SPECIFICATION SHEET

Item Number 5356000

LED 18T8/48''/DIM/30-65 SE/DE AB

Specifications

- Energy Used (Watts): 18
- Volts: 120-277
- Brightness (Lumens): 2250
- Average Rated Hours: 50000
- Beam Spread: 220°
- CRI: 80
- Efficacy (LPW): 125
- Estimated Yearly Energy Cost**: $2.17
- Package Type: Sleeve
- Approved for use in enclosed fixtures
- 0-10v Dimmer Compatibility for Type A Installation

Physical Characteristics

- Color Designation: Multi: 3000, 3500, 4000, 5000, 6500
- Finish: Frost
- Housing Material: Glass and PET
- Base: G13 (Medium BiPin)
- MOL: 48.00"
- MOD: 1.02"

Limited Warranty

5 Year
For full warranty information, please follow this link:
www.westinghouselighting.com/pdfs/warranty-cards/ESF-WH-COMMERCIAL.pdf

Warning

- Turn power off before inspection, installation, or removal.
- Risk of electric shock - Do not use where exposed to water or weather.
- Suitable for Damp Locations - The lamp is suitable for use in wet locations when used in an outdoor rated fixture.
- Do not open - no user serviceable parts inside.
- This device is not intended for use with emergency exit luminaires or emergency exit lights.
- This device complies with Part 15 of the FCC rules and has been tested and found to comply with the limits for a Class B digital device. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to the radio communication. Any changes or modifications not expressly approved by the manufacturer could avoid the user's authority to operate the equipment.
- This lamp may not be compatible with all dimmers.

Specifications are subject to change without notice, please visit www.westinghouselighting.com for latest information.

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** Based on 3hrs./day 11¢/kWh - Cost depends on rates and use.

Westinghouse

SPECIFICATION SHEET

Item Number 5356000

Ballast Compatibility

Y: Compatible
N: **NOT** Compatible
N/A: The ballast can not be used with such qty lamps

Ballast Brand	Ballast Model #	Start Type	Max Loading Q'TY	Voltage	Compatible (Yes/No)			
					1 lamp	2 lamps	3 lamps	4 lamps
ACT	ACT2P32IS347	Instant Start	2	347V	N	Y	N/A	N/A
ACT	ACT2P32IS347L	Instant Start	2	347V	Y	Y	N/A	N/A
ACT	ACT3P32ISUNVE	Instant Start	3	347V	N	Y	Y	N/A
ACT	ACT4P32IS347	Instant Start	4	347V	N	N	Y	Y
ACT	ACT4P32IS347L	Instant Start	4	347V	N	Y	Y	Y
ACT	ACT4P32ISUNVE	Instant Start	4	347V	Y	Y	Y	Y
BallaSTAR	B232PUS50-A	Instant Start	2	120-277V	N	N	N/A	N/A
EIKO	PM-2X32T8-UNV-IS	Instant Start	2	120-277V	N	Y	N/A	N/A
EIKO	PM-3X32T8-UNV-IS-H	Instant Start	3	120-277V	N	N	N	N/A
EIKO	PM-3X32T8-UNV-IS	Instant Start	3	120-277V	N	N	N	N/A
EIKO	PM-4X32T8-UNV-IS	Instant Start	4	120-277V	N	N	N	N
ESPEN	VE2P32MVHPPE 11080	Programmed Start	2	120-277V	Y	Y	N/A	N/A
ESPEN	VE232MVHIPLE	Instant Start	2	120-277V	Y	Y	N/A	N/A
ESPEN	VE2P32MVHIPHE 11069	Instant Start	2	120-277V	N	N	N/A	N/A
ESPEN	VE2P32MVHIPE 11068	Instant Start	2	120-277V	Y	Y	N/A	N/A
ESPEN	VE3P32MVHPPE 11083	Programmed Start	3	120-277V	N	Y	Y	N/A
ESPEN	VE332MVHIPLE	Instant Start	3	120-277V	Y	Y	Y	N/A
ESPEN	VE3P32MVHIPLE 11056	Instant Start	3	120-277V	N	Y	Y	N/A
ESPEN	VE4P32MVHPPE 11086	Programmed Start	4	120-277V	N	Y	Y	Y
ESPEN	VE4P32MVHIPE 11072	Instant Start	4	120-277V	N	Y	Y	Y
ESPEN	VE4P32MVHIPLE 11057	Instant Start	4	120-277V	Y	Y	Y	Y
ESPEN	VE4P32MVHIPHE 11073	Instant Start	4	120-277V	N	N	N	N
GE	GE132-MVPS-H	Programmed Start	1	120-277V	N	N/A	N/A	N/A
GE	GE-132-MV-PS-L	Programmed Start	1	120-277V	Y	N/A	N/A	N/A
GE	GE132MAX-H/Uitra	Instant Start	1	120-277V	N	N/A	N/A	N/A
GE	GE132MAXP-L/ULTRA	Instant Start	1	120-277V	Y	N/A	N/A	N/A
GE	GE-132-MV-N	Instant Start	1	120-277V	Y	N/A	N/A	N/A
GE	GE132MAXP-N/ULTRA	Instant Start	1	120-277V	Y	N/A	N/A	N/A
GE	GE132MAX-G-347	Instant Start	1	347V	N	N/A	N/A	N/A
GE	GE132MAX-G-N	Instant Start	1	120-277V	Y	N/A	N/A	N/A
GE	GE232-MVPS-L	Programmed Start	2	120-277V	Y	Y	N/A	N/A
GE	GE232-MVPS-N	Programmed Start	2	120-277V	Y	Y	N/A	N/A
GE	GE-232-MVPS-XL	Programmed Start	2	120-277V	Y	Y	N/A	N/A
GE	GE-232-MV-PS-N	Programmed Start	2	120-277V	N	Y	N/A	N/A
GE	GE232MAXP-H/ULTRA	Instant Start	2	120-277V	N	N	N/A	N/A
GE	GE232-MV-PS-H	Instant Start	2	120-277V	N	N	N/A	N/A
GE	GE232MAX-L/ULTRA	Instant Start	2	120-277V	Y	Y	N/A	N/A
GE	GE232MAX-G-N	Instant Start	2	120-277V	Y	Y	N/A	N/A
GE	GE232MAX-G-N-DIYB	Instant Start	2	120-277V	Y	Y	N/A	N/A

Ballast Compatibility

Y: Compatible
N: **NOT** Compatible
N/A: The ballast can not be used with such qty lamps

Ballast Brand	Ballast Model #	Start Type	Max Loading Q'TY	Voltage	Compatible (Yes/No)			
					1 lamp	2 lamps	3 lamps	4 lamps
GE	GE232-120RES-B	Instant Start	2	120V	N	N	N/A	N/A
GE	GE-232-MV-N	Instant Start	2	120-277V	Y	Y	N/A	N/A
GE	GE-232-MV-PS-H	Instant Start	2	120-277V	N	N	N/A	N/A
GE	GE232MAXG-N-DIYL	Instant Start	2	120-277V	Y	Y	N/A	N/A
GE	GE232MAX347-H	Instant Start	2	347V	N	N	N/A	N/A
GE	GE232MAXP-L/ULTRA	Instant Start	2	120-277V	Y	Y	N/A	N/A
GE	GE232MAX-N/ULTRA	Instant Start	2	120-277V	Y	Y	N/A	N/A
GE	GE232MVPS-N-VO3	Instant Start	2	120-277V	Y	Y	N/A	N/A
GE	GE-332-MVPS-XL	Programmed Start	3	120-277V	Y	Y	Y	N/A
GE	GE332-MVPS-L	Programmed Start	3	120-277V	Y	Y	Y	N/A
GE	GE332MAXP-H-42T	Instant Start	3	120-277V	N	N	N	N/A
GE	GE332MAX-G-N	Instant Start	3	120-277V	N	Y	Y	N/A
GE	GE332MAXP-L/ULTRA	Instant Start	3	120-277V	N	Y	Y	N/A
GE	GE332MAXP347-H	Instant Start	3	347V	N	N	N	N/A
GE	GE332MAX-G-H	Instant Start	3	120-277V	N	N	N	N/A
GE	GE332MAX-G-N-DIYB	Instant Start	3	120-277V	N	Y	Y	N/A
GE	GE332MV-N-DIY	Instant Start	3	120-277V	N	Y	Y	N/A
GE	GE432MAXP-H/ULTRA	Instant Start	4	120-277V	N	N	N	N
GE	GE432MAXG-N-DIYL	Instant Start	4	120-277V	N	N	Y	Y
GE	GE432MAX-L/Uitra	Instant Start	4	120-277V	N	Y	Y	Y
GE	GE432MAXP347-H	Instant Start	4	120-277V	N	N	N	N
GE	GE432MAX90-V60	Instant Start	4	120-277V	N	N	N	N
GE	GE432MAXPH/ULTRA	Instant Start	4	120-277V	N	N	N	N
GE	GE432MAXP-L/ULTRA	Instant Start	4	120-277V	N	Y	Y	Y
GE	GE432MAXP347-N	Instant Start	4	347V	N	Y	Y	Y
Halco	EP232IS/MV/HE	Instant Start	2	120-277V	N	Y	N/A	N/A
Halco	EP332IS/MV/HE	Instant Start	3	120-277V	N	Y	Y	N/A
Halco	EP332IS/L/MV/HE	Instant Start	3	120-277V	Y	Y	Y	N/A
Halco	EP432IS/L/MV/HE	Instant Start	4	120-277V	N	Y	Y	Y
HEP	SIS117-32 UNI S	Instant Start	1	120-277V	N	N/A	N/A	N/A
HI HOWARD INDUSTRIES	EPL2/32IS/MV/MC/HE	Instant Start	2	120-277V	Y	Y	N/A	N/A
HI HOWARD INDUSTRIES	EP2/32IS/MV/MC/HE	Instant Start	2	120-277V	N	Y	N/A	N/A
HI HOWARD INDUSTRIES	EPL3/32IS/MV/SC/HE	Instant Start	3	120-277V	Y	Y	Y	N/A
HI HOWARD INDUSTRIES	EPH4/32IS/MV/SC	Instant Start	4	120-277V	N	N	N	N
HI HOWARD INDUSTRIES	EP4/32IS/MV/MC/HE	Instant Start	4	120-277V	N	N	Y	Y
HI HOWARD INDUSTRIES	EPL4/32IS/MV/MC/HE	Instant Start	4	120-277V	N	Y	Y	Y
KEYSTONE	KTEB-232-UV-IS-N-P	Instant Start	2	120-277V	N	Y	N/A	N/A
KEYSTONE	KTEB-332-UV-IS-N-P	Instant Start	3	120-277V	N	Y	Y	N/A
KEYSTONE	KTEB-432RIS-1-TP-SL	Instant Start	4	120V	N	Y	Y	Y
KEYSTONE	KTEB-432-UV-IS-N-P	Instant Start	4	120-277V	N	N	Y	Y
OSRAM	QHE 2X32T8/UNV PSX-MC	Programmed Start	2	120-277V	Y	Y	N/A	N/A

Ballast Compatibility

Y: Compatible
N: **NOT** Compatible
N/A: The ballast can not be used with such qty lamps

Ballast Brand	Ballast Model #	Start Type	Max Loading Q'TY	Voltage	Compatible (Yes/No)			
					1 lamp	2 lamps	3 lamps	4 lamps
OSRAM	QHE 2X32T8/UNV PSN-MC	Programmed Start	2	120-277V	N	Y	N/A	N/A
OSRAM	QHE 2X32T8/UNV ISH HT-SC	Instant Start	2	120-277V	N	N	N/A	N/A
OSRAM	QHE 2X32T8/UNV ISL-SC-1	Instant Start	2	120-277V	Y	Y	N/A	N/A
OSRAM	QHE 2X32T8/UNV ISL-SC	Instant Start	2	120-277V	Y	Y	N/A	N/A
OSRAM	QTP 2X32T8/UNV ISN-SC	Instant Start	2	120-277V	Y	Y	N/A	N/A
OSRAM	QHE 2X32T8/UNV ISN-SC	Instant Start	2	120-277V	N	Y	N/A	N/A
OSRAM	QHE 2X32T8/UVN ISN-SC	Instant Start	2	120-277V	N	Y	N/A	N/A
OSRAM	QHES 2X32T8/UVN PSN-SC	Instant Start	2	120-277V	Y	Y	N/A	N/A
OSRAM	QHE 3X32T8/UNV ISL-SC	Instant Start	3	120-277V	Y	Y	Y	N/A
OSRAM	QHE 3X32T8/UNV ISH HT-SC	Instant Start	3	120-277V	N	N	N	N/A
OSRAM	QTP 3X32T8/UNV ISN-SC	Instant Start	3	120-277V	N	Y	Y	N/A
OSRAM	QHE 3X32T8/UVN PSN-SC	Instant Start	3	120-277V	N	Y	Y	N/A
OSRAM	QHE 3X32T8/UVN ISL-SC	Instant Start	3	120-277V	Y	Y	Y	N/A
OSRAM	QTP 4X32T8/UVN ISL-SC	Instant Start	4	120-277V	N	Y	Y	Y
OSRAM	QHE 4X32T8/UVN ISL-SC	Instant Start	4	120-277V	N	Y	Y	Y
OSRAM	QTP 4X32T8/UVN ISN-SC	Instant Start	4	120-277V	N	Y	Y	Y
PHILIPS	IOPA-1P32-LW-N	Instant Start	1	120-277V	Y	N/A	N/A	N/A
PHILIPS	ICN-1P32-N	Instant Start	1	120-277V	Y	N/A	N/A	N/A
PHILIPS	IOP-2PSP32-LW-N	Programmed Start	2	120-277V	Y	Y	N/A	N/A
PHILIPS	IOP-2PSP32-N	Programmed Start	2	120-277V	Y	Y	N/A	N/A
PHILIPS	IOP-2P32-HL-N	Instant Start	2	120-277V	N	N	N/A	N/A
PHILIPS	ICN-2P32-N	Instant Start	2	120-277V	N	Y	N/A	N/A
PHILIPS	IOP-2P32-N	Instant Start	2	120-277V	N	Y	N/A	N/A
PHILIPS	IOPA-2P32-LW-N	Instant Start	2	120-277V	N	Y	N/A	N/A
PHILIPS	REL-2P32-SC	Instant Start	2	120V	N	Y	N/A	N/A
PHILIPS	IOP-2P32HL-SC	Instant Start	2	120-277V	N	N	N/A	N/A
PHILIPS	IOP-2P32-LW-N	Instant Start	2	120-277V	N	Y	N/A	N/A
PHILIPS	IOPA-2P32-N	Instant Start	2	120-277V	N	Y	N/A	N/A
PHILIPS	ICN-2P32-SC	Instant Start	2	120-277V	N	Y	N/A	N/A
PHILIPS	RCN-2S32-SC	Instant Start	2	120V	N	Y	N/A	N/A
PHILIPS	REB-2P32-N	Instant Start	2	120V	N	N	N/A	N/A
PHILIPS	IOPA-3P32-N	Instant Start	3	120-277V	N	Y	Y	N/A
PHILIPS	REL-3P32-SC	Instant Start	3	120V	N	N	N	N/A
PHILIPS	IOPA-3P32-LW-N	Instant Start	3	120-277V	N	N	Y	N/A
PHILIPS	ICN-3P32-N	Instant Start	3	120-277V	N	Y	Y	N/A
PHILIPS	IOPA-3P32-LW-SC	Instant Start	3	120-277V	Y	Y	Y	N/A
PHILIPS	IOP-4P32-LW-SC	Instant Start	4	120-277V	Y	Y	Y	Y
PHILIPS	ICN-4P32-N	Instant Start	4	120-277V	N	N	Y	Y
PHILIPS	IOP-4P32-LW-N	Instant Start	4	120-277V	N	Y	Y	Y
PHILIPS	REB-4P32-SC	Instant Start	4	120V	N	N	N	N
PHILIPS	VEL-4P32-SC	Instant Start	4	277V	N	N	Y	Y
PHILIPS	ICN-4P32-SC	Instant Start	4	120-277V	N	N	N	N

Ballast Compatibility

Y: Compatible
N: **NOT** Compatible
N/A: The ballast can not be used with such qty lamps

Ballast Brand	Ballast Model #	Start Type	Max Loading Q'TY	Voltage	Compatible (Yes/No)			
					1 lamp	2 lamps	3 lamps	4 lamps
PHILIPS	IOPA-4P32-N	Instant Start	4	120-277V	N	N	Y	Y
PHILIPS	IOP-4PSP32-SC	Instant Start	4	120-277V	N	N	Y	Y
PHILIPS	IOPA-4P32-LW-N	Instant Start	4	120-277V	N	Y	Y	Y
PHILIPS	VZT-4S32-G	Instant Start	4	277V	N	N	Y	Y
Plusrite	BAF232PS/MV	Programmed Start	2	120-277V	N	Y	N/A	N/A
Plusrite	BAF432IS/MV	Instant Start	4	120-277V	N	N	Y	Y
ROBERTSON	ISS232T8MVW	Instant Start	2	120-277V	N	Y	N/A	N/A
ROBERTSON	ISL432T8HEMV 3P20160	Instant Start	4	120-277V	N	N	N	N
Sunlite	40155-SU·SB/232/MV	Instant Start	2	120-277V	N	Y	N/A	N/A
SYLVANIA	QHE 1X32T8/UNV ISL-SC	Instant Start	1	120-277V	Y	N/A	N/A	N/A
SYLVANIA	QHE 1X32T8/UNV ISN-SC	Instant Start	1	120-277V	Y	N/A	N/A	N/A
SYLVANIA	QHE 1X32T8/UNV ISH HT SC	Instant Start	1	120-277V	N	N/A	N/A	N/A
SYLVANIA	QTP 1X32T8/UNV ISN-SC	Instant Start	1	120-277V	N	N/A	N/A	N/A
SYLVANIA	QTP 2X32T8/UNV PSX-TC	Programmed Start	2	120-277V	N	Y	N/A	N/A
SYLVANIA	QHE 2X32T8/UNV ISH-SC	Instant Start	2	120-277V	N	N	N/A	N/A
SYLVANIA	QHE 2X32T8/347 ISL-SC	Instant Start	2	347V	Y	Y	N/A	N/A
SYLVANIA	QTP 2X32T8/347 ISN-SC	Instant Start	2	120-277V	Y	Y	N/A	N/A
SYLVANIA	QTP 2X32T8 UNV ISN SC	Instant Start	2	120-277V	Y	Y	N/A	N/A
SYLVANIA	QHE 2X32T8/UNV PSL-SC	Instant Start	2	120-277V	N	N	N/A	N/A
SYLVANIA	QTP 3X32T8/UNV PSX-SC	Instant Start	3	120-277V	N	N	Y	N/A
SYLVANIA	QHE 4X32T8/UNV ISL-SC	Instant Start	4	120-277V	Y	Y	Y	Y
SYLVANIA	QHE 4X32T8/UNV ISN-SC	Instant Start	4	120-277V	N	N	Y	Y
SYLVANIA	QHE 4X32T8/UNV PSX-SC	Instant Start	4	120-277V	Y	Y	Y	Y
TCP	E3P32ISUNVE	Instant Start	3	120-277V	N	Y	Y	N/A
TCP	E4P32ISUNVE	Instant Start	4	120-277V	N	N	N/A	N/A
TCP	E4P32ISUNHE	Instant Start	4	120-277V	N	N	N	N
Triad	B232PUNVHE-B	Programmed Start	2	120-277V	N	Y	N/A	N/A
Triad	B232IUNV-C	Instant Start	2	120-277V	N	Y	N/A	N/A
Triad	B232IUNVHP-N	Instant Start	2	120-277V	N	Y	N/A	N/A
Triad	B232IUNVEL-N	Instant Start	2	120-277V	Y	Y	N/A	N/A
Triad	B232IUNVHEH-A	Instant Start	2	120-277V	N	N	N/A	N/A
Triad	B332IUNVHE-A	Instant Start	3	120-277V	N	Y	Y	N/A
Triad	B332IUNVEL-A	Instant Start	3	120-277V	Y	Y	Y	N/A
Triad	B332IUNVHP-A	Instant Start	3	120-277V	N	Y	Y	N/A
Triad	B432PUNVHE-A	Programmed Start	4	120-277V	N	N	Y	Y
Triad	B432IUNVHE-A	Instant Start	4	120-277V	N	N	Y	Y
Triad	B432IUNVHP-A	Instant Start	4	120-277V	N	Y	Y	Y

Dimming Ballast

Y: Compatible
N: **NOT** Compatible
N/A: The ballast can not be used with such qty lamps

Ballast Brand	Ballast Model #	Start Type	Max Loading Q'TY	Voltage	Compatible (Yes/No)			
					1 lamp	2 lamps	3 lamps	4 lamps
PHILIPS	IZT-132-SC	Dimmable Programmed Start	1	120-277V	Y	N/A	N/A	N/A
PHILIPS	IZT-2S32-SC	Dimmable Programmed Start	2	120-277V	N	Y	N/A	N/A
PHILIPS	REZ-2S32-SC	Dimmable Programmed Start	2	120V	N	Y	N/A	N/A
PHILIPS	IZT-2PSP32-SC	Dimmable Programmed Start	2	120-277V	Y	Y	N/A	N/A
PHILIPS	VEZ-2S32-SC	Dimmable Programmed Start	2	277V	N	Y	N/A	N/A
PHILIPS	IZT-3PSP32-SC	Dimmable Programmed Start	3	120-277V	Y	Y	Y	N/A
PHILIPS	REZ-3S32-SC	Dimmable Programmed Start	3	120V	N	N	Y	N/A
PHILIPS	IZT-4S32	Dimmable Programmed Start	4	120-277V	N	N	Y	Y
OSRAM	QHE 2X32T8/UNV DIM-TC	Dimmable Programmed Start	2	120-277V	N	Y	N/A	N/A
OSRAM	QHE 3X32T8/UNV DIM-TCL	Dimmable Programmed Start	3	120-277V	N	N	Y	N/A
OSRAM	QHE 4X32T8/UNV DIM-TCL	Dimmable Programmed Start	4	120-277V	N	N	N	Y
GE	GE432MVPSH-V03	Dimmable Programmed Start	4	120-277V	N	N	N	N
SYLVANIA	QTP 1X32T8/UNV DIM-TC	Dimmable Programmed Start	1	120-277V	Y	N/A	N/A	N/A
SYLVANIA	QTP 2X32T8/UNV DIM-TC	Dimmable Programmed Start	2	120-277V	N	Y	N/A	N/A
SYLVANIA	QTP 3X32T8/UNV DIM-TCL	Dimmable Programmed Start	3	120-277V	N	N	Y	N/A
SYLVANIA	QTP 4X32T8/UNV DIM-TCL	Dimmable Programmed Start	4	120-277V	N	N	N	N

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SPECIFICATION SHEET

Item Number 535600

Compatible Dimmers

Brand	Model
Lutron	DVELV-300P-BR, DVELV-300P-GR, DVELV-300P-IV, DVELV-300P-LA, DVELV-300P-WH, DVELV-303P-BR, DVELV-303P-GR, DVELV-303P-IV, DVELV-303P-LA, DVELV-303P-WH, MAELV-600-AL, MAELV-600-BL, MAELV-600-BR, MAELV-600-GR, MAELV-600-IV, MAELV-600-LA, MAELV-600-WH

WESTINGHOUSE LIGHTING

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