



GE
Lighting

72106 - GESB-1240-46-IP

GE LFL Survivor™ Survivor Sign Ballast Magnetic T12 Sign Illuminating Ballast

- High output ballasts for rugged outdoor sign cabinet applications.
- Reliable low-temperature starting-as low as -20F.
- Ideal for high-moisture environments - UL type 2 outdoor and HL rating
- Class P thermal protection.

GENERAL CHARACTERISTICS

Application	4 to 6 lamp - 12 to 40t, T12 Magnetic Sign Ballast
Category	Linear Fluorescent
Ballast Type	Magnetic - T12 Sign Illuminating
Starting Method	Rapid start
Lamp Wiring	Series
Line Voltage Regulation (+/-) (NOM)	15.0 %
Ambient Temperature (MIN)	-20.0 °F
Ambient Temperature (MAX)	105.0 °F (41 °C)
Case Temperature (MAX)	90.0 °C
Ballast Factor	Normal
Enclosure Type	Metal Can
Additional Info	Thermally protected
Primary Application	Sign

PRODUCT INFORMATION

Product Code	72106
Description	GESB-1240-46-IP
Standard Package	Case
Standard Package GTIN	10043168721063
Standard Package Quantity	1
Sales Unit	Individual Pack
No Of Items Per Sales Unit	1
No Of Items Per Standard	1
Package	
UPC	043168721066

DIMENSIONS

Case dimensions			
Length (L)		19.5 in(495.30 mm)	
Width (W)		3.2 in(81.03 mm)	
Height (H)		2.4 in(61.72 mm)	
Mounting dimensions			
Bracket Length (BL)		NaN in(NaN mm)	
Mount Length (M)		18.6 in(472.95 mm)	
Mount Width (X or F)		NaN in(NaN mm)	
Mount Slots (MS)		NaN in(NaN mm)	
Weight (NOM)		22.1 lb	
Lamp Footage Required (MIN)		12.0 ft	
Lamp Footage Required (MAX)		40.0 ft	
Exit Type		Side	
Lead lengths	Qty	Exit	Length (± 1 in.)
Black	1	Left	24 (610 mm)
White	1	Left	24 (610 mm)
Orange	2	Right	50 (1270 mm)
Blue	2	Right	50 (1270 mm)
Blue/White	2	Left	50 (1270 mm)
Brown	2	Left	50 (1270 mm)
Yellow	2	Left	70 (1778 mm)
Red	2	Right	80 (2032 mm)
Orange/Black	2	Right	50 (1270 mm)

ELECTRICAL CHARACTERISTICS

Supply Current Frequency	60.0 Hz
(NOM)	

SAFETY & PERFORMANCE

- UL type 2 Outdoor
- UL Listed
- UL Type HL

SPECIFICATIONS BY LAMP & WATTAGE

Lamp	# of Lamps	Line Volts	System Watts	Nom. Line Current	System Ballast Factor	Ballast Efficacy Factor	Power Factor% (>=)	Crest Factor (<=)	THD% (<=)	Min. Starting Temp (°F/°C)
F72T12/HO + F96T12/ HO	6	120	466	4.0 A	0.78	0.17	98	1.6	10.0	-22.0 °F / NaN
F72T12/HO	5	120	372	3.5 A	0.77	0.21	90	1.7	15.0	-22.0 °F / NaN
F48T12/HO	5	120	237	2.9 A	0.72	0.30	69	1.8	28.0	-22.0 °F / NaN

F36T12/HO	4	120	196	2.8 A	0.62	0.32	59	1.8	35.0	-22.0 °F / NaN
-----------	---	-----	-----	-------	------	------	----	-----	------	-------------------

NOTES

- High Output 800mA RS Lamps
- System Watts refers to Maximum Watts

WARRANTY INFORMATION

GE Lighting warrants to the purchaser that each ballast will be free from defects in material or workmanship for period as defined in the attached documents from the date of manufacture when properly installed and under normal conditions of use.



GE
Lighting

72106 - GESB-1240-46-IP

GE LFL Survivor™ Survivor Sign Ballast Magnetic T12 Sign Illuminating Ballast

- High output ballasts for rugged outdoor sign cabinet applications.
- Reliable low-temperature starting-as low as -20F.
- Ideal for high-moisture environments - UL type 2 outdoor and HL rating
- Class P thermal protection.

GENERAL CHARACTERISTICS

Application	4 to 6 lamp - 12 to 40t, T12 Magnetic Sign Ballast
Category	Linear Fluorescent
Ballast Type	Magnetic - T12 Sign Illuminating
Starting Method	Rapid start
Lamp Wiring	Series
Line Voltage Regulation (+/-) (NOM)	15.0 %
Ambient Temperature (MIN)	-20.0 °F
Ambient Temperature (MAX)	105.0 °F (41 °C)
Case Temperature (MAX)	90.0 °C
Ballast Factor	Normal
Enclosure Type	Metal Can
Additional Info	Thermally protected
Primary Application	Sign

PRODUCT INFORMATION

Product Code	72106
Description	GESB-1240-46-IP
Standard Package	Case
Standard Package GTIN	10043168721063
Standard Package Quantity	1
Sales Unit	Individual Pack
No Of Items Per Sales Unit	1
No Of Items Per Standard	1
Package	
UPC	043168721066

DIMENSIONS

Case dimensions			
Length (L)			19.5 in(495.30 mm)
Width (W)			3.2 in(81.03 mm)
Height (H)			2.4 in(61.72 mm)
Mounting dimensions			
Bracket Length (BL)		NaN in(NaN mm)	
Mount Length (M)		18.6 in(472.95 mm)	
Mount Width (X or F)		NaN in(NaN mm)	
Mount Slots (MS)		NaN in(NaN mm)	
Weight (NOM)			22.1 lb
Lamp Footage Required (MIN)			12.0 ft
Lamp Footage Required (MAX)			40.0 ft
Exit Type			Side
Lead lengths	Qty	Exit	Length (± 1 in.)
Black	1	Left	24 (610 mm)
White	1	Left	24 (610 mm)
Orange	2	Right	50 (1270 mm)
Blue	2	Right	50 (1270 mm)
Blue/White	2	Left	50 (1270 mm)
Brown	2	Left	50 (1270 mm)
Yellow	2	Left	70 (1778 mm)
Red	2	Right	80 (2032 mm)
Orange/Black	2	Right	50 (1270 mm)

ELECTRICAL CHARACTERISTICS

Supply Current Frequency	60.0 Hz
(NOM)	

SAFETY & PERFORMANCE

- UL type 2 Outdoor
- UL Listed
- UL Type HL

SPECIFICATIONS BY LAMP & WATTAGE

Lamp	# of Lamps	Line Volts	System Watts	Nom. Line Current	System Ballast Factor	Ballast Efficacy Factor	Power Factor% (>=)	Crest Factor (<=)	THD% (<=)	Min. Starting Temp (°F/°C)
F72T12/HO + F96T12/ HO	6	120	466	4.0 A	0.78	0.17	98	1.6	10.0	-22.0 °F / NaN
F72T12/HO	5	120	372	3.5 A	0.77	0.21	90	1.7	15.0	-22.0 °F / NaN
F48T12/HO	5	120	237	2.9 A	0.72	0.30	69	1.8	28.0	-22.0 °F / NaN

F36T12/HO	4	120	196	2.8 A	0.62	0.32	59	1.8	35.0	-22.0 °F / NaN
-----------	---	-----	-----	-------	------	------	----	-----	------	-------------------

NOTES

- High Output 800mA RS Lamps
- System Watts refers to Maximum Watts

WARRANTY INFORMATION

GE Lighting warrants to the purchaser that each ballast will be free from defects in material or workmanship for period as defined in the attached documents from the date of manufacture when properly installed and under normal conditions of use.