LED One Model #	Brand	Model Number	Ballast Type	# of Lamps
	Philips-Advance	IOP-1P32-N	IS	1
	General Electric	GE132MAX-G-N	IS	1
	SUNPARK	120-1/32IS HP,F	IS	1
	General Electric	GE132MAX-H/ULTRA	IS	1
	Universal Lighting Technologies	B132IUNVHP-N	IS	1
	General Electric	GE132MAX-L/ULTRA	IS	1
	Philips-Advance	ICN-1P32-N	IS	1
	OSRAM SYLVANIA	QHE 1X32T8/UNV ISN-SC	IS	1
	Philips-Advance	IOPA-1P32-N	IS	1
	OSRAM SYLVANIA	QHE 1X32T8/UNV ISL-SC	IS	1
	OSRAM SYLVANIA	QTP 1X32T8/UNV ISN-SC	IS	1
LOD-GDMT82F-8.5W40KF	General Electric	GE132MAXP-N/ULTRA	IS	1
LOD-GDMT82F-8.5W50KF	Philips-Advance	ICN-2P32-N	IS	2
LOD-GDIVIT82F-8.5W50KF	Philips-Advance	IOPA-2P32-N	IS	2
LOD-GDMT84F-12W50KF	Philips-Advance	IOP-2P32-N	IS	2
LOD-GDMT84F-12W30KF	Philips-Advance	IOP-2P32-LW-N	IS	2
LOD-GDMT84F-17W40KF	OSRAM SYLVANIA	QTP 2X32T8/UNV ISN-SC ✓	IS	2
LOD-GDMT84F-17W40KD	OSRAM SYLVANIA	QHE 2X32T8/UNV ISN-SC ✓	IS	2
LOD-GDMT84F-17W50KD	OSRAM SYLVANIA	QHE 2X32T8/UNV ISL-SC ·	IS	2
LOD-GDMT84F-24W40KF	General Electric	GE-232-MVPS-H	IS	2
LOD-GDMT84F-24W50KF	Fusion	FB232VE-HE	IS	2
LOD-GDIVIT84F-24W30KF	General Electric	GE-232-MV-N ·	IS	2
	General Electric	GE232MAX-N/ULTRA ·	IS	2
	Universal Lighting Technologies	B232IUNVHP-N	IS	2
	ESPEN	VE232MVHIPLE	IS	2
	Philips-Advance	IOPA-2P32HL-SC	IS	2
	General Electric	GE232MV-N-DIY	IS	2
	General Electric	GE232MAX-L/ULTRA	IS	2
	Halco	EP232IS/MV/HE	IS	2
	OSRAM SYLVANIA	QHE 2X32T8/UNV ISH-SC	IS	2
	HOWARD INDUSTRIES	EPH2/321S/MV/MC/HE	IS	2
	MAXLITE	MLEU322HEL/SC	IS	2
	HUAFENG	ENI-T8-32-P2SC-N	IS	2

LOD-GDMT82F-8.5W40KF LOD-GDMT82F-8.5W50KF LOD-GDMT84F-12W40KF LOD-GDMT84F-12W50KF LOD-GDMT84F-17W40KF LOD-GDMT84F-17W50KF LOD-GDMT84F-17W50KD LOD-GDMT84F-17W50KD LOD-GDMT84F-24W40KF LOD-GDMT84F-24W40KF

EIKO	PM-2X32T8-UNV-IS	IS	2
MAXLITE	SKEU322HEL/SC	IS	2
General Electric	GE232-120-RES	IS	2
SOLA	E-758-U-232-MC	IS	2
HOWARD INDUSTRIES	EP2/32IS/MV/MC/HE	IS	2
HOWARD INDUSTRIES	E2/32IS-120MC	IS	2
HOWARD INDUSTRIES	EPL2/32IS/MV/MC/HE	IS	2
General Electric	GE-232-MVPS-H	IS	2
Fusion	FB232VE-HE	IS	2
Superior Life	70201	IS	2
SUNPARK	U-2/32IS HBF	IS	2
SUNPARK	U-2/32ISE-LBF	IS	2
PLUSRITE	BAF232IS/MV	IS	2
EIKO	PM-2X32T8-UNV-IS-L	IS	2
KEYSTONE	KTEB-232-UV-IS-N-P	IS	2
Robertson	ISU232T8120 3P20116	IS	2
Universal Lighting Technologies	B232IUNVEL-A	IS	2
ESPEN	VE232MVHIPE	IS	2
Universal Lighting Technologies	B232I120RES-A	IS	2
Philips-Advance	IOP-2P32HL-SC	IS	2
ProLume	EP232IS/L/MV/SL	IS	2
General Electric	GE-232-MAX-H/Ultra ·	IS	2
ESPEN	VE232MVHIPHE	IS	2
Philips-Advance	IOPA-3P32-LW-N	IS	3
HOWARD INDUSTRIES	EP3/32IS/MV/SC/HE	IS	3
OSRAM SYLVANIA	QHE 3X32T8/UNV ISH-SC	IS	3
MAXLITE	MLEU323H/SC	IS	3
Philips-Advance	IOPA-3P32-N	IS	3
Philips-Advance	IOP-3P32-N	IS	3
General Electric	GE332MV-N	IS	3
General Electric	GE332MAX-N/ULTRA	IS	3
General Electric	GE332MAX-L/ULTRA	IS	3
General Electric	GE332MAX-G-N	IS	3
General Electric	GE332MAXP-H/ULTRA	IS	3
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LOD-GDMT82F-8.5W40KF LOD-GDMT82F-8.5W50KF LOD-GDMT84F-12W40KF LOD-GDMT84F-12W50KF LOD-GDMT84F-17W40KF LOD-GDMT84F-17W50KF LOD-GDMT84F-17W40KD LOD-GDMT84F-17W50KD LOD-GDMT84F-24W40KF LOD-GDMT84F-24W40KF

OSRAM SYLVANIA	QTP 3X32T8/UNV ISN-SC	IS	3
MAXLITE	SKEU323L/SC	IS	3
OSRAM SYLVANIA	QHE 3X32T8/UNV ISN-SC	IS	3
OSRAM SYLVANIA	QHE 3X32T8/UNV ISL-SC	IS	3
Universal Lighting Technologies	B332IUNVHP-A	IS	3
Halco	EP332IS/MV/HE	IS	3
EIKO	PM-3X32T8-UNV-IS	IS	3
EIKO	PM-3X32T8-UNV-IS-H	IS	3
EIKO	PM-3X32T8-UNV-IS-L	IS	3
HOWARD INDUSTRIES	EPL3/32IS/MV/SC/HE	IS	3
PLUSRITE	BAF332IS/MV	IS	3
Fusion	FB332MVE	IS	3
General Electric	GE332MV-N-DIY	IS	3
Pacific Ballast Electronic	EB332IS-U	IS	3
Halco	EP332IS/MV/MC	IS	3
PREMIUM	BB-T8/UVH-3*32	IS	3
TCP	E3P32ISUNVE	IS	3
TCP	E3P32ISUNVLE	IS	3
HOWARD INDUSTRIES	EP3 / 32IS / MV / MC / HE	IS	3
KEYSTONE	KTEB-332-UV-IS-N-P	IS	3
WORK HORSE	WHSG3-UNV-T8-IS	IS	3
SUNPARK	U-3/32ISE	IS	3
SUNPARK	U-3/32ISE-HBF	IS	3
SUNPARK	120-3/32IS MP,F	IS	3
General Electric	GE332MAX90-V60	IS	3
HI	EP432IS/MV/MC	IS	4
Halco	EP432IS/L/MV/HE	IS	4
SUNPARK	U-4/32IS HP,F	IS	4
SUNPARK	U-4/32IS HBF	IS	4
SUNPARK	U-4/32ISE-LBF	IS	4
TCP	E4P32ISUNVE	IS	4
WORK HORSE	WHSG4-UNV-T8-IS	IS	4
KEYSTONE	KTEB-432RIS-1-TP-SL	IS	4
MAXLITE	MLEU324HE/SC	IS	4

LOD-GDMT82F-8.5W40KF LOD-GDMT82F-8.5W50KF LOD-GDMT84F-12W40KF LOD-GDMT84F-12W50KF LOD-GDMT84F-17W40KF LOD-GDMT84F-17W50KF LOD-GDMT84F-17W40KD LOD-GDMT84F-17W50KD LOD-GDMT84F-24W40KF LOD-GDMT84F-24W40KF

Philips-Advance	4 4 4 4 4 4 4 4
Philips-Advance IOP-4P32-N IS Philips-Advance IOP-4P32-LW-N IS Philips-Advance ICN-4P32-N IS General Electric GE432MAX-H/ULTRA · IS General Electric GE432MAX-L/ULTRA · IS OSRAM SYLVANIA QHE 4X32T8/UNV ISN-SC · IS OSRAM SYLVANIA QHE 4X32T8/UNV ISL-SC · IS HOWARD INDUSTRIES EPH4/32IS/MV/SC/HE IS HOWARD INDUSTRIES EPL4/32IS/MV/MC/HE IS LumaPro 4KGH1 EB-432IS-120 IS Universal Lighting Technologies B432IUNVHP-A IS Halco EP432IS/MV/HE IS ESPEN VE432MVHIPHE IS Halco EP432IS/L/MV/HE IS Philips-Advance REB-4P32-SC IS Fusion FB432MVB-HE IS Philips-Advance IOP-4P32-HL-SC IS	4 4 4 4 4
Philips-Advance IOP-4P32-LW-N IS Philips-Advance ICN-4P32-N IS General Electric GE432MAX-H/ULTRA · IS General Electric GE432MAX-L/ULTRA · IS OSRAM SYLVANIA QHE 4X32T8/UNV ISN-SC · IS OSRAM SYLVANIA QHE 4X32T8/UNV ISL-SC · IS HOWARD INDUSTRIES EPH4/32IS/MV/SC/HE IS HOWARD INDUSTRIES EPL4/32IS/MV/MC/HE IS LumaPro 4KGH1 EB-432IS-120 IS Universal Lighting Technologies B432IUNVHP-A IS Halco EP432IS/MV/HE IS ESPEN VE432MVHIPHE IS Halco EP432IS/L/MV/HE IS Philips-Advance REB-4P32-SC IS Fusion FB432MVB-HE IS Philips-Advance IOP-4P32-HL-SC IS	4 4 4 4
Philips-Advance ICN-4P32-N IS General Electric GE432MAX-H/ULTRA · IS General Electric GE432MAX-L/ULTRA · IS OSRAM SYLVANIA QHE 4X32T8/UNV ISN-SC · IS OSRAM SYLVANIA QHE 4X32T8/UNV ISL-SC · IS HOWARD INDUSTRIES EPH4/32IS/MV/SC/HE IS HOWARD INDUSTRIES EPL4/32IS/MV/MC/HE IS LumaPro 4KGH1 EB-432IS-120 IS Universal Lighting Technologies B432IUNVHP-A IS Halco EP432IS/MV/HE IS ESPEN VE432MVHIPHE IS Halco EP432IS/L/MV/HE IS Philips-Advance REB-4P32-SC IS Fusion FB432MVB-HE IS Philips-Advance IOP-4P32-HL-SC IS	4 4 4
General Electric GE432MAX-H/ULTRA · IS General Electric GE432MAX-L/ULTRA · IS OSRAM SYLVANIA QHE 4X32T8/UNV ISN-SC · IS OSRAM SYLVANIA QHE 4X32T8/UNV ISL-SC · IS HOWARD INDUSTRIES EPH4/32IS/MV/SC/HE IS HOWARD INDUSTRIES EPL4/32IS/MV/MC/HE IS LumaPro 4KGH1 EB-432IS-120 IS Universal Lighting Technologies B432IUNVHP-A IS Halco EP432IS/MV/HE IS ESPEN VE432MVHIPHE IS Halco EP432IS/L/MV/HE IS Philips-Advance REB-4P32-SC IS Fusion FB432MVB-HE IS Philips-Advance IOP-4P32-HL-SC IS	4
General Electric GE432MAX-L/ULTRA · IS OSRAM SYLVANIA QHE 4X32T8/UNV ISN-SC · IS OSRAM SYLVANIA QHE 4X32T8/UNV ISL-SC · IS HOWARD INDUSTRIES EPH4/32IS/MV/SC/HE IS HOWARD INDUSTRIES EPL4/32IS/MV/MC/HE IS LumaPro 4KGH1 EB-432IS-120 IS Universal Lighting Technologies B432IUNVHP-A IS Halco EP432IS/MV/HE IS ESPEN VE432MVHIPHE IS Halco EP432IS/L/MV/HE IS Philips-Advance REB-4P32-SC IS Fusion FB432MVB-HE IS Philips-Advance IOP-4P32-HL-SC IS	4
OSRAM SYLVANIA QHE 4X32T8/UNV ISN-SC · IS OSRAM SYLVANIA QHE 4X32T8/UNV ISL-SC · IS HOWARD INDUSTRIES EPH4/32IS/MV/SC/HE IS HOWARD INDUSTRIES EPL4/32IS/MV/MC/HE IS LumaPro 4KGH1 EB-432IS-120 IS Universal Lighting Technologies B432IUNVHP-A IS Halco EP432IS/MV/HE IS ESPEN VE432MVHIPHE IS Halco EP432IS/L/MV/HE IS Philips-Advance REB-4P32-SC IS Fusion FB432MVB-HE IS Philips-Advance IOP-4P32-HL-SC IS	
OSRAM SYLVANIA QHE 4X32T8/UNV ISL-SC · IS HOWARD INDUSTRIES EPH4/32IS/MV/SC/HE IS HOWARD INDUSTRIES EPL4/32IS/MV/MC/HE IS LumaPro 4KGH1 EB-432IS-120 IS Universal Lighting Technologies B432IUNVHP-A IS Halco EP432IS/MV/HE IS ESPEN VE432MVHIPHE IS Halco EP432IS/L/MV/HE IS Philips-Advance REB-4P32-SC IS Fusion FB432MVB-HE IS Philips-Advance IOP-4P32-HL-SC IS	4
HOWARD INDUSTRIES EPH4/32IS/MV/SC/HE IS HOWARD INDUSTRIES EPL4/32IS/MV/MC/HE IS LumaPro 4KGH1 EB-432IS-120 IS Universal Lighting Technologies B432IUNVHP-A IS Halco EP432IS/MV/HE IS ESPEN VE432MVHIPHE IS Halco EP432IS/L/MV/HE IS Philips-Advance REB-4P32-SC IS Fusion FB432MVB-HE IS Philips-Advance IOP-4P32-HL-SC IS	
HOWARD INDUSTRIES EPL4/32IS/MV/MC/HE IS LumaPro 4KGH1 EB-432IS-120 IS Universal Lighting Technologies B432IUNVHP-A IS Halco EP432IS/MV/HE IS ESPEN VE432MVHIPHE IS Halco EP432IS/L/MV/HE IS Philips-Advance REB-4P32-SC IS Fusion FB432MVB-HE IS Philips-Advance IOP-4P32-HL-SC IS	4
LumaPro 4KGH1 EB-432IS-120 IS Universal Lighting Technologies B432IUNVHP-A IS Halco EP432IS/MV/HE IS ESPEN VE432MVHIPHE IS Halco EP432IS/L/MV/HE IS Philips-Advance REB-4P32-SC IS Fusion FB432MVB-HE IS Philips-Advance IOP-4P32-HL-SC IS	4
Universal Lighting Technologies B432IUNVHP-A IS Halco EP432IS/MV/HE IS ESPEN VE432MVHIPHE IS Halco EP432IS/L/MV/HE IS Philips-Advance REB-4P32-SC IS Fusion FB432MVB-HE IS Philips-Advance IOP-4P32-HL-SC IS	4
Halco EP432IS/MV/HE IS ESPEN VE432MVHIPHE IS Halco EP432IS/L/MV/HE IS Philips-Advance REB-4P32-SC IS Fusion FB432MVB-HE IS Philips-Advance IOP-4P32-HL-SC IS	4
ESPEN VE432MVHIPHE IS Halco EP432IS/L/MV/HE IS Philips-Advance REB-4P32-SC IS Fusion FB432MVB-HE IS Philips-Advance IOP-4P32-HL-SC IS	4
Halco EP432IS/L/MV/HE IS Philips-Advance REB-4P32-SC IS Fusion FB432MVB-HE IS Philips-Advance IOP-4P32-HL-SC IS	4
Philips-Advance REB-4P32-SC IS Fusion FB432MVB-HE IS Philips-Advance IOP-4P32-HL-SC IS	4
Fusion FB432MVB-HE IS Philips-Advance IOP-4P32-HL-SC IS	4
Philips-Advance IOP-4P32-HL-SC IS	4
1	4
General Electric GE432-120-RES IS	4
	4
General Electric GE432MV-N-42T IS	4
General Electric GE432MAX-N/ULTRA IS	4
TCP E4P32ISUNVLE IS	4
Universal Lighting Technologies B432I120RES-A IS	4
Prolume E432IS/120/R/SL IS	4
General Electric GE432MAX-G-N IS	4
Universal Lighting Technologies B432IUNVHE L-A IS	4
ESPEN VE432MVHIPE IS	4
ESPEN VE432MVHIP IS	4
Greenhill GH4P32ISUNV IS	4
Pacific Ballast Electronic EB432IS-U IS	4
KEYSTONE KTEB-432-UV-IS-N-P IS	4
OSRAM SYLVANIA QTP 4×32T8/UNV ISN-SC IS	4
TCP E4P32ISUNVHE IS	4

LOD-GDMT82F-8.5W40KF
LOD-GDMT82F-8.5W50KF
LOD-GDMT84F-12W40KF
LOD-GDMT84F-12W50KF
LOD-GDMT84F-17W40KF
LOD-GDMT84F-17W50KF
LOD-GDMT84F-17W40KD
LOD-GDMT84F-17W50KD
LOD-GDMT84F-24W40KF
LOD-GDMT84F-24W50KF

HOWARD INDUSTRIES	EP4/32IS/MV/MC/HE	IS	4
WORK HORSE	WHCG4-120-T8-IS	IS	4
MAXLITE	SKEU324HE/SC	IS	4
EIKO	PM-4X32T8-UNV-IS	IS	4
EIKO	PM-4X32T8-UNV-IS-L	IS	4
HUAFENG	ENI-T8-32-P4MC-N	IS	4
Philips-Advance	RCN-2S32-SC	IS	2
STNDARD	E432T8IS120/N/AS/BULK	IS	4
WORKHORSE	WHCG-120-T8-IS	IS	3
Fusion	FB232MVE-LHE	IS	2
STNDARD	E432T8IS120/L/AS/BULK	IS	4

NOTE:

- 1. The ballasts model list on the chart have been tested and approved by the manufacturer.
- 2. This list is to be used as a general guideline. The LED tube may not work if the ballast is over 5 years old or has a weak starting voltage.
- 3. Please strictly follow the wiring diagram shown on the ballasts.
- 4. Please check if the contact points of the old fixture work normal.
- 5. Please use caution and test lamps in a fixtures for an extended period of time to ensure proper operation.
- 6. Do NOT proceed with a mass installation until proper operation of the LED tube is verified.
- 7. For safety, please turn off power while installing tubes.