST INPUT VOLT	INPUT WATTS	MAX. INPUT CURRENT	NOM. OPEN CIRCUIT VOLTAGE	FUSE RATING (AMPS)
HPS35-0084-KT	R-NPF	120	42	0.85	120	3
HPS50-0086-KT	R-NPF	120	60	1.20	120	2
HPS70-0088-KT	R-NPF	120	81	1.69	120	5
HPS70-0217-KT	HX-HPF	Quad	93	0.82	120	4,3,2,2
HPS100-0090-KT	R-NPF	120	110	2.30	120	6
HPS100-0223-KT	HX-HPF	Quad	130	1.16	120	6,3,3,3
HPS150-0092-KT	R-NPF	120	170	3.40	120	10
HPS150-0229-KT	HX-HPF	Quad	188	1.68	120	10,5,5,5
HPS250-0158-KT	CWA-HPF	Quad	290	2.50	185	10,5,4,3
HPS250-0162-KT	CWA-HPF	480	290	0.70	185	2
HPS250-0005-KT	CWA-HPF	5-Tap	290	2.50	185	10,5,4,3,2
HPS400-0148-KT	CWA-HPF	Quad	465	4.00	190	15,8,8,5
HPS400-0152-KT	CWA-HPF	480	465	1.10	190	3
HPS400-0005-KT	CWA-HPF	5-Tap	465	4.00	190	15,8,8,5,3
HPS1000-0490-KT	CWA-HPF	Quad	1100	9.50	430	25,15,10,10
HPS1000-0491-KT	CWA-HPF	480	1100	2.30	430	8
HPS1000-0005-KT	CWA-HPF	5-Tap	1100	9.50	430	25,15,10,10,8

Quad V - 120/208/240/277 5-Tap - 120/208/240/277/480

High Pressure Sodium *Kits w/ Lamp*



quick *SHIP* Products

CATALOG #	BALLAST TYPE	BALLAST INPUT VOLT	INPUT WATTS	MAX. INPUT CURRENT	NOM. OPEN CIRCUIT VOLTAGE	FUSE RATING (AMPS)	LAMP INCLUDED
HPS35-0084MED	R-NPF	120	42	0.85	120	3	C35S76/M
HPS50-0086MED	R-NPF	120	59	1.20	120	2	C50S68/M
HPS70-0088MED	R-NPF	120	81	1.69	120	5	C70S62/M
HPS70-0088MOG	R-NPF	120	81	1.69	120	5	C70S62
HPS70-0217MED	HX-HPF	Quad	90	0.82	120	4,3,2,2	C70S62/M
HPS70-0217MOG	HX-HPF	Quad	91	0.82	120	4,3,2,2	C70S62
HPS100-0090MED	R-NPF	120	114	2.30	120	6	C100S54/M
HPS100-0090MOG	R-NPF	120	114	2.30	120	6	C100S54
HPS100-0223MED	HX-HPF	Quad	130	1.16	120	6,3,3,3	C100S54/M
HPS100-0223MOG	HX-HPF	Quad	130	1.16	120	6,3,3,3	C100S54
HPS150-0092MED	R-NPF	120	169	3.40	120	10	C150S55/M
HPS150-0092MOG	R-NPF	120	169	3.40	120	10	C150S55
HPS150-0229MED	HX-HPF	Quad	190	1.68	120	10,5,5,5	C150S55/M
HPS150-0229MOG	HX-HPF	Quad	190	1.68	120	10,5,5,5	C150S55
HPS250-0158MOG	CWA-HPF	Quad	295	2.50	185	10,5,4,3	C250S50
HPS250-0162MOG	CWA-HPF	480	295	0.70	185	2	C250S50
HPS250-0005MOG	CWA-HPF	5-Tap	300	2.50	185	10,5,4,3,2	C250S50
HPS400-0148MOG	CWA-HPF	Quad	465	4.00	190	15,8,8,5	C400S51
HPS400-0152MOG	CWA-HPF	480	465	1.10	190	3	C400S51
HPS400-0005MOG	CWA-HPF	5-Tap	465	4.00	190	15,8,8,5,3	C400S51
HPS1000-0490MOG	CWA-HPF	Quad	1100	9.50	430	25,15,10,10	C1000S52
HPS1000-0491MOG	CWA-HPF	480	1100	2.30	430	8	C1000S52
HPS1000-0005MOG	CWA-HPF	5-Tap	1100	9.50	430	25,15,10,10,10,8	C1000S52

Quad V - 120/208/240/277 5-Tap - 120/208/240/277/480

EISA REQUIREMENTS
ARE NOT APPLICABLE TO
REPLACEMENTS KITS

T12 Electronic Ballasts

T12 Rapid Start Electronic Ballasts

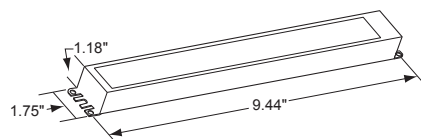


CATALOG #	DESCRIPTION	CASE QTY	WEIGHT
EB240UP	2 Lamp T12 Rapid Start Electronic Fluorescent Ballast	10	1.4 lb.

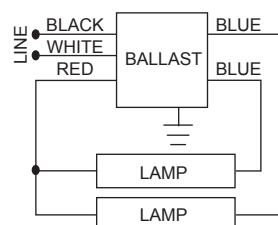
OPERATES THE FOLLOWING LAMPS:

LAMP TYPE			INPUT VOLTS	LINE CURRENT (AMPS)	INPUT POWER (WATTS)	POWER FACTOR	BALLAST FACTOR	THD %	MIN. START TEMP.	SOUND RATING
QTY.	WATTS	START TYPE								
F30T12										
1	30	Rapid Start	120	0.32	38	0.98	1.00	<10	0°F, -18°C	A
	30	Rapid Start	277	0.14	38	0.95	1.00	<10	0°F, -18°C	A
2	30	Rapid Start	120	0.49	58	0.99	0.88	<10	0°F, -18°C	A
	30	Rapid Start	277	0.22	58	0.97	0.88	<10	0°F, -18°C	A
F34T12 or F34T12/U										
1	34	Rapid Start	120	0.34	40	0.98	1.10	<10	0°F, -18°C	A
	34	Rapid Start	277	0.15	40	0.96	1.10	<10	0°F, -18°C	A
2	34	Rapid Start	120	0.53	63	0.98	0.85	<10	0°F, -18°C	A
	34	Rapid Start	277	0.23	63	0.98	0.85	<10	0°F, -18°C	A
F40T12 or F40T12/U										
1	40	Rapid Start	120	0.40	47	0.99	1.10	<10	0°F, -18°C	A
	40	Rapid Start	277	0.18	47	0.97	1.10	<10	0°F, -18°C	A
2	40	Rapid Start	120	0.64	74	0.99	0.88	<10	0°F, -18°C	A
	40	Rapid Start	277	0.28	74	0.98	0.88	<10	0°F, -18°C	A
F40T12 (Shoplight)										
1	40	Rapid Start	120	0.43	51	0.99	1.70	<10	0°F, -18°C	A
	40	Rapid Start	277	0.18	51	0.97	1.70	<10	0°F, -18°C	A
2	40	Rapid Start	120	0.66	78	0.99	1.40	<10	0°F, -18°C	A
	40	Rapid Start	277	0.27	78	0.98	1.40	<10	0°F, -18°C	A

Dimensions



Wiring Diagrams



Cross Reference

ATLAS #	ADVANCE	UNIVERSAL	OSRAM/SYLVANIA	GE
120V				
EB240UP	REL-2S40-SC	B240R120HP	QTP2X40T12/120RSNB	GE-240-RS-MV-N
277V				
EB240UP	VEL-2S40-SC	B240R277HP	QTP2X40T12/277RSNB	GE-240-RS-MV-N

T12 *Electronic Ballasts*

T12 Slimline Instant Start Electronic Ballasts

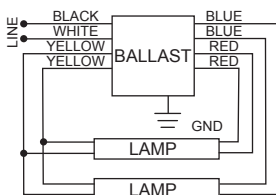


CATALOG #	DESCRIPTION	CASE QTY	WEIGHT
EB275UI	2 Lamp T12 Slimline Instant Start Electronic Fluorescent Ballast	10	2.1 lb.

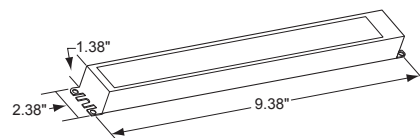
OPERATES THE FOLLOWING LAMPS:

LAMP TYPE			INPUT VOLTS	LINE CURRENT (AMPS)	INPUT POWER (WATTS)	POWER FACTOR	BALLAST FACTOR	THD %	MIN. START TEMP.	SOUND RATING
QTY.	WATTS	START TYPE								
F72T12										
1	57	Instant Start	120	0.6	71	0.99	1.11	10	0°F, -18°C	A
	57	Instant Start	277	0.24	67	0.99	1.05	10	0°F, -18°C	A
2	57	Instant Start	120	1.02	122	0.99	1.02	10	0°F, -18°C	A
	57	Instant Start	277	0.42	118	0.99	0.99	10	0°F, -18°C	A
F96T12										
1	75	Instant Start	120	0.72	86	0.99	1.06	10	0°F, -18°C	A
	75	Instant Start	277	0.3	82	0.99	1.00	10	0°F, -18°C	A
2	75	Instant Start	120	1.25	150	0.99	0.96	10	0°F, -18°C	A
	75	Instant Start	277	0.53	146	0.99	0.94	10	0°F, -18°C	A

Wiring Diagrams



Dimensions



Cross Reference

ATLAS #	ADVANCE	UNIVERSAL	OSRAM/SYLVANIA	GE
120V				
EB275UI	REL-2P60-S	B260IUNVHP	QT2X96/120IS	GE-260-IS-MV-N
277V				
EB275UI	VEL-2P75-S	B260IUNVHP	QT2X96/277IS	GE-260-IS-MV-N

T12 *Electronic Ballasts*

T12 High Output Rapid Start Electronic Ballasts

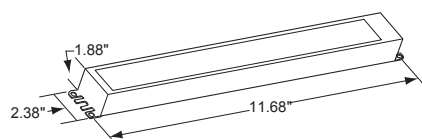


CATALOG #	DESCRIPTION	CASE QTY	WEIGHT
EB2110UPH	2 Lamp T12 High Output Rapid Start Electronic Ballast	10	3.2 lb.

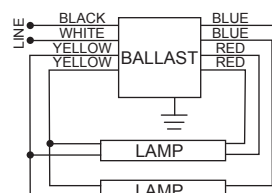
OPERATES THE FOLLOWING LAMPS:

LAMP TYPE			INPUT VOLTS	LINE CURRENT (AMPS)	INPUT POWER (WATTS)	POWER FACTOR	BALLAST FACTOR	THD %	MIN. START TEMP.	SOUND RATING
QTY.	WATTS	START TYPE								
F48T12/HO										
2	60	Rapid Start	120	0.88	104	0.96	0.90	<10	-20°F, -30°C	A
	60	Rapid Start	277	0.38	104	0.96	0.90	<10	-20°F, -30°C	A
F60T12/HO										
2	75	Rapid Start	120	1.10	132	0.97	0.90	<10	-20°F, -30°C	A
	75	Rapid Start	277	0.47	132	0.96	0.90	<10	-20°F, -30°C	A
F72T12/HO										
2	85	Rapid Start	120	1.30	154	0.99	0.90	<10	-20°F, -30°C	A
	85	Rapid Start	277	0.56	154	0.97	0.90	<10	-20°F, -30°C	A
F96T12/HO										
1	110	Rapid Start	120	0.88	104	0.95	0.92	<10	-20°F, -30°C	A
	110	Rapid Start	277	0.38	104	0.94	0.92	<10	-20°F, -30°C	A
2	110	Rapid Start	120	1.65	196	0.99	0.85	<10	-20°F, -30°C	A
	110	Rapid Start	277	0.71	196	0.98	0.85	<10	-20°F, -30°C	A
F96T12/HO/ES										
2	95	Rapid Start	120	1.38	164	0.98	0.90	<10	60°F, 18°C	A
	95	Rapid Start	277	0.60	164	0.97	0.90	<10	60°F, 18°C	A

Dimensions



Wiring Diagrams



Cross Reference

ATLAS #	ADVANCE	UNIVERSAL	OSRAM/SYLVANIA	GE
120V				
EB2110UPH	REL-2S110	B2955RUNVHP	QT2X96/120HO	GE29640-MV-N
277V				
EB2110UPH	VEL-2S110	B2955RUNVHP	QT2X96/277HO	GE29640-MV-N

T8 Electronic Ballasts

1 or 2 Lamp T8 Instant Start Electronic Ballast Normal Light Output



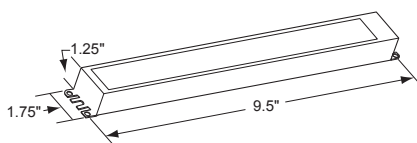
CATALOG #	DESCRIPTION	CASE QTY	WEIGHT
EB232UI	1 or 2 Lamp T8 Instant Start Electronic Fluorescent Ballast	10	1.18 lb.



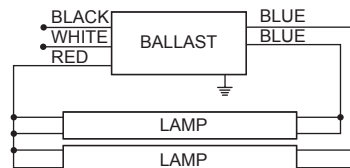
OPERATES THE FOLLOWING LAMPS:

LAMP TYPE			INPUT VOLTS	LINE CURRENT (AMPS)	INPUT POWER (WATTS)	POWER FACTOR	BALLAST FACTOR	THD %	MIN. START TEMP.	SOUND RATING
QTY.	WATTS	START TYPE								
F17T8										
1	17	Instant Start	120	0.19	22	0.98	1.20	<12	0°F, -18°C	A
	17	Instant Start	277	0.09	22	0.96	1.20	<15	0°F, -18°C	A
2	17	Instant Start	120	0.28	30	0.98	0.90	<12	0°F, -18°C	A
	17	Instant Start	277	0.12	30	0.97	0.90	<12	0°F, -18°C	A
F25T8										
1	25	Instant Start	120	0.26	31	0.98	1.15	<12	0°F, -18°C	A
	25	Instant Start	277	0.11	31	0.96	1.15	<12	0°F, -18°C	A
2	25	Instant Start	120	0.39	44	0.99	0.88	<10	0°F, -18°C	A
	25	Instant Start	277	0.17	44	0.99	0.88	<10	0°F, -18°C	A
F28T8										
2	28	Instant Start	120	0.40	49	0.97	0.87	<10	0°F, -18°C	A
	28	Instant Start	277	0.18	49	0.97	0.87	<10	0°F, -18°C	A
F32T8										
1	32	Instant Start	120	0.32	38	0.98	1.15	<12	0°F, -18°C	A
	32	Instant Start	277	0.14	38	0.97	1.15	<12	0°F, -18°C	A
2	32	Instant Start	120	0.50	55	0.99	0.88	<10	0°F, -18°C	A
	32	Instant Start	277	0.22	55	0.99	0.88	<10	0°F, -18°C	A
F40T8										
1	40	Instant Start	120	0.37	39	0.99	0.95	<10	0°F, -18°C	A
	40	Instant Start	277	0.16	39	0.99	0.95	<10	0°F, -18°C	A

Dimensions



Wiring Diagrams



Cross Reference

ATLAS #	ADVANCE	UNIVERSAL	OSRAM/SYLVANIA	GE
EB232UI	ICN-2P32-SC	B232IUNVHP-B	QTP2X32T8UNVISN-SC	GE-232-MV-N

T8 Electronic Ballasts

1 or 2 Lamp T8 Instant Start Electronic Ballast
High Light Output



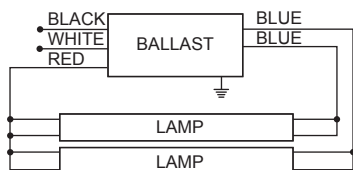
CATALOG #	DESCRIPTION	CASE QTY	WEIGHT
EB232UIH	1 or 2 Lamp T8 Instant Start Electronic Fluorescent Ballast - High Output	10	1.34 lb.



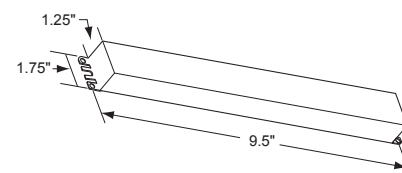
OPERATES THE FOLLOWING LAMPS:

LAMP TYPE			INPUT VOLTS	LINE CURRENT (AMPS)	INPUT POWER (WATTS)	POWER FACTOR	BALLAST FACTOR	THD %	MIN. START TEMP.	SOUND RATING
QTY.	WATTS	START TYPE								
F17T8										
1	17	Instant Start	120	0.22	26	0.99	1.18	<11	0°F, -18°C	A
	17	Instant Start	277	0.10	27	0.91	1.18	<11	0°F, -18°C	A
2	17	Instant Start	120	0.34	41	0.99	1.18	<10	0°F, -18°C	A
	17	Instant Start	277	0.15	41	0.96	1.18	<10	0°F, -18°C	A
F25T8										
1	25	Instant Start	120	0.30	36	0.99	1.18	<10	0°F, -18°C	A
	25	Instant Start	277	0.13	36	0.95	1.18	<10	0°F, -18°C	A
2	25	Instant Start	120	0.51	59	0.97	1.18	<10	0°F, -18°C	A
	25	Instant Start	277	0.22	59	0.97	1.18	<10	0°F, -18°C	A
F28T8										
2	28	Instant Start	120	0.53	64	0.97	1.18	<10	0°F, -18°C	A
	28	Instant Start	277	0.23	64	0.97	1.18	<10	0°F, -18°C	A
F32T8										
1	32	Instant Start	120	0.39	47	0.99	1.18	<10	0°F, -18°C	A
	32	Instant Start	277	0.17	47	0.96	1.18	<10	0°F, -18°C	A
2	32	Instant Start	120	0.66	74	0.99	1.18	<10	0°F, -18°C	A
	32	Instant Start	277	0.28	74	0.98	1.18	<10	0°F, -18°C	A
F40T8										
1	40	Instant Start	120	0.48	50	1.20	1.18	<10	0°F, -18°C	A
	40	Instant Start	277	0.20	50	1.20	1.18	<10	0°F, -18°C	A

Wiring Diagrams



Dimensions



Cross Reference

ATLAS #	ADVANCE	UNIVERSAL	OSRAM/SYLVANIA	GE
EB232UIH	IOP-2P32-HL-SC	B232IUNVHEH-A	QTP2X32T8/UNVISH-SC	GE-232-MV-H

T8 Electronic Ballasts

2 or 3 Lamp T8 Instant Start Electronic Ballast

Normal Light Output



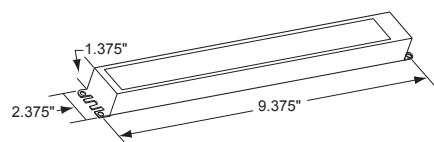
CATALOG #	DESCRIPTION	CASE QTY	WEIGHT
EB332UI	2 or 3 Lamp T8 Instant Start Electronic Fluorescent Ballast	10	1.38 lb.



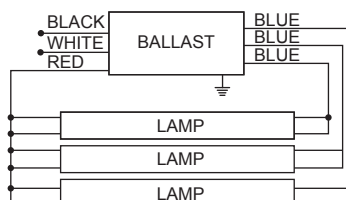
OPERATES THE FOLLOWING LAMPS:

LAMP TYPE			INPUT VOLTS	LINE CURRENT (AMPS)	INPUT POWER (WATTS)	POWER FACTOR	BALLAST FACTOR	THD %	MIN. START TEMP.	SOUND RATING
QTY.	WATTS	START TYPE								
F17T8										
2	17	Instant Start	120	0.30	36	0.99	1.00	<10	0°F, -18°C	A
	17	Instant Start	277	0.14	36	0.95	1.00	<10	0°F, -18°C	A
3	17	Instant Start	120	0.43	46	0.97	0.92	<10	0°F, -18°C	A
	17	Instant Start	277	0.19	46	0.97	0.92	<10	0°F, -18°C	A
F25T8										
2	25	Instant Start	120	0.40	48	0.99	1.00	<10	0°F, -18°C	A
	25	Instant Start	277	0.18	48	0.97	1.00	<10	0°F, -18°C	A
3	25	Instant Start	120	0.58	67	0.98	0.90	<10	0°F, -18°C	A
	25	Instant Start	277	0.26	67	0.98	0.90	<10	0°F, -18°C	A
F28T8										
3	28	Instant Start	120	0.60	75	0.98	0.87	<10	0°F, -18°C	A
	28	Instant Start	277	0.26	75	0.98	0.87	<10	0°F, -18°C	A
F32T8										
2	32	Instant Start	120	0.55	65	0.99	1.00	<10	0°F, -18°C	A
	32	Instant Start	277	0.24	65	0.99	1.00	<10	0°F, -18°C	A
3	32	Instant Start	120	0.76	83	0.99	0.88	<10	0°F, -18°C	A
	32	Instant Start	277	0.33	83	0.99	0.88	<10	0°F, -18°C	A
F40T8										
2	40	Instant Start	120	0.65	77	0.99	1.00	<10	0°F, -18°C	A
	40	Instant Start	277	0.28	77	0.98	1.00	<10	0°F, -18°C	A

Dimensions



Wiring Diagrams



Cross Reference

ATLAS #	ADVANCE	UNIVERSAL	OSRAM/SYLVANIA	GE
EB332UI	ICN-3P32-SC	B332IUNVHP-A	QTP3X32T8/UNVISN-SC	GE-332-MV-N

T8 Electronic Ballasts

2 or 3 Lamp T8 Instant Start Electronic Ballast
High Light Output



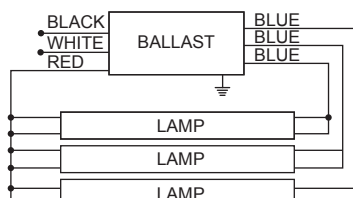
CATALOG #	DESCRIPTION	CASE QTY	WEIGHT
EB332UIH	2 or 3 Lamp T8 Instant Start Electronic Fluorescent Ballast - High Output	10	1.31 lb.



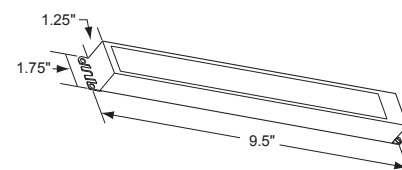
OPERATES THE FOLLOWING LAMPS:

LAMP TYPE			INPUT VOLTS	LINE CURRENT (AMPS)	INPUT POWER (WATTS)	POWER FACTOR	BALLAST FACTOR	THD %	MIN. START TEMP.	SOUND RATING
QTY.	WATTS	START TYPE								
F17T8										
2	17	Instant Start	120	0.34	40	0.99	1.18	<10	0°F, -18°C	A
	17	Instant Start	277	0.16	41	0.94	1.18	<10	0°F, -18°C	A
3	17	Instant Start	120	0.45	60	0.99	1.18	<10	0°F, -18°C	A
	17	Instant Start	277	0.20	60	0.96	1.18	<10	0°F, -18°C	A
F25T8										
2	25	Instant Start	120	0.48	58	0.99	1.18	<10	0°F, -18°C	A
	25	Instant Start	277	0.21	58	0.96	1.18	<10	0°F, -18°C	A
3	25	Instant Start	120	0.64	83	0.99	1.18	<10	0°F, -18°C	A
	25	Instant Start	277	0.28	83	0.98	1.18	<10	0°F, -18°C	A
F28T8										
3	28	Instant Start	120	0.78	95	0.98	0.87	<10	0°F, -18°C	A
	28	Instant Start	277	0.78	95	0.98	0.87	<10	0°F, -18°C	A
F32T8										
2	32	Instant Start	120	0.64	77	0.99	1.18	<10	0°F, -18°C	A
	32	Instant Start	277	0.28	76	0.97	1.18	<10	0°F, -18°C	A
3	32	Instant Start	120	0.91	111	0.99	1.18	<10	0°F, -18°C	A
	32	Instant Start	277	0.38	111	0.98	1.18	<10	0°F, -18°C	A
F40T8										
2	40	Instant Start	120	0.79	101	0.99	1.25	<10	0°F, -18°C	A
	40	Instant Start	277	0.34	101	0.99	1.25	<10	0°F, -18°C	A

Wiring Diagrams



Dimensions



Cross Reference

ATLAS #	ADVANCE	UNIVERSAL	OSRAM/SYLVANIA	GE
EB332UIH	IOP-3P32-HL-90C-SC	B332IUNVHEH-A	QTP3X32T8/UNVISH-SC	GE-332-MV-H

T8 Electronic Ballasts

3 or 4 Lamp T8 Instant Start Electronic Ballast Normal Light Output



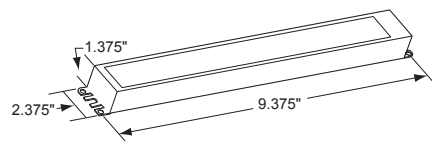
CATALOG #	DESCRIPTION	CASE QTY	WEIGHT
EB432UI	3 or 4 Lamp T8 Instant Start Electronic Fluorescent Ballast	10	1.38 lb.



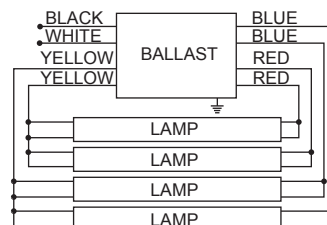
OPERATES THE FOLLOWING LAMPS:

LAMP TYPE			INPUT VOLTS	LINE CURRENT (AMPS)	INPUT POWER (WATTS)	POWER FACTOR	BALLAST FACTOR	THD %	MIN. START TEMP.	SOUND RATING
QTY.	WATTS	START TYPE								
F17T8										
3	17	Instant Start	120	0.42	51	0.99	0.90	<10	0°F, -18°C	A
	17	Instant Start	277	0.20	51	0.95	0.90	<10	0°F, -18°C	A
4	17	Instant Start	120	0.51	59	0.99	0.88	<10	0°F, -18°C	A
	17	Instant Start	277	0.23	59	0.97	0.90	<10	0°F, -18°C	A
F25T8										
3	25	Instant Start	120	0.59	70	0.99	0.90	<10	0°F, -18°C	A
	25	Instant Start	277	0.26	70	0.96	0.90	<10	0°F, -18°C	A
4	25	Instant Start	120	0.74	87	0.99	0.88	<10	0°F, -18°C	A
	25	Instant Start	277	0.32	87	0.98	0.88	<10	0°F, -18°C	A
F28T8										
4	28	Instant Start	120	0.77	97	0.98	0.87	<10	0°F, -18°C	A
	28	Instant Start	277	0.77	97	0.98	0.87	<10	0°F, -18°C	A
F32T8										
3	32	Instant Start	120	0.75	90	0.99	0.90	<10	0°F, -18°C	A
	32	Instant Start	277	0.33	90	0.97	0.90	<10	0°F, -18°C	A
4	32	Instant Start	120	0.93	109	0.99	0.88	<10	0°F, -18°C	A
	32	Instant Start	277	0.40	109	0.98	0.88	<10	0°F, -18°C	A
F40T8										
3	40	Instant Start	120	0.90	111	0.99	0.95	<10	0°F, -18°C	A
	40	Instant Start	277	0.40	111	0.99	0.95	<10	0°F, -18°C	A

Dimensions



Wiring Diagrams



Cross Reference

ATLAS #	ADVANCE	UNIVERSAL	OSRAM/SYLVANIA	GE
EB432UI	ICN-4P32-SC	B432IUNVHP-A	QTP4X32T8/UNVISN-SC	GE-432-MV-N

T8 Electronic Ballasts

3 or 4 Lamp T8 Instant Start Electronic Ballast
High Light Output



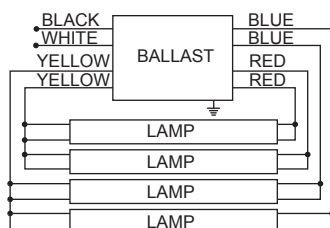
CATALOG #	DESCRIPTION	CASE QTY	WEIGHT
EB432UIH	3 or 4 Lamp T8 Instant Start Electronic Fluorescent Ballast - High Output	10	2.18 lb.



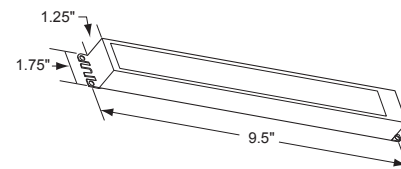
OPERATES THE FOLLOWING LAMPS:

LAMP TYPE			INPUT VOLTS	LINE CURRENT (AMPS)	INPUT POWER (WATTS)	POWER FACTOR	BALLAST FACTOR	THD %	MIN. START TEMP.	SOUND RATING
QTY.	WATTS	START TYPE								
F17T8										
3	17	Instant Start	120	0.61	72	0.99	1.37	15	0°F, -18°C	A
	17	Instant Start	277	0.27	73	0.92	1.38	25	0°F, -18°C	A
4	17	Instant Start	120	0.65	77	0.99	1.26	15	0°F, -18°C	A
	17	Instant Start	277	0.3	82	0.93	1.27	25	0°F, -18°C	A
F25T8										
3	25	Instant Start	120	0.74	87	0.99	1.34	10	0°F, -18°C	A
	25	Instant Start	277	0.33	91	0.95	1.35	25	0°F, -18°C	A
4	25	Instant Start	120	0.86	101	0.99	1.24	10	0°F, -18°C	A
	25	Instant Start	277	0.38	103	0.98	1.26	15	0°F, -18°C	A
F32T8										
3	32	Instant Start	120	0.93	109	0.99	1.28	10	0°F, -18°C	A
	32	Instant Start	277	0.4	111	0.98	1.31	15	0°F, -18°C	A
4	32	Instant Start	120	1.17	140	0.99	1.2	10	0°F, -18°C	A
	32	Instant Start	277	0.494	134	0.99	1.2	10	0°F, -18°C	A
F40T8										
3	40	Instant Start	120	1.07	127	0.99	1.19	10	32°F, 0°C	A
	40	Instant Start	277	0.47	128	0.99	1.22	15	32°F, 0°C	A
PLL40										
2	40	Instant Start	120	0.76	90	0.99	1.21	10	0°F, -18°C	A
	40	Instant Start	277	0.33	90	0.95	1.21	10	0°F, -18°C	A
3	40	Instant Start	120	0.96	113	0.99	1.12	10	0°F, -18°C	A
	40	Instant Start	277	0.41	113	.98	1.12	10	0°F, -18°C	A

Wiring Diagrams



Dimensions



Cross Reference

ATLAS #	ADVANCE	UNIVERSAL	OSRAM/SYLVANIA	GE
EB432UIH	IOP-4P32-HL-90C-G	B432I277HEH	QHE4X32T8/UNVISH	GE-432-MV-H

T5 Electronic Ballasts

1 or 2 Lamp T5 Program Start Electronic Ballast



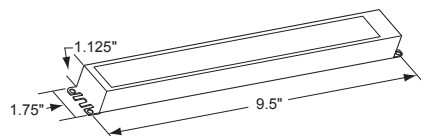
CATALOG #	DESCRIPTION	CASE QTY	WEIGHT
EB254UP	1 or 2 Lamp T5 Program Start Electronic Fluorescent Ballast	10	1.18 lb.

OPERATES THE FOLLOWING LAMPS:

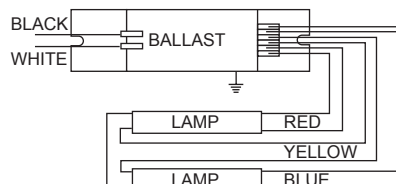
LAMP TYPE			INPUT VOLTS	LINE CURRENT (AMPS)	INPUT POWER (WATTS)	POWER FACTOR	NOMINAL BALLAST FACTOR*	THD %	MIN. START TEMP.	SOUND RATING
QTY.	WATTS	START TYPE								
FC12T5										
1	55	Program Start	120	0.46	55	0.99	1.00	10	-22°F/-30°C	A
	55	Program Start	277	0.21	55	0.99	1.00	15	-22°F/-30°C	A
2	55	Program Start	120	0.88	105	0.99	1.00	10	-22°F/-30°C	A
	55	Program Start	277	0.38	105	0.99	1.00	15	-22°F/-30°C	A
F39T5/HO										
2	39	Program Start	120	0.76	92	0.99	1.00	10	-22°F/-30°C	A
	39	Program Start	277	0.33	92	0.99	1.00	10	-22°F/-30°C	A
PLL50W										
1	50	Program Start	120	0.48	58	0.99	1.00	10	-22°F/-30°C	A
	50	Program Start	277	0.21	59	0.99	1.00	15	-22°F/-30°C	A
2	50	Program Start	120	0.93	112	0.99	1.00	10	-22°F/-30°C	A
	50	Program Start	277	0.4	112	0.99	1.00	10	-22°F/-30°C	A
F54T5/HO										
1	54	Program Start	120	0.5	60	0.99	1.00	10	-22°F/-30°C	A
	54	Program Start	277	0.23	63	0.99	1.00	15	-22°F/-30°C	A
2	54	Program Start	120	0.97	116	0.99	1.00	10	-22°F/-30°C	A
	54	Program Start	277	0.43	118	0.99	1.00	10	-22°F/-30°C	A
PLL55W										
1	55	Program Start	120	0.46	56	0.99	1.00	10	-22°F/-30°C	A
	55	Program Start	277	0.21	59	0.99	1.00	10	-22°F/-30°C	A
2	55	Program Start	120	0.89	107	0.99	1.00	10	-22°F/-30°C	A
	55	Program Start	277	0.4	113	0.99	1.00	10	-22°F/-30°C	A

*Ballast Factor may vary with lamp combinations.

Dimensions



Wiring Diagrams



Cross Reference

ATLAS #	ADVANCE	UNIVERSAL	OSRAM/SYLVANIA	GE
EB254UP	ICN-2S54-90C	B254PUNV-D	QTP2X54T5HO/UNVPSNHTW	GE254MVPS90-F

T5 Electronic Ballasts

3 or 4 Lamp T5 Program Start Electronic Ballasts



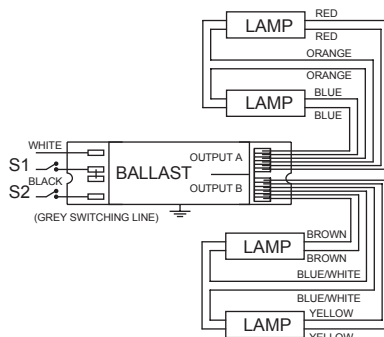
CATALOG #	DESCRIPTION	CASE QTY	WEIGHT
EB454UP	3 or 4 Lamp T5 Program Start Electronic Fluorescent Ballast	10	2.46 lb.

OPERATES THE FOLLOWING LAMPS:

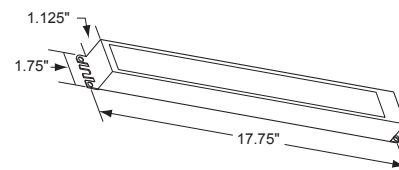
LAMP TYPE			INPUT VOLTS	LINE CURRENT (AMPS)	INPUT POWER (WATTS)	POWER FACTOR	NOMINAL BALLAST FACTOR*	THD %	MIN. START TEMP.	SOUND RATING
QTY.	WATTS	START TYPE								
F39T5/HO										
4	39	Program Start	120	1.42	170	0.99	1.00	10	-22°F/-30°C	A
	39	Program Start	277	0.64	174	0.97	1.00	15	-22°F/-30°C	A
PLL50W										
3	50	Program Start	120	1.42	169	0.99	1.00	10	-22°F/-30°C	A
	50	Program Start	277	0.63	170	0.97	1.00	15	-22°F/-30°C	A
4	50	Program Start	120	1.88	224	0.99	1.00	10	-22°F/-30°C	A
	50	Program Start	277	0.82	224	0.98	1.00	10	-22°F/-30°C	A
F54T5/HO										
3	54	Program Start	120	1.47	176	0.99	1.00	10	-22°F/-30°C	A
	54	Program Start	277	0.67	180	0.99	1.00	15	-22°F/-30°C	A
4	54	Program Start	120	1.92	230	0.99	1.00	10	-22°F/-30°C	A
	54	Program Start	277	0.86	232	0.99	1.00	10	-22°F/-30°C	A
PLL55W										
3	55	Program Start	120	1.26	153	0.99	1.00	10	-22°F/-30°C	A
	55	Program Start	277	0.57	154	0.99	1.00	20	-22°F/-30°C	A
4	55	Program Start	120	1.64	198	0.99	1.00	10	-22°F/-30°C	A
	55	Program Start	277	0.72	198	0.98	1.00	15	-22°F/-30°C	A

*Ballast Factor may vary with lamp combinations.

Wiring Diagrams



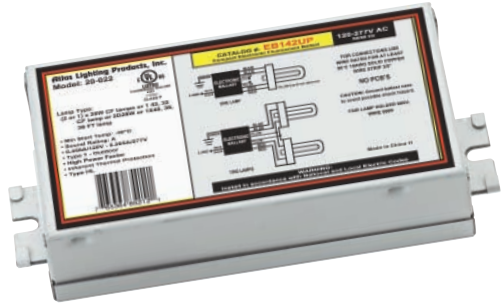
Dimensions



Cross Reference

ATLAS #	ADVANCE	UNIVERSAL	OSRAM/SYLVANIA	GE
EB454UP	ICN-4S54-90C-2LS-G	B454PUNV-E	QTP4X54T5HO/UNVPSNHTW	GE454MVPS90-E

Compact Fluorescent *Ballasts*



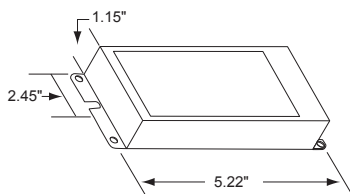
quick SHIP

CATALOG #	DESCRIPTION
EB142UP	1 or 2 Lamp Program Start Compact Fluorescent Ballast

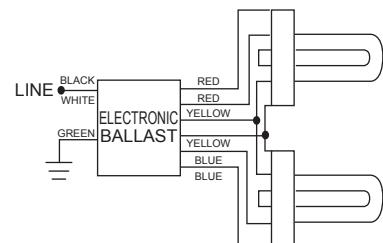
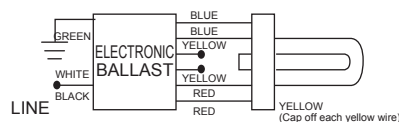
OPERATES THE FOLLOWING LAMPS:

LAMP TYPE			INPUT VOLTS	LINE CURRENT (AMPS)	INPUT POWER (WATTS)	POWER FACTOR	BALLAST FACTOR	THD %	MIN. START TEMP.	SOUND RATING
QTY.	WATTS	START TYPE								
PLT26W										
1	26	Program Start	120	0.22	27	0.99	0.88	10	-4°F, -20°C	A
	26	Program Start	277	0.1	27	0.98	0.88	15	-4°F, -20°C	A
2	26	Program Start	120	0.43	53	0.99	0.86	10	-4°F, -20°C	A
	26	Program Start	277	0.18	53	0.99	0.86	15	-4°F, -20°C	A
PLT32W										
1	32	Program Start	120	0.25	30	0.99	0.8	10	-4°F, -20°C	A
	32	Program Start	277	0.11	30	0.98	0.8	15	-4°F, -20°C	A
PLT42W										
1	42	Program Start	120	0.31	39	0.99	0.8	10	-4°F, -20°C	A
	42	Program Start	277	0.14	39	0.98	0.8	15	-4°F, -20°C	A
PLL24W										
1	24	Program Start	120	0.18	22	0.99	0.8	15	-4°F, -20°C	A
	24	Program Start	277	0.08	22	0.95	0.8	30	-4°F, -20°C	A
PLL36W										
1	36	Program Start	120	0.23	28	0.99	0.72	10	-4°F, -20°C	A
	36	Program Start	277	0.1	28	0.98	0.73	15	-4°F, -20°C	A
PLL39W										
1	39	Program Start	120	0.24	29	0.99	0.49	10	-4°F, -20°C	A
	39	Program Start	277	0.11	29	0.98	0.49	15	-4°F, -20°C	A
PLL40W										
1	40	Program Start	120	0.3	37	0.99	0.78	10	-4°F, -20°C	A
	40	Program Start	277	0.13	37	0.98	0.78	15	-4°F, -20°C	A
2D28W										
1	28	Program Start	120	0.23	28	0.99	0.67	10	-4°F, -20°C	A
	28	Program Start	277	0.1	28	0.98	0.67	15	-4°F, -20°C	A

Dimensions



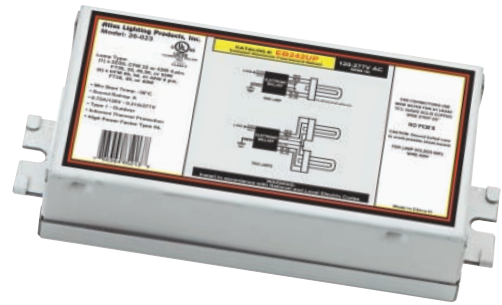
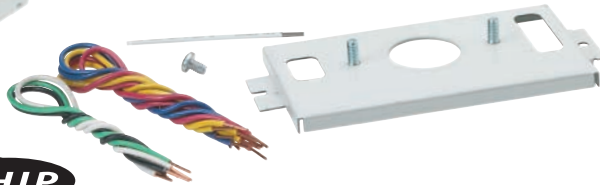
Wiring Diagrams



Cross Reference

ATLAS #	ADVANCE	UNIVERSAL	OSRAM/SYLVANIA	GE
EB142UP	ICF-2S26H1-LD-K	C2642UNVME000K	QTP2X26/1X42/32CF/UNVDS	GEC226-MVPS-3W

Compact Fluorescent *Ballasts*



quick SHIP

CATALOG #	DESCRIPTION
EB242UP	2 Lamp Program Start Compact Fluorescent Ballast

OPERATES THE FOLLOWING LAMPS:

LAMP TYPE			INPUT VOLTS	LINE CURRENT (AMPS)	INPUT POWER (WATTS)	POWER FACTOR	BALLAST FACTOR	THD %	MIN. START TEMP.	SOUND RATING
QTY.	WATTS	START TYPE								
PLT26W										
2	26	Program Start	120	0.46	56	0.99	0.99	10	-22°F, -30°C	A
	26	Program Start	277	0.21	56	0.98	0.96	20	-22°F, -30°C	A
PLT32W										
1	32	Program Start	120	0.3	35	0.98	0.92	20	-22°F, -30°C	A
	32	Program Start	277	0.13	36	0.91	0.95	20	-22°F, -30°C	A
2	32	Program Start	120	0.55	66	0.99	0.89	10	-22°F, -30°C	A
	32	Program Start	277	0.24	66	0.98	0.92	20	-22°F, -30°C	A
PLT42W										
1	42	Program Start	120	0.38	45	0.99	0.92	15	-22°F, -30°C	A
	42	Program Start	277	0.18	48	0.96	0.94	30	-22°F, -30°C	A
2	42	Program Start	120	0.74	88	0.99	0.85	10	-22°F, -30°C	A
	42	Program Start	277	0.32	88	0.99	0.87	20	-22°F, -30°C	A
PLL36W										
1	36	Program Start	120	0.28	33	0.98	0.83	25	-22°F, -30°C	A
	36	Program Start	277	0.13	35	0.92	0.85	45	-22°F, -30°C	A
2	36	Program Start	120	0.51	62	0.99	0.84	10	-22°F, -30°C	A
	36	Program Start	277	0.23	64	0.98	0.86	20	-22°F, -30°C	A
PLL39W										
1	39	Program Start	120	0.3	35	0.98	0.62	25	-22°F, -30°C	A
	39	Program Start	277	0.14	36	0.92	0.64	50	-22°F, -30°C	A
2	39	Program Start	120	0.54	64	0.99	0.62	10	-22°F, -30°C	A
	39	Program Start	277	0.24	66	0.98	0.62	20	-22°F, -30°C	A
PLL40W										
1	40	Program Start	120	0.36	42	0.99	0.84	20	-22°F, -30°C	A
	40	Program Start	277	0.17	44	0.95	0.86	35	-22°F, -30°C	A
2	40	Program Start	120	0.66	79	0.99	0.79	10	-22°F, -30°C	A
	40	Program Start	277	0.29	80	0.98	0.82	20	-22°F, -30°C	A
PLL50W										
1	50	Program Start	120	0.39	47	0.99	0.82	20	-22°F, -30°C	A
	50	Program Start	277	0.18	48	0.96	0.83	25	-22°F, -30°C	A
PLL55W										
1	55	Program Start	120	0.36	43	0.99	0.62	20	-22°F, -30°C	A
	55	Program Start	277	0.16	44	0.95	0.64	35	-22°F, -30°C	A

Cross Reference

ATLAS #	ADVANCE	UNIVERSAL	OSRAM/SYLVANIA	GE
EB242UP	ICF-2S42M2-LD-K	C2642UNVME000K	QTP2X26/32/42CF/UNVDM	GEC42-MVPS-3W

Information is subject to change without notice.

Magnetic Sign Ballasts

High Output Magnetic Sign Ballast

12-24 Linear Feet | 2-4 Lamps



CATALOG #	DESCRIPTION
MSB1224-24-120	2, 3, 4 Lamp High Output Magnetic Sign Ballast

OPERATES THE FOLLOWING LAMPS:

LAMP TYPE			INPUT VOLTS	LINE CURRENT (AMPS)	INPUT POWER (WATTS)	POWER FACTOR	BALLAST FACTOR	THD %	MIN. START TEMP.	SOUND RATING
QTY.	WATTS	START TYPE								
F72T12/HO										
2	85	Rapid Start	120	1.6	170	0.87	0.82	<25	-22°F, -30°C	A
3	85	Rapid Start	120	2.1	230	0.96	0.82	<15	-22°F, -30°C	A
4	85	Rapid Start	120	2.7	285	0.99	0.84	<10	-22°F, -30°C	A

Cross Reference

ATLAS #	ADVANCE	UNIVERSAL	FRANCE	ALLANSON
MSB1224-24-120	ASB-1224-24-BL-TP	USB1024-14	468DR*	472-AT*

*Competitive models are 16-24 feet.

High Output Magnetic Sign Ballast

12-40 Linear Feet | 4-6 Lamps

CATALOG #	DESCRIPTION
MSB1240-46-120	4, 5, 6 Lamp High Output Magnetic Sign Ballast

OPERATES THE FOLLOWING LAMPS:

LAMP TYPE			INPUT VOLTS	LINE CURRENT (AMPS)	INPUT POWER (WATTS)	POWER FACTOR	BALLAST FACTOR	THD %	MIN. START TEMP.	SOUND RATING
QTY.	WATTS	START TYPE								
F72T12/HO										
5	85	Rapid Start	120	3.2	350	0.95	0.77	<10	-22°F, -30°C	A
F48T12/HO										
5	60	Rapid Start	120	2.7	252	0.82	0.78	<20	-22°F, -30°C	A
F36T12/HO										
4	50	Rapid Start	120	2.4	183	0.65	0.75	<35	-22°F, -30°C	A
F96T12/HO / F72T12/HO										
2+4	110+85	Rapid Start	120	3.9	415	0.98	0.78	<15	-22°F, -30°C	A

Cross Reference

ATLAS #	ADVANCE	UNIVERSAL	FRANCE	ALLANSON
MSB1240-46-120	ASB1240-46-BL-TP	USB2036-46	588DR*	672-AT**

*16-40 feet

**24-36 feet

High Output Magnetic Sign Ballast

24-48 Linear Feet | 4-6 Lamps

CATALOG #	LAMP DESCRIPTION
MSB2448-46-120	4, 5, 6 Lamp High Output Magnetic Sign Ballast

OPERATES THE FOLLOWING LAMPS:

LAMP TYPE			INPUT VOLTS	LINE CURRENT (AMPS)	INPUT POWER (WATTS)	POWER FACTOR	BALLAST FACTOR	THD %	MIN. START TEMP.	SOUND RATING
QTY.	WATTS	START TYPE								
F72T12/HO										
4	85	Rapid Start	120	3.0	310	0.85	0.89	<20	-22°F, -30°C	A
5	85	Rapid Start	120	3.2	370	0.92	0.89	<10	-22°F, -30°C	A
F96T12/HO										
5	110	Rapid Start	120	3.5	470	0.96	0.87	<10	-22°F, -30°C	A
6	110	Rapid Start	120	4.5	540	0.96	0.86	<10	-22°F, -30°C	A

Cross Reference

ATLAS #	ADVANCE	UNIVERSAL	FRANCE	ALLANSON
MSB2448-46-120	ASB-2448-46-BL-TP	USB-2048-46	668DR* 688DR**	696-AT ^Δ

*24-36 feet

**36-48 feet

^Δ30-48 feet

Emergency Ballasts

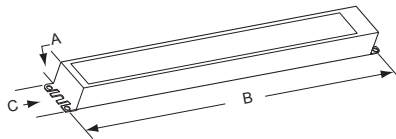
Fluorescent Emergency Ballast Specifications



CATALOG #	DESCRIPTION	CASE QTY
EMB	Fluorescent Emergency Ballast	

CATALOG #	INITIAL LUMEN OUTPUT	AC CURRENT INPUT	AC INPUT POWER	BATTERY CHARGING CURRENT	TEMP. RATING
EMB450	450-500	132/125mA	2.5W	125mA	0°C - 55°C
EMB500	350-450	320mA	2.5W	270mA	0°C - 55°C
EMB500LP	450-500	127/120mA	2.5W	127/120mA	0°C - 55°C
EMB650	300-650	280mA	3.5W	270mA	0°C - 55°C
EMB650-2	300-750	280mA	3.5W	280mA	0°C - 55°C
EMB700	600-700	280mA	3.5W	280mA	0°C - 55°C
EMB800	800	128/122mA	2.5W	128/122mA	0°C - 55°C
EMB1300	1300	126/122mA	2.5W	126/122mA	0°C - 55°C
EMB1400	1100-1400	280mA	4W	280mA	0°C - 55°C
EMB3000	1450-3000	280mA	8W	280mA	0°C - 55°C

Dimensions



CATALOG #	WT (LBS.)	A	B	C
EMB450	1.5	1.12	9.5	2.12
EMB500	2.1	1.5	9.4	2.4
EMB500LP	1.36	1.2	14.2	1.1
EMB650	2.1	1.5	9.4	2.4
EMB650-2	2.1	1.5	9.4	2.4
EMB700	2.5	1.5	9.4	2.4
EMB800	1.7	1.2	17.5	1.1
EMB1300	2.1	1.2	21.5	1.1
EMB1400	3.4	1.5	13.3	2.4
EMB3000	8.7	1.7	16.3	5.5

Lamps Compatibility Chart

CATALOG #	EMB450	EMB500	EMB500LP	EMB650	EMB650-2	EMB700	EMB800	EMB1300	EMB1400	EMB3000
Lumens	450	500	500	650	650	700	800	1300	1400	3000
Linear Lamps										
Number of Lamps Supported										
2' - 4' Rapid, Instant, or Energy Saving, T8 - T12, HO, VHO	1	1	1	1		1 or 2	1	1	1 or 2	1 or 2
2' - 8' Rapid, Instant, or Energy Saving, or Circline T8 - T12, HO, VHO						1			1	1
8W - 28W - T5*	1	1	1			1	1	1	1 or 2	1 or 2
54W - T5HO						1	1	1	1	1
Compact Fluorescent Lamps										
Number of Lamps Supported										
13W - 39W Twin, Quad, or Triple - 4-pin (G24q/GX24q base)				1 or 2		1 or 2			1 or 2	1 or 2
13W - 42W Twin, Quad, or Triple - 4-pin (G24q/GX24q base)				1		1			1	1 or 2
10W - 26W Quad, Triple - 2-pin (G24d/GX24d base)					1					
17W - 40W 4-pin compact	1	1				1 or 2	1	1	1 or 2	1 or 2
40W - 55W 4-pin compact						1	1	1	1	1
Specialty Lamps										
20W - 40W T9/T10/T12 Circline Lamps	1	1				1 or 2			1 or 2	1 or 2
16W - 38W 2D - 4-pin (GR10q base)		1								1 or 2
55W 2D - 4-pin (GR10q base)										1

* In some cases, the ballast may not fit in the T5 fixture and needs to be remotely mounted on the top.

Distributor and Contractor Friendly Packaging



Easy Open



Easy Close

Atlas
Lighting Products

PO Box 2348 | Burlington, NC 27216
1406 S. Mebane Street | Burlington, NC 27215
800-849-8485 | fax 336-227-0110
www.atlaslightingproducts.com
Atlas Cat. #: 452-109