

# LED

## 4 ft. Plug-and-Play T8 Tube



### BALLAST COMPATIBILITY

PLT-90016  PLT LED 4FT T8, 15-Watt, 2200 Lumens		NC	Incompatible	P	PF <.85					
		N	Acoustic noise >20dB	T	THD >30%					
		S	Can't start-up	C	Compatible					
		F	Flicker after >2s star	/	Not tested					
		HT	High temperature	NA	Not applicable					
Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connection	N-1 Lamp		N Lamp	
				Type	Value		DR G5S 15W	DR G5S 15W	DR G5S 15W	DR G5S 15W
							120Vac	277Vac	120Vac	277Vac
Philips-Advance	IOP-2P32-LW-N	IS	2	L	0.77	Parallel	C	C	C	C
OSRAM SYLVANIA	QTP 2X32T8/UNV ISN-SC	IS	2	N	0.88	Parallel	C	C	C	C
OSRAM SYLVANIA	QHE 2X32T8/UNV ISN-SC	IS	2	N	0.88	Parallel	C	C	C	C
OSRAM SYLVANIA	QHE 2X32T8/UNV ISL-SC	IS	2	L	0.78	Parallel	C	C	C	C
General Electric	GE-232-MV-N	IS	2	N	0.88	Parallel	C	C	C	C
Universal Lighting Technology	B232IUNVEL-A	IS	2	L	0.77	Parallel	C	C	C	C
General Electric	GE432MAX-L/ULTRA	IS	4	L	0.78	Parallel	C	C	C	C
HOWARD INDUSTRIES	EPL4/32IS/MV/MC/HE	IS	4	L	0.77	Parallel	C	C	C	C
ProLume	EP232IS/L/MV/SL	IS	2	L	0.78	Parallel	C	C	C	C
ESPEL	VE232MVHIPLE	IS	2	L	0.77	Parallel	C	C	C	C
General Electric	GE232MAX-L/ULTRA	IS	2	L	0.78	Parallel	C	C	C	C
Halco	EP232IS/MV/HE	IS	2	N	0.88	Parallel	C	C	C	C
General Electric	GE332MAX-N/ULTRA	IS	3	N	0.88	Parallel	C	C	C	C
OSRAM SYLVANIA	QTP 3X32T8/UNV ISN-SC	IS	3	N	0.88	Parallel	C	C	C	C
Universal Lighting Technology	B332IUNVHP-A	IS	3	N	0.88	Parallel	C	C	C	C
MAXLITE	SKEU324HE/SC	IS	4	N	0.88	Parallel	C	C	C	C
MAXLITE	SKEU323L/SC	IS	3	L	0.78	Parallel	C	C	C	C
Halco	EP332IS/MV/HE	IS	3	N	0.87	Parallel	C	C	C	C
Halco	EP432IS/MV/HE	IS	4	N	0.88	Parallel	C	C	C	C
Halco	EP432IS/L/MV/HE	IS	4	L	0.78	Parallel	C	C	C	C
General Electric	GE432MV-N-42T	IS	4	N	0.93	Parallel	C	C	C	C
General Electric	GE432MAX-N/ULTRA	IS	4	N	0.88	Parallel	C	C	C	C
MAXLITE	MLEU322HEL/SC	IS	2	N	0.83	Parallel	C	C	C	C
PLUSRITE	BAF232IS/MV	IS	2	N	0.89	Parallel	C	C	C	C
EIKO	PM-2X32T8-UNV-IS-L	IS	2	L	0.77	Parallel	C	C	C	C
EIKO	PM-3X32T8-UNV-IS	IS	3	N	0.87	Parallel	C	C	C	C
EIKO	PM-3X32T8-UNV-IS-L	IS	3	L	0.78	Parallel	C	C	C	C
HOWARD INDUSTRIES	EPL3/32IS/MV/SC/HE	IS	3	L	0.78	Parallel	C	C	C	C
PLUSRITE	BAF332IS/MV	IS	3	N	0.88	Parallel	C	C	C	C
TCP	E3P32ISUNVE	IS	3	N	0.88	Parallel	C	C	C	C
TCP	E4P32ISUNVE	IS	4	N	0.88	Parallel	C	C	C	C
HOWARD INDUSTRIES	EP4/32IS/MV/MC/HE	IS	4	N	0.88	Parallel	C	C	C	C
HOWARD INDUSTRIES	EP2/32IS/MV/MC/HE	IS	2	N	0.89	Parallel	C	C	C	C
HOWARD INDUSTRIES	EP3 / 32IS / MV / MC / HE	IS	3	N	0.88	Parallel	C	C	C	C
WORK HORSE	WHS63-UNV-T8-IS	IS	3	N	0.99	Parallel	C	C	C	C
WORK HORSE	WHS64-UNV-T8-IS	IS	4	N	0.96	Parallel	C	C	C	C
MAXLITE	MLEU324HE/SC	IS	4	N	0.88	Parallel	C	C	C	C
SUNPARK	U-2/32ISE-LBF	IS	2	L	0.78	Parallel	C	C	C	C
SUNPARK	U-3/32ISE	IS	3	N	0.88	Parallel	C	C	C	C
SUNPARK	U-4/32IS HP, F	IS	4	N	0.88	Parallel	C	C	C	C
SUNPARK	U-4/32ISE-LBF	IS	4	L	0.77	Parallel	C	C	C	C
EIKO	PM-2X32T8-UNV-IS	IS	2	N	0.87	Parallel	C	C	C	C
KEYSTONE	KTEB-332-UV-IS-N-P	IS	3	N	0.87	Parallel	C	C	C	C
KEYSTONE	KTEB-432-UV-IS-N-P	IS	4	N	0.87	Parallel	C	C	C	C
Halco	EP332IS/L/MV/HE	IS	3	L	0.78	Parallel	C	C	C	C
HATCH	HL232BIS/UV/HE/W	IS	2	N	0.9	Parallel	C	C	C	C
HATCH	HL432BIS/UV/HE/W	IS	4	N	0.9	Parallel	C	C	C	C
ARCATA	ACT 3P32ISUNVLE	IS	3	L	0.78	Parallel	C	C	C	C
LIGHTING PRODUCTS LIMITED	EB-332EBF-UV-TP-HE	IS	3	L	0.78	Parallel	C	C	C	C
Watran	DB-332N-MV-TP-HE	IS	3	N	0.87	Parallel	C	C	C	C
Watran	DB-432L-MV-TP-HE	IS	4	L	0.77	Parallel	C	C	C	C
Philips-Advance	IOPA-4P32-SC	IS	4	N	0.92	Parallel	C	C	C	C
Universal Lighting Technology	B432IUNVHE-A	IS	4	N	0.87	Parallel	C	C	C	C
General Electric	GE232MAX-G-L	IS	2	L	0.77	Parallel	C	C	C	C
General Electric	GE332MAX-L/ULTRA	IS	3	L	0.77	Parallel	C	C	C	C
General Electric	GE232MAX-G-N	IS	2	N	0.88	Parallel	C	C	C	C
Cooper Lighting	CL-432ISUNV-R1-B	IS	4	H	1.18	Parallel	C	C	C	C
Philips-Advance	IOP-3PSP32-SC	PS	3	N	0.88	Parallel	C	C	C	C
Universal Lighting Technology	B432PUNVHE-A	PS	4	N	0.87	Parallel	C	C	C	C
General Electric	GE-332-MVPS-N	PS	3	N	0.88	Parallel	C	C	C	C

# LED

## 4 ft. Plug-and-Play T8 Tube



### BALLAST COMPATIBILITY

PLT-90016  PLT LED 4FT T8, 15-Watt, 2200 Lumens				NC	Incompatible	P	PF <0.85			
				N	Acoustic noise >20dB	T	THD >30%			
				S	Can't start-up	C	Compatible			
				F	Flicker after >2s star	/	Not tested			
				HT	High temperature	NA	Not applicable			
Ballast Brand	Part Number	Start Method	# of Lamps	BF		Lamp Connection	N-1 Lamp		N Lamp	
				Type	Value		DR G5S 15W	DR G5S 15W	DR G5S 15W	DR G5S 15W
							120Vac	277Vac	120Vac	277Vac
Halco	EP232IS/H/MV/HE	IS	2	H	1.18	Parallel	C	C	C	C
Halco	EP332IS/L/MV/HE	IS	3	L	0.78	Parallel	C	C	C	C
Universal Lighting Technologie	B232IUNVHP-B	IS	2	N	0.88	Parallel	C	C	C	C
HATCH	HL232BIS/UV/HE/W	IS	2	N	0.9	Parallel	C	C	C	C
HATCH	HL432BIS/UV/HE/W	IS	4	N	0.9	Parallel	C	C	C	C
HOWARD INDUSTRIES	EPH3/32IS/MV/MC/HE	IS	3	N	0.91	Parallel	C	C	C	C
ARCATA	ACT 3P32ISUNVLE	IS	3	L	0.78	Parallel	C	C	C	C
LIGHTING PRODUCTS LIMITED	EB-332EBF-UV-TP-HE	IS	3	L	0.78	Parallel	C	C	C	C
KEystone	KTEB-432-UV-IS-H-P	IS	4	H	1.18	Parallel	C	C	C	C
TOPAZ	B232IUNVHEH/A-TPZ	IS	2	H	1.18	Parallel	C	C	C	C
TOPAZ	B432IUNVHEH/A-TPZ	IS	4	H	1.18	Parallel	C	C	C	C
Universal Lighting Technologie	B232IUNV-C	IS	2	N	0.88	Parallel	C	C	C	C
DAMAR	EL332HL-120/277HF (3654H)	IS	3	H	/	Parallel	C	C	C	C
DAMAR	EL432-120/277HF (3093B)	IS	4	N	/	Parallel	C	C	C	C
DAMAR	EL432HL-120/277HF (3093C)	IS	4	H	/	Parallel	C	F	C	C
Plusrite	BAF232IS/MV/L	IS	2	L	0.78	Parallel	C	C	C	C
Plusrite	BAF432IS/MV	IS	4	N	0.88	Parallel	C	C	C	C
Plusrite	BAF432IS/MV/L	IS	4	L	0.78	Parallel	C	C	C	C
Watran	DB-232N-MV-TP-HE	IS	2	N	0.87	Parallel	C	C	C	C
Watran	DB-332N-MV-TP-HE	IS	3	N	0.87	Parallel	C	C	C	C
Watran	DB-432N-MV-TP-HE	IS	4	N	0.87	Parallel	C	C	C	C
Watran	DB-432L-MV-TP-HE	IS	4	L	0.77	Parallel	C	C	C	C
Watran	DB-232N-MV-TP-HE (SC)	IS	2	N	0.87	Parallel	C	C	C	C
ACT	ACT 2P32ISUNVE	IS	2	N	0.89	Parallel	C	C	C	C
ANTRON ELECTRONICS	A32T8MICLO	IS	2	L	0.78	Parallel	C	C	C	C
EIKO	PM-2x32T8-UNV-IS-H	IS	2	H	1.18	Parallel	C	C	C	C
OSRAM SYLVANIA	QHE 3x32T8/UNV ISH HT-SC	IS	3	H	1.18	Parallel	C	C	C	C
TCP	TCP3P32ISUNVH	IS	3	H	1.18	Parallel	C	C	C	C
OSRAM SYLVANIA	QTP 2X32T8/UNV ISL-SC	IS	2	L	0.78	Parallel	C	C	C	C
Philips-Advance	IOPA-4P32-SC	IS	4	N	0.92	Parallel	C	C	C	C
Universal Lighting Technologie	B432IUNVHE-A	IS	4	N	0.87	Parallel	C	C	C	C
Universal Lighting Technologie	B432IUNVHEH-E	IS	4	H	1.15	Parallel	C	C	C	C
General Electric	GE232MAX-G-L	IS	2	L	0.77	Parallel	C	C	C	C
OSRAM SYLVANIA	QHE 2X32T8/UNV ISH HT-SC	IS	2	H	/	Parallel	C	C	C	C
General Electric	GE332MAXP-L/ULTRA	IS	3	L	0.77	Parallel	C	C	C	C
ESPEN	VE2P32MVHIPE	IS	2	N	0.89	Parallel	C	C	C	C
General Electric	GE232MAX-G-N	IS	2	N	0.88	Parallel	C	C	C	C
Cooper Lighting	CL-432ISUNV-R1-B	IS	4	H	1.18	Parallel	C	C	C	C
General Electric	GE432MAX-G-H	IS	4	H	1.18	Parallel	C	C	C	C
Philips-Advance	ICN-3P32-SC	IS	3	N	0.89	Parallel	C	C	C	C
Philips-Advance	IOPA-4P32-HL	IS	4	H	1.18	Parallel	C	C	C	C
KEystone	KTEB-232-UV-IS-L-P	IS	2	L	/	Parallel	C	C	C	C
Philips-Advance	IOPA-2P32-LW-N	IS	2	L	0.76	Parallel	C	C	C	C
Philips-Advance	IOPA-4P32-LW-N	IS	4	L	0.76	Parallel	C	C	C	C
OSRAM SYLVANIA	QHE 4X32T8/UNV ISH	IS	4	H	/	Parallel	C	C	C	C
Philips-Advance	IOPA-3P32-LW-SC	IS	3	L	0.78	Parallel	C	C	C	C
STANDARD	E232T8IS120-277/N/AS	IS	2	N	0.88	Parallel	C	C	C	C
General Electric	GE232MAXP-N/ULTRA	IS	2	/	/	Parallel	C	C	C	C
General Electric	GE332MAXP-N/ULTRA	IS	3	/	/	Parallel	C	C	C	C
General Electric	GE432MV-N	IS	4	/	/	Parallel	C	C	C	C
Philips-Advance	IOP-4PSP32-SC (REV A)	PS	4	N	0.89	Parallel	C	C	C	C
Philips-Advance	IOP-4PSP32-LW-SC	PS	4	L	0.69	Parallel	C	C	C	C
OSRAM SYLVANIA	QHE 2X32T8/UNV PSH-HT	PRS	2	H	1.18	Parallel	C	C	C	C
Universal Lighting Technologie	B432PUNVHE-A	PS	4	N	0.87	Parallel	C	C	C	C
OSRAM SYLVANIA	QHE 2X32T8/UNV PSN-MC	PRS	2	N	0.88	Parallel	C	C	C	C
Philips-Advance	IOP-2PSP32-LW-N	PS	2	L	0.71	Parallel	C	C	C	C
Universal Lighting Technologie	B332PUNVHE-A	PS	3	N	0.88	Parallel	C	C	C	C
General Electric	GE-332-MVPS-N	PS	3	N	0.88	Parallel	C	C	C	C
OSRAM SYLVANIA	QHE 4X32T8/UNV PSN-SC	PRS	4	N	0.88	Parallel	C	C	C	C
General Electric	GE-232-MV-PS-N	PS	2	N	0.88	Parallel	C	C	C	C
Superior Life	70210	PS	2	N	0.88	Parallel	C	C	C	C
Superior Life	70211	PS	4	N	0.87	Parallel	C	C	C	C
Universal Lighting Technologie	B332PUNVHEH-A	PS	3	H	1.18	Parallel	C	C	C	C
HOWARD INDUSTRIES	EP4/32PPRS/MV/SC/HE	PRS	4	N	/	Parallel	C	C	C	C
OSRAM SYLVANIA	QHE 3X32T8/UNV PSH-HT-SC	DPS	3	H	1.15	Parallel	C	C	C	C