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Appendix A.

Standard Wattage Table

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
<i>CL</i>		<i>Channel Letter Sign Fixtures</i>				
NCLS-2	Neon Tube	Neon Tube of 40' length powered by 456W mag ballast; Wattage per foot of length	Mag	1	11.4/ft	11/ft
NCLS+2	Double Neon Tube	Double Neon Tube of 40' each - powered by 456W mag ballast; Wattage per foot of length	Mag	1	11.4/ft	23/ft
LEDCLS-2	LED	High Brightness LED Channel Letter Modules for Signs < 2' tall; 12V or 24VDC; Wattage per foot of length	Mag	1	1.8/ft	2/ft
LEDCLS+2	LED	High Brightness LED Channel Letter Modules for Signs > 2' tall; 12V or 24VDC; Wattage per foot of length	Mag	2	3.2/ft	3/ft
<i>CF</i>		<i>Compact Fluorescent Fixtures</i>				
CF11/1-SCRW	CFC11W	Compact Fluorescent, (1) 11W screw-in lamp, Twin, Quad, Multi, Globe, Capsule, or other	Mag-STD	1	11	11
CF13/1-SCRW	CFC13W	Compact Fluorescent, (1) 13W screw-in lamp, Twin, Quad, Multi, Globe, Capsule, or other	Mag-STD	1	13	13
CF15/1-SCRW	CFC15W	Compact Fluorescent, (1) 15W screw-in lamp, Twin, Quad, Multi, Globe, Capsule, or other	Mag-STD	1	15	15
CF15/2-SCRW	CFC15W	Compact Fluorescent, (2) 15W screw-in lamp, Twin, Quad, Multi, Globe, Capsule, or other	Mag-STD	2	15	30
CF15/3-SCRW	CFC15W	Compact Fluorescent, (3) 15W screw-in lamp, Twin, Quad, Multi, Globe, Capsule, or other	Mag-STD	3	15	45
CF15/4-SCRW	CFC15W	Compact Fluorescent, (4) 15W screw-in lamp, Twin, Quad, Multi, Globe, Capsule, or other	Mag-STD	4	15	60
CF16/1-SCRW	CFC16W	Compact Fluorescent, (1) 16W screw-in lamp, Twin, Quad, Multi, Globe, Capsule, or other	Mag-STD	1	16	16
CF17/1-SCRW	CFC17W	Compact Fluorescent, (1) 17W screw-in lamp,	Mag-STD	1	17	17

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Twin, Quad, Multi, Globe, Capsule, or other				
CF18/1-SCRW	CFC18W	Compact Fluorescent, (1) 18W screw-in lamp, Twin, Quad, Multi, Globe, Capsule, or other	Mag-STD	1	18	18
CF18/1-L-SCRW	CFS18W	Compact Fluorescent, (1)18W spiral lamp 4-pin, high CRI, electronic ballasted	Electronic	1	18	18
CF20/1-SCRW	CFC20W	Compact Fluorescent, (1) 20W screw-in lamp, Twin, Quad, Multi, Globe, Capsule, or other	Mag-STD	1	20	20
CF20/2-SCRW	CFC20W	Compact Fluorescent, (2) 20W screw-in lamp, Twin, Quad, Multi, Globe, Capsule, or other	Mag-STD	2	20	40
CF23/1-SCRW	CFC23W	Compact Fluorescent, (1) 23W screw-in lamp, Twin, Quad, Multi, Globe, Capsule, or other	Mag-STD	1	23	23
CF23/1-L-SCRW	CFS23W	Compact Fluorescent, (1)23W spiral lamp 4-pin, high CRI, electronic ballasted	Electronic	1	23	23
CF23/2-SCRW	CFC23W	Compact Fluorescent, (2) 23W screw-in lamp, Twin, Quad, Multi, Globe, Capsule, or other	Mag-STD	2	23	46
CF25/1-SCRW	CFC25W	Compact Fluorescent, (1) 25W screw-in lamp, Twin, Quad, Multi, Globe, Capsule, or other	Mag-STD	1	25	25
CF28/1-SCRW	CFC28W	Compact Fluorescent, (1) 28W screw-in lamp, Twin, Quad, Multi, Globe, Capsule, or other	Mag-STD	1	28	28
CF26/1-L-SCRW	CFS26W	Compact Fluorescent, (1)26W spiral lamp 4-pin, high CRI, electronic ballasted	Electronic	1	26	26
CF44/1-L-SCRW	CFQ44W	Compact Fluorescent, (1)44W screw-in lamp, Twin, Quad, Multi, Globe, Capsule, or other	Electronic	1	44	44
CF7/1-SCRW	CFC7W	Compact Fluorescent, (1) 7W screw-in lamp, Twin, Quad, Multi, Globe, Capsule, or other	Mag-STD	1	7	7
CF9/1-SCRW	CFC9W	Compact Fluorescent, (1) 9W screw-in lamp, Twin, Quad, Multi, Globe, Capsule, or other	Mag-STD	1	9	9
CFD9/1-LOCK	CFD9W	Compact Fluorescent, 2D, (1) 9W lamp - lockable base	Mag-STD	1	9	12
CFD13/1-LOCK	CFD13W	Compact Fluorescent, 2D, (1) 13W lamp - lockable base	Mag-STD	1	13	15
CFD10/1	CFD10W	Compact Fluorescent, 2D, (1) 10W lamp	Mag-STD	1	10	16

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L-AMP	WATT/FIXT (Regulation)
CFD16/1	CFD16W	Compact Fluorescent, 2D, (1) 16W lamp	Mag-STD	1	16	26
CFD21/1	CFD21W	Compact Fluorescent, 2D, (1) 21W lamp	Mag-STD	1	21	26
CFD28/1	CFD28W	Compact Fluorescent, 2D, (1) 28W lamp	Mag-STD	1	28	35
CFD38/1	CFD38W	Compact Fluorescent, 2D, (1) 38W lamp	Mag-STD	1	38	46
CFM10/1-HDW	CFM10W	Compact Fluorescent, Multi, 4-pin, (1) 13W lamp	Mag-STD	1	10	14
CFM5/1-HDW	CFM5W	Compact Fluorescent, Multi, 4-pin, (1) 5W lamp	Mag-STD	1	5	9
CFM7/1-HDW	CFM7W	Compact Fluorescent, Multi, 4-pin, (1) 7W lamp	Mag-STD	1	7	11
CFM12/1-HDW	CFM12W	Compact Fluorescent, Multi, 4-pin, (1) 12W lamp	Mag-STD	1	12	16
CFM14/1-HDW	CFM14W	Compact Fluorescent, Multi, 4-pin, (1) 14W lamp	Mag-STD	1	14	18
CFM15/1-HDW	CFM15W	Compact Fluorescent, Multi, 4-pin, (1) 15W lamp	Mag-STD	1	15	19
CFM17/1-HDW	CFM17W	Compact Fluorescent, Multi, 4-pin, (1) 17W lamp	Mag-STD	1	17	21
CFM19/1-HDW	CFM19W	Compact Fluorescent, Multi, 4-pin, (1) 19W lamp	Mag-STD	1	19	24
CFM20/1-HDW	CFM20W	Compact Fluorescent, Multi, 4-pin, (1) 20W lamp	Mag-STD	1	20	25
CFM22/1-HDW	CFM22W	Compact Fluorescent, Multi, 4-pin, (1) 22W lamp	Mag-STD	1	22	26
CFM25/1-HDW	CFM25W	Compact Fluorescent, Multi, 4-pin, (1) 25W lamp	Mag-STD	1	25	29
CFM26/1-HDW	CFM26W	Compact Fluorescent, Multi, 4-pin, (1) 26W lamp	Mag-STD	1	26	30
CFM27/1-HDW	CFM27W	Compact Fluorescent, Multi, 4-pin, (1) 27W lamp	Mag-STD	1	27	31
CFM30/1-HDW	CFM30W	Compact Fluorescent, Multi, 4-pin, (1) 30W lamp	Mag-STD	1	30	34
CFM36/1-HDW	CFM36W	Compact Fluorescent, Multi, 4-pin, (1) 36W lamp	Mag-STD	1	36	40
CFM42/1-HDW	CFM42W	Compact Fluorescent, Multi, 4-pin, (1) 42W lamp	Mag-STD	1	42	48
CFM13/1-L	CFM13W	Compact Fluorescent, Multi, 4-pin, (1) 13W lamp	Electronic	1	13	16
CFM13/2-L	CFM13W	Compact Fluorescent, Multi, 4-pin, (2) 13W lamps	Electronic	2	13	30
CFM18/1-L	CFM18W	Compact Fluorescent, Multi, 4-pin, (1) 18W lamp	Electronic	1	18	20
CFM18/2-L	CFM18W	Compact Fluorescent, Multi, 4-pin, (2) 18W lamps	Electronic	2	18	38
CFM26/1-L	CFM26W	Compact Fluorescent, Multi, 4-pin, (1) 26W lamp	Electronic	1	26	28

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
CFM26/2-L	CFM26W	Compact Fluorescent, Multi, 4-pin, (2) 26W lamps	Electronic	2	26	54
CFM32/1-L	CFM32W	Compact Fluorescent, Multi, 4-pin, (1) 32W lamps.	Electronic	1	32	35
CFM32/2-L	CFM32W	Compact Fluorescent, Multi, 4-pin, (2) 32W lamps.	Electronic	2	32	69
CFM42/1-L	CFM42W	Compact Fluorescent, Multi, 4-pin, (1) 42W lamps	Electronic	1	42	45
CFM42/2-L	CFM42W	Compact Fluorescent, Multi, 4-pin, (2) 42W lamps	Electronic	1	42	94
CFM42/8-L	CFM42W	Compact Fluorescent, Multi, 4-pin, (8) 42W lamps, (4) 2-lamp ballasts	Electronic	8	42	314
CFQ10/1	CFQ10W	Compact Fluorescent, quad, (1) 10W lamp	Mag-STD	1	10	15
CFQ13/1	CFQ13W	Compact Fluorescent, quad, (1) 13W lamp	Mag-STD	1	13	17
CFQ13/1-L	CFQ13W	Compact Fluorescent, quad, (1) 13W lamp, BF=1.05	Electronic	1	13	15
CFQ13/2	CFQ13W	Compact Fluorescent, quad, (2) 13W lamp	Mag-STD	2	13	31
CFQ13/2-L	CFQ13W	Compact Fluorescent, quad, (2) 13W lamp, BF=1.0	Electronic	2	13	28
CFQ13/3	CFQ13W	Compact Fluorescent, quad, (3) 13W lamp	Mag-STD	3	13	48
CFQ15/1	CFQ15W	Compact Fluorescent, quad, (1) 15W lamp	Mag-STD	1	15	20
CFQ17/1	CFQ17W	Compact Fluorescent, quad, (1) 17W lamp	Mag-STD	1	17	24
CFQ17/2	CFQ17W	Compact Fluorescent, quad, (2) 17W lamp	Mag-STD	2	17	48
CFQ18/1	CFQ18W	Compact Fluorescent, quad, (1) 18W lamp	Mag-STD	1	18	28
CFQ18/1-L	CFQ18W	Compact Fluorescent, quad, (1) 18W lamp, BF=1.0	Electronic	1	18	20
CFQ18/2	CFQ18W	Compact Fluorescent, quad, (2) 18W lamp	Mag-STD	2	18	45
CFQ18/2-L	CFQ18W	Compact Fluorescent, quad, (2) 18W lamp, BF=1.0	Electronic	2	18	38
CFQ18/4	CFQ18W	Compact Fluorescent, quad, (4) 18W lamp	Mag-STD	2	18	90
CFQ20/1	CFQ20W	Compact Fluorescent, quad, (1) 20W lamp	Mag-STD	1	20	23

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
CFQ20/2	CFQ20W	Compact Fluorescent, quad, (2) 20W lamp	Mag-STD	2	20	46
CFQ22/1	CFQ22W	Compact Fluorescent, Quad, (1) 22W lamp	Mag-STD	1	22	24
CFQ22/2	CFQ22W	Compact Fluorescent, Quad, (2) 22W lamp	Mag-STD	2	22	48
CFQ22/3	CFQ22W	Compact Fluorescent, Quad, (3) 22W lamp	Mag-STD	3	22	72
CFQ23/1	CFQ23W	Compact Fluorescent, Quad, (1) 23W lamp	Mag-STD	1	23	27
CFQ25/1	CFQ25W	Compact Fluorescent, Quad, (1) 25W lamp	Mag-STD	1	25	33
CFQ25/2	CFQ25W	Compact Fluorescent, Quad, (2) 25W lamp	Mag-STD	2	25	66
CFQ26/1	CFQ26W	Compact Fluorescent, quad, (1) 26W lamp	Mag-STD	1	26	33
CFQ26/1-L	CFQ26W	Compact Fluorescent, quad, (1) 26W lamp, BF=0.95	Electronic	1	26	27
CFQ26/2	CFQ26W	Compact Fluorescent, quad, (2) 26W lamp	Mag-STD	2	26	66
CFQ26/2-L	CFQ26W	Compact Fluorescent, quad, (2) 26W lamp, BF=0.95	Electronic	2	26	50
CFQ26/3	CFQ26W	Compact Fluorescent, quad, (3) 26W lamp	Mag-STD	3	26	99
CFQ26/6-L	CFQ26W	Compact Fluorescent, quad, (6) 26W lamp, BF=0.95	Electronic	6	26	150
CFQ28/1	CFQ28W	Compact Fluorescent, quad, (1) 28W lamp	Mag-STD	1	28	33
CFQ28/1-L	CFQ28W	Compact Fluorescent, quad, (1) 28W lamp	Electronic	1	28	31
CFQ28/2-L	CFQ28W	Compact Fluorescent, quad, (2) 28W lamps	Electronic	2	28	60
CFQ42/8-L	CFQ42W	Compact Fluorescent, quad, (8) 42W lamps	Electronic	8	42	305
CFQ9/1	CFQ9W	Compact Fluorescent, Quad, (1) 9W lamp	Mag-STD	1	9	14
CFQ9/2	CFQ9W	Compact Fluorescent, Quad, (2) 9W lamp	Mag-STD	2	9	23
CFT13/1	CFT13W	Compact Fluorescent, twin, (1) 13W lamp	Mag-STD	1	13	17
CFT13/1-L	CFT13W	Compact Fluorescent, twin, (1) 13W lamp	Electronic	1	13	15
CFT13/2	CFT13W	Compact Fluorescent, twin, (2) 13W lamp	Mag-STD	2	13	31
CFT13/2-L	CFT13W	Compact Fluorescent, twin, (2) 13W lamp	Electronic	2	13	28

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
CFT13/3	CFT13W	Compact Fluorescent, twin, (3) 13 W lamp	Mag-STD	3	13	48
CFT18/1	CFT18W	Compact Fluorescent, Long twin., (1) 18W lamp	Mag-STD	1	18	24
CFT18/1-L	CFT18W	Compact Fluorescent, twin, (1) 18W lamp	Electronic	1	18	20
CFT18/2	CFT18W	Compact Fluorescent, twin, (2) 18 W lamp	Mag-STD	2	18	38
CFT22/1	CFT22W	Compact Fluorescent, twin, (1) 22W lamp	Mag-STD	1	22	27
CFT22/2	CFT22W	Compact Fluorescent, twin, (2) 22W lamp	Mag-STD	2	22	54
CFT22/4	CFT22W	Compact Fluorescent, twin, (4) 22W lamp	Mag-STD	4	22	108
CFT24/1	CFT24W	Compact Fluorescent, long twin, (1) 24W lamp	Mag-STD	1	24	32
CFT26/1	CFT26W	Compact Fluorescent, twin, (1) 26W lamp	Mag-STD	1	26	32
CFT26/1-L	CFT26W	Compact Fluorescent, twin, (1) 26W lamp	Electronic	1	26	27
CFT26/2-L	CFT26W	Compact Fluorescent, twin, (2) 26W lamp	Electronic	2	26	51
CFT28/1	CFT28W	Compact Fluorescent, twin, (1) 28W lamp	Mag-STD	1	28	33
CFT28/2	CFT28W	Compact Fluorescent, twin, (2) 28W lamp	Mag-STD	2	28	66
CFT32/1-L	CFM32W	Compact Fluorescent, twin or multi, (1) 32W lamp	Electronic	1	32	34
CFT32/2-L	CFM32W	Compact Fluorescent, twin or multi, (2) 32W lamp	Electronic	2	32	82
CFT32/6-L	CFM32W	Compact Fluorescent, twin or multi, (6) 32W lamp	Electronic	6	32	186
CFT36/1	CFT36W	Compact Fluorescent, long twin, (1) 36W lamp	Mag-STD	1	36	51
CFT40/1	CFT40W	Compact Fluorescent, long twin, (1) 40W lamp	Mag-STD	1	40	46
CFT40/1-L	CFT40W	Compact Fluorescent, long twin, (1) 40W lamp	Electronic	1	40	43
CFT40/2	CFT40W	Compact Fluorescent, long twin, (2) 40W lamp	Mag-STD	2	40	85
CFT40/2-L	CFT40W	Compact Fluorescent, long twin, (2) 40W lamp	Electronic	2	40	72
CFT40/3	CFT40W	Compact Fluorescent, long twin, (3) 40 W lamp	Mag-STD	3	40	133
CFT40/3-L	CFT40W	Compact Fluorescent, long twin, (3) 40W lamp	Electronic	3	40	105
CFT5/1	CFT5W	Compact Fluorescent, twin, (1) 5W lamp	Mag-STD	1	5	9
CFT5/1-LOCK	CFT5W	Compact Fluorescent, biaxial, (1) 5W lamp - lockable base	Mag-STD	1	5	8

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
CFT5/2	CFT5W	Compact Fluorescent, twin, (2) 5W lamp	Mag-STD	2	5	18
CFT55/1-L	CFT55W	Compact Fluorescent, twin, (1) 55W lamp	Electronic	1	55	80
CFT55/2-L	CFT55W	Compact Fluorescent, twin, (2) 55W lamp	Electronic	2	55	110
CFT55/3-L	CFT55W	Compact Fluorescent, twin, (3) 55W lamp	Electronic	3	55	170
CFT55/4-L	CFT55W	Compact Fluorescent, twin, (4) 55W lamp	Electronic	4	55	220
CFT7/1	CFT7W	Compact Fluorescent, twin, (1) 7W lamp	Mag-STD	1	7	10
CFT7/2	CFT7W	Compact Fluorescent, twin, (2) 7W lamp	Mag-STD	2	7	21
CFT9/1	CFT9W	Compact Fluorescent, twin, (1) 9W lamp	Mag-STD	1	9	12
CFT9/2	CFT9W	Compact Fluorescent, twin, (2) 9W lamp	Mag-STD	2	9	23
CFT9/3	CFT9W	Compact Fluorescent, twin, (3) 9 W lamp	Mag-STD	3	9	34
<i>ECF</i>		<i>EXIT Sign Fixtures</i>				
ECF5/1	CFT5W	EXIT Compact Fluorescent, (1) 5W lamp	Mag-STD	1	5	9
ECF5/2	CFT5W	EXIT Compact Fluorescent, (2) 5W lamp	Mag-STD	2	5	20
ECF6/1	CFT6W	EXIT Compact Fluorescent, (1) 6W lamp	Mag-STD	1	6	13
ECF6/2	CFT6W	EXIT Compact Fluorescent, (2) 6W lamp, (2) ballasts	Mag-STD	2	6	26
ECF7/1	CFT7W	EXIT Compact Fluorescent, (1) 7W lamp	Mag-STD	1	7	10
ECF7/2	CFT7W	EXIT Compact Fluorescent, (2) 7W lamp	Mag-STD	2	7	21
ECF9/1	CFT9W	EXIT Compact Fluorescent, (1) 9W lamp	Mag-STD	1	9	12
ECF9/2	CFT9W	EXIT Compact Fluorescent, (2) 9W lamp	Mag-STD	2	9	20
EF2/2	F2T1	EXIT Sub-miniature T-1 Fluorescent, (2) lamps	Electronic	2	2	5
EF6/1	F6T5	EXIT Miniature Bi-pin Fluorescent, (1) 6 W lamp, (1) ballast	Mag-STD	1	6	9
EF6/2	F6T5	EXIT Miniature Bi-pin Fluorescent, (2) 6 W lamps, (2) ballasts	Mag-STD	2	6	18

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
EF8/1	F8T5	EXIT T5 Fluorescent, (1) 8W lamp	Mag-STD	1	8	12
EF8/2	F8T5	EXIT T5 Fluorescent, (2) 8W lamp	Mag-STD	2	8	24
EI10/2	I10	EXIT Incandescent, (2) 10W lamp		2	10	20
EI15/1	I15	EXIT Incandescent, (1) 15W lamp		1	15	15
EI15/2	I15	EXIT Incandescent, (2) 15W lamp		2	15	30
EI20/1	I20	EXIT Incandescent, (1) 20W lamp		1	20	20
EI20/2	I20	EXIT Incandescent, (2) 20W lamp		2	20	40
EI25/1	I25	EXIT Incandescent, (1) 25W lamp		1	25	25
EI25/2	I25	EXIT Incandescent, (2) 25W lamp		2	25	50
EI34/1	I34	EXIT Incandescent, (1) 34W lamp		1	34	34
EI34/2	I34	EXIT Incandescent, (2) 34W lamp		2	34	68
EI40/1	I40	EXIT Incandescent, (1) 40W lamp		1	40	40
EI40/2	I40	EXIT Incandescent, (2) 40W lamp		2	40	80
EI5/1	I5	EXIT Incandescent, (1) 5W lamp		1	5	5
EI5/2	I5	EXIT Incandescent, (2) 5W lamp		2	5	10
EI50/2	I50	EXIT Incandescent, (2) 50W lamp		2	50	100
EI6/1	6S6	EXIT Incandescent, (1) 6 W lamp		1	6	6
EI6/2	6S6	EXIT Incandescent, (2) 6 W lamps		2	6	12
EI7.5/1	I7.5	EXIT Tungsten, (1) 7.5 W lamp		1	7.5	8
EI7.5/2	I7.5	EXIT Tungsten, (2) 7.5 W lamp		2	7.5	15
ELED2/1	LED2W	EXIT Light Emitting Diode, (1) 2W lamp, Single Sided		1	2	6
ELED2/2	LED2W	EXIT Light Emitting Diode, (2) 2W lamp, Dual Sided		2	2	9
ELED3	LED3W	EXIT Light Emitting Diode, 3W		1	3	3
F		<i>Linear Fluorescent Fixtures</i>				

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F1.51LS	F15T8	Fluorescent, (1) 18" T8 lamp	Mag-STD	1	15	19
F1.51SS	F15T12	Fluorescent, (1) 18" T12 lamp	Mag-STD	1	15	19
F1.52LS	F15T8	Fluorescent, (2) 18" T8 lamp	Mag-STD	2	15	36
F1.52SS	F15T12	Fluorescent, (2) 18" T12 lamp	Mag-STD	2	15	36
F21HS	F24T12/HO	Fluorescent, (1) 24", HO lamp	Mag-STD	1	35	62
F21ILL	F17T8	Fluorescent, (1) 24", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	1	17	20
F21ILL/T2	F17T8	Fluorescent, (1) 24", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), Tandem 2 Lamp Ballast	Electronic	1	17	17
F21ILL/T2-R	F17T8	Fluorescent, (1) 24", T-8 lamp, Instant Start Ballast, RLO (BF<.85), Tandem 2 Lamp Ballast	Electronic	1	17	15
F21ILL/T3	F17T8	Fluorescent, (1) 24", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), Tandem 3 Lamp Ballast	Electronic	1	17	16
F21ILL/T3-R	F17T8	Fluorescent, (1) 24", T-8 lamp, Instant Start Ballast, RLO (BF<.85), Tandem 3 Lamp Ballast	Electronic	1	17	14
F21ILL/T4	F17T8	Fluorescent, (1) 24", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), Tandem 4 Lamp Ballast	Electronic	1	17	15
F21ILL/T4-R	F17T8	Fluorescent, (1) 24", T-8 lamp, Instant Start Ballast, RLO (BF<.85), Tandem 4 Lamp Ballast	Electronic	1	17	14
F21ILL-R	F17T8	Fluorescent, (1) 24", T-8 lamp, Instant Start Ballast, RLO (BF<.85)	Electronic	1	17	17
F21ILU	F17T8	Fluorescent, (1) 24", T-8 lamp, IS Howard Ind. HEX Ballast, NLO (BF=0.94)	Prem. Elec.	1	17	17
F21ILU-R	F17T8	Fluorescent, (1) 24", T-8 lamp, IS Howard Ind. HEX Ballast, RLO (BF=0.85)	Prem. Elec.	1	17	15
F21LL	F17T8	Fluorescent, (1) 24", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95)	Electronic	1	17	16
F21LL/T2	F17T8	Fluorescent, (1) 24", T-8 lamp, Rapid Start	Electronic	1	17	16

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Ballast, NLO (BF: .85-.95), Tandem 2 Lamp Ballast				
F21LL/T3	F17T8	Fluorescent, (1) 24", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95), Tandem 3 Lamp Ballast	Electronic	1	17	17
F21LL/T4	F17T8	Fluorescent, (1) 24", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95), Tandem 4 Lamp Ballast	Electronic	1	17	17
F21LL-R	F17T8	Fluorescent, (1) 24", T-8 lamp, Rapid Start Ballast, RLO (BF<0.85)	Electronic	1	17	15
F21PL-H	F14T5	Fluorescent (1) 22" (563mm) T-5 lamp; (1) Prog.Start or PRS Ballast, HLO (BF=1.0)	Electronic	1	14	18
F21PHL-H	F24T5HO	Fluorescent (1) 22" (563mm) T-5 HO lamp; (1) Prog.Start or PRS Ballast, HLO (BF=1.0)	Electronic	1	24	27
F21SL	F17T8	Fluorescent, (1) 24", T8 lamp, Standard Ballast	Mag-STD	1	17	24
F21SS	F20T12	Fluorescent, (1) 24", STD lamp	Mag-STD	1	20	25
F22HS	F24T12/HO	Fluorescent, (2) 24", HO lamp	Mag-STD	2	35	90
F22ILL	F17T8	Fluorescent, (2) 24", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	2	17	33
F22ILL/T4	F17T8	Fluorescent, (2) 24", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), Tandem 4 Lamp Ballast	Electronic	2	17	31
F22ILL/T4-R	F17T8	Fluorescent, (2) 24", T-8 lamp, Instant Start Ballast, RLO (BF<.85), Tandem 4 Lamp Ballast	Electronic	2	17	28
F22ILL-R	F17T8	Fluorescent, (2) 24", T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	2	17	29
F22ILU	F17T8	Fluorescent, (2) 24", T-8 lamp, IS GE Ultra or HI-HEX Ballast, NLO (BF = 0.91-0.93)	Prem. Elec.	2	17	31
F22ILU-R	F17T8	Fluorescent, (2) 24", T-8 lamp, IS GE Ultra or HI-HEX Ballast, RLO (BF = 0.80-0.85)	Prem. Elec.	2	17	29
F22LL	F17T8	Fluorescent, (2) 24", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95)	Electronic	2	17	31

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F22LL/T4	F17T8	Fluorescent, (2) 24", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95), Tandem 4 Lamp Ballast	Electronic	2	17	34
F22LL-R	F17T8	Fluorescent, (2) 24", T-8 lamp, Rapid Start Ballast, RLO (BF<0.85)	Electronic	2	17	28
F22PL-H	F14T5	Fluorescent (2) 22" (563mm) T-5 lamp; (1) Prog.Start or PRS Ballast, HLO (BF=1.0)	Electronic	2	14	33
F22PHL-H	F24T5HO	Fluorescent (2) 22" (563mm) T-5 HO lamp; (1) Prog.Start or PRS Ballast, HLO (BF=1.0)	Electronic	2	24	52
F22PS	F13T5	Fluorescent, (2) 21", Preheat T5 lamps, (1) Magnetic ballasts with integral starter (BF = 0.80)	Mag-STD	2	13	26
F22SS	F20T12	Fluorescent, (2) 24", STD lamp	Mag-STD	2	20	50
F23ILL	F17T8	Fluorescent, (3) 24", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	3	17	47
F23ILL-H	F17T8	Fluorescent, (3) 24", T-8 lamp, Instant Start Ballast, HLO (BF:.98-1.1)	Electronic	3	17	49
F23ILL-R	F17T8	Fluorescent, (3) 24", T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	3	17	43
F23ILU	F17T8	Fluorescent, (3) 24", T-8 lamp, IS GE Ultra or HI-HEX Ballast, NLO (BF = 0.91-0.92)	Prem. Elec.	3	17	45
F23ILU-R	F17T8	Fluorescent, (3) 24", T-8 lamp, Instant Start GE Ultra Ballast, RLO (BF = 0.80)	Prem. Elec.	3	17	40
F23LL	F17T8	Fluorescent, (3) 24", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95)	Electronic	3	17	52
F23LL-R	F17T8	Fluorescent, (3) 24", T-8 lamp, Rapid Start Ballast, RLO (BF<0.85)	Electronic	3	17	41
F23PL/2-H	F14T5	Fluorescent (3) 22" (563mm)T-5 lamp; (2) Prog.Start or PRS Ballasts, HLO (BF=1.0)	Electronic	3	14	51
F23PHL/2-H	F24T5HO	Fluorescent (3) 22" (563mm)T-5 HO lamp; (2) Prog.Start or PRS Ballasts, HLO (BF=1.0)	Electronic	3	24	80
F23SS	F20T12	Fluorescent, (3) 24", STD lamp	Mag-STD	3	20	62

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F24ILL	F17T8	Fluorescent, (4) 24", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	4	17	61
F24ILL-R	F17T8	Fluorescent, (4) 24", T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	4	17	55
F24ILU	F17T8	Fluorescent, (4) 24", T-8 lamp, IS GE Ultra or HI-HEX Ballast, NLO (BF = 0.91-0.92)	Prem. Elec.	4	17	59
F24ILU-R	F17T8	Fluorescent, (4) 24", T-8 lamp, Instant Start GE Ultra Ballast, RLO (BF = 0.80)	Prem. Elec.	4	17	51
F24LL	F17T8	Fluorescent, (4) 24", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95)	Electronic	4	17	68
F24LL-R	F17T8	Fluorescent, (4) 24", T-8 lamp, Rapid Start Ballast, RLO (BF<0.85)	Electronic	4	17	57
F24PL/2-H	F14T5	Fluorescent (4) 22" (563mm)T-5 lamp; (2) Prog.Start or PRS Ballasts, HLO (BF=1.0)	Electronic	4	14	67
F24PHU/2-H	F24T5HO	Fluorescent (4) 22" (563mm)T-5 HO lamp; (2) Prog.Start or PRS Ballasts, HLO (BF=1.0)	Electronic	4	24	105
F24PS	F13T5	Fluorescent, (4) 21", Preheat T5 lamps, (2) Magnetic ballasts with Integral starter (BF=0.80)	Mag-STD	4	13	53
F24SS	F20T12	Fluorescent, (4) 24", STD lamp	Mag-STD	4	20	100
F26SS	F20T12	Fluorescent, (8) 24", STD lamp	Mag-STD	6	20	148
F31EE/T2	F30T12/ES	Fluorescent, (1) 36", ES lamp, Tandem wired	Mag-ES	1	25	33
F31EL	F30T12/ES	Fluorescent, (1) 36", ES lamp	Electronic	1	25	26
F31ES	F30T12/ES	Fluorescent, (1) 36", ES lamp	Mag-STD	1	25	42
F31ES/T2	F30T12/ES	Fluorescent, (1) 36", ES lamp, Tandem wired	Mag-STD	1	25	33
F31ILL	F25T8	Fluorescent, (1) 36", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	1	25	26
F31ILL/T2	F25T8	Fluorescent, (1) 36", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), Tandem 2 Lamp Ballast	Electronic	1	25	23
F31ILL/T2-H	F25T8	Fluorescent, (1) 36", T-8 lamp, Instant Start Ballast, HLO (BF: .96-1.1), Tandem 2 Lamp	Electronic	1	25	24

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Ballast				
F31ILL/T2-R	F25T8	Fluorescent, (1) 36", T-8 lamp, Instant Start Ballast, RLO (BF: .85-.95), Tandem 2 Lamp Ballast	Electronic	1	25	23
F31ILL/T3	F25T8	Fluorescent, (1) 36", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), Tandem 3 Lamp Ballast	Electronic	1	25	22
F31ILL/T3-R	F25T8	Fluorescent, (1) 36", T-8 lamp, Instant Start Ballast, RLO (BF<.85), Tandem 3 Lamp Ballast	Electronic	1	25	22
F31ILL/T4	F25T8	Fluorescent, (1) 36", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), Tandem 4 Lamp Ballast	Electronic	1	25	22
F31ILL/T4-R	F25T8	Fluorescent, (1) 36", T-8 lamp, Instant Start Ballast, RLO (BF<.85), Tandem 4 Lamp Ballast	Electronic	1	25	22
F31ILL-H	F25T8	Fluorescent, (1) 36", T-8 lamp, Instant Start Ballast, HLO (BF:.96-1.1)	Electronic	1	25	28
F31ILL-R	F25T8	Fluorescent, (1) 36", T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	1	25	27
F31ILU	F25T8	Fluorescent, (1) 36", T-8 lamp, IS Howard Ind. HEX Ballast, NLO (BF=0.90)	Prem. Elec.	1	25	22
F31ILU-R	F25T8	Fluorescent, (1) 36", T-8 lamp, IS Howard Ind. HEX Ballast, RLO (BF=0.82)	Prem. Elec.	1	25	20
F31ILU/T2	F25T8	Fluorescent, (1) 36", T-8 lamp, Instant Start GE Ultra Ballast, NLO (BF = 0.90), Tandem 2 Lamp Ballast	Prem. Elec.	1	25	22
F31ILU/T2-R	F25T8	Fluorescent, (1) 36", T-8 lamp, Instant Start GE Ultra Ballast, RLO (BF = 0.79), Tandem 2 Lamp Ballast	Prem. Elec.	1	25	20
F31ILU/T3-R	F25T8	Fluorescent, (1) 36", T-8 lamp, Instant Start GE Ultra Ballast, RLO (BF = 0.79), Tandem 3 Lamp Ballast	Prem. Elec.	1	25	19
F31ILU/T4-R	F25T8	Fluorescent, (1) 36", T-8 lamp, Instant Start GE Ultra Ballast, RLO (BF = 0.79), Tandem 4 Lamp Ballast	Prem. Elec.	1	25	19

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F31LL	F25T8	Fluorescent, (1) 36", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95)	Electronic	1	25	24
F31LL/T2	F25T8	Fluorescent, (1) 36", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95), Tandem 2 Lamp Ballast	Electronic	1	25	23
F31LL/T3	F25T8	Fluorescent, (1) 36", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95), Tandem 3 Lamp Ballast	Electronic	1	25	24
F31LL/T4	F25T8	Fluorescent, (1) 36", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95), Tandem 4 Lamp Ballast	Electronic	1	25	22
F31LL-H	F25T8	Fluorescent, (1) 36", T-8 lamp, Rapid Start Ballast, HLO (BF: .96-1.1)	Electronic	1	25	26
F31LL-R	F25T8	Fluorescent, (1) 36", T-8 lamp, Rapid Start Ballast, RLO (BF<0.85)	Electronic	1	25	23
F31PL-H	F21T5	Fluorescent (1) 34" (863mm) T-5 lamp; (1) Prog.Start or PRS Ballast, HLO (BF=1.0)	Electronic	1	21	25
F31PHL-H	F39T5HO	Fluorescent (1) 34" (863mm) T-5 HO lamp; (1) Prog.Start or PRS Ballast, HLO (BF=1.0)	Electronic	1	39	44
F31SE/T2	F30T12	Fluorescent, (1) 36", STD lamp, Tandem wired	Mag-ES	1	30	37
F31SHS	F36T12/HO	Fluorescent, (1) 36", HO lamp	Mag-STD	1	50	70
F31SL	F30T12	Fluorescent, (1) 36", STD lamp	Electronic	1	30	31
F31SS	F30T12	Fluorescent, (1) 36", STD lamp	Mag-STD	1	30	46
F31SS/T2	F30T12	Fluorescent, (1) 36", STD lamp, Tandem wired	Mag-STD	1	30	41
F32EE	F30T12/ES	Fluorescent, (2) 36", ES lamp	Mag-ES	2	25	66
F32EL	F30T12/ES	Fluorescent, (2) 36", ES lamp	Electronic	2	25	50
F32EL/T4	F25T12	Fluorescent, (2) 36" ES lamp, Tandem 4-lamp ballast, NLO(BF= 0.83)	Electronic	2	25	50
F32ES	F30T12/ES	Fluorescent, (2) 36", ES lamp	Mag-STD	2	25	73
F32ILL	F25T8	Fluorescent, (2) 36", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	2	25	46

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F32ILU	F25T8	Fluorescent, (2) 36", T-8 lamp, IS GE Ultra or HI-HEX Ballast, NLO (BF = 0.90)	Prem. Elec.	2	25	44
F32ILU-R	F25T8	Fluorescent, (2) 36", T-8 lamp, IS GE Ultra or HI-HEX Ballast, RLO (BF = 0.79-0.82)	Prem. Elec.	2	25	40
F32ILU/T4-R	F25T8	Fluorescent, (2) 36", T-8 lamp, IS GE Ultra or HI-HEX Ballast, RLO (BF = 0.79-0.82), Tandem 4 Lamp Ballast	Prem. Elec.	2	25	39
F32ILL/T4	F25T8	Fluorescent, (2) 36", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), Tandem 4 Lamp Ballast	Electronic	2	25	44
F32ILL/T4-R	F25T8	Fluorescent, (2) 36", T-8 lamp, Instant Start Ballast, RLO (BF<.85), Tandem 4 Lamp Ballast	Electronic	2	25	43
F32ILL-H	F25T8	Fluorescent, (2) 36", T-8 lamp, Instant Start Ballast, HLO (BF:.96-1.1)	Electronic	2	25	48
F32ILL-R	F25T8	Fluorescent, (2) 36", T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	2	25	46
F32ILL/2-R	F25T8	Fluorescent, (2) 36", T-8 lamps, (2) Instant Start Ballasts, RLO (BF<0.85)	Electronic	2	25	54
F32LL	F25T8	Fluorescent, (2) 36", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95)	Electronic	2	25	46
F32LL/T4	F25T8	Fluorescent, (2) 36", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95), Tandem 4 Lamp Ballast	Electronic	2	25	45
F32LL-H	F25T8	Fluorescent, (2) 36", T-8 lamp, Rapid Start Ballast, HLO (BF:.96-1.1)	Electronic	2	25	50
F32LL-R	F25T8	Fluorescent, (2) 36", T-8 lamp, Rapid Start Ballast, RLO (BF<0.85)	Electronic	2	25	42
F32LL-V	F25T8	Fluorescent, (2) 36", T-8 lamp, Rapid Start Ballast, VHLO (BF>1.1)	Electronic	2	25	70
F32PL-H	F21T5	Fluorescent (2) 34" (863mm) T-5 lamp; (1) Prog.Start or PRS Ballast, HLO (BF=1.0)	Electronic	2	21	48
F32PHL-H	F39T5HO	Fluorescent (2) 34" (863mm) T-5 HO lamp; (1) Prog.Start or PRS Ballast, HLO (BF=1.0)	Electronic	2	39	86

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F32SE	F30T12	Fluorescent, (2) 36", STD lamp	Mag-ES	2	30	74
F32SHS	F36T12/HO	Fluorescent, (2) 36", HO, lamp	Mag-STD	2	50	114
F32SL	F30T12	Fluorescent, (2) 36", STD lamp	Electronic	2	30	58
F32SS	F30T12	Fluorescent, (2) 36", STD lamp	Mag-STD	2	30	75
F33ES	F30T12/ES	Fluorescent, (3) 36", ES lamp	Mag-STD	3	25	115
F33ILL	F25T8	Fluorescent, (3) 36", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	3	25	67
F33ILL-R	F25T8	Fluorescent, (3) 36", T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	3	25	66
F33ILU	F25T8	Fluorescent, (3) 36", T-8 lamp, IS GE Ultra or HI-HEX Ballast, NLO (BF= 0.90-0.88)	Prem. Elec.	3	25	64
F33ILU-R	F25T8	Fluorescent, (3) 36", T-8 lamp, IS GE Ultra or HI-HEX Ballast, RLO (BF = 0.79-0.82)	Prem. Elec.	3	25	57
F33LL	F25T8	Fluorescent, (3) 36", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95)	Electronic	3	25	72
F33LL-R	F25T8	Fluorescent, (3) 36", T-8 lamp, Rapid Start Ballast, RLO (BF<0.85)	Electronic	3	25	62
F33PL/2-H	F21T5	Fluorescent (3) 34" (863mm)T-5 lamp; (2) Prog.Start or PRS Ballasts, HLO (BF=1.0)	Electronic	3	21	73
F33PHU/2-H	F39T5HO	Fluorescent (3) 34" (863mm)T-5 HO lamp; (2) Prog.Start or PRS Ballasts, HLO (BF=1.0)	Electronic	3	39	130
F33SE	F30T12	Fluorescent, (3) 36", STD lamp, (1) STD ballast and (1) ES ballast	Mag-ES	3	30	120
F33SS	F30T12	Fluorescent, (3) 36", STD lamp	Mag-STD	3	30	127
F34EE	F30T12/ES	Fluorescent, (4) 36", ES lamps	Mag-ES	4	25	132
F34ILL	F25T8	Fluorescent, (4) 36", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	4	25	87
F34ILL-R	F25T8	Fluorescent, (4) 36", T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	4	25	86
F34ILL/2-R	F25T8	Fluorescent, (4) 36", T-8 lamps, (2) Instant Start	Electronic	4	25	92

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Ballasts, RLO (BF<0.85)				
F34ILU	F25T8	Fluorescent, (4) 36", T-8 lamp, IS GE Ultra or HI-HEX Ballast, NLO (BF= 0.89-0.91)	Prem. Elec.	4	25	85
F34ILU-R	F25T8	Fluorescent, (4) 36", T-8 lamp, IS GE Ultra or HI-HEX Ballast, RLO (BF = 0.79-0.82)	Prem. Elec.	4	25	78
F34LL	F25T8	Fluorescent, (4) 36", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95)	Electronic	4	25	89
F34LL-R	F25T8	Fluorescent, (4) 36", T-8 lamp, Rapid Start Ballast, RLO (BF<0.85)	Electronic	4	25	84
F34PL/2-H	F21T5	Fluorescent (4) 34" (863mm)T-5 lamp; (2) Prog.Start or PRS Ballasts, HLO (BF=1.0)	Electronic	4	21	96
F34PHU/2-H	F39T5HO	Fluorescent (4) 34" (863mm)T-5 HO lamp; (2) Prog.Start or PRS Ballasts, HLO (BF=1.0)	Electronic	4	39	172
F34SE	F30T12	Fluorescent, (4) 36", STD lamp	Mag-ES	4	30	148
F34SL	F30T12	Fluorescent, (4) 36", STD lamp	Electronic	4	30	116
F34SS	F30T12	Fluorescent, (4) 36", STD lamp	Mag-STD	4	30	150
F36EE	F30T12/ES	Fluorescent, (6) 36", ES lamp	Mag-ES	6	30	198
F36ES	F30T12/ES	Fluorescent, (6) 36", ES lamp	Mag-STD	6	30	219
F36ILL	F25T8	Fluorescent, (6) 36", T-8 lamps, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	6	25	134
F36ILL-R	F25T8	Fluorescent, (6) 36", T-8 lamp, Instant Start Ballast, RLO (BF<.85)	Electronic	6	25	134
F36SE	F30T12	Fluorescent, (6) 36", STD lamp	Mag-ES	6	30	213
F36SS	F30T12	Fluorescent, (6) 36", STD lamp	Mag-STD	6	30	225
F40SE/D1	None	Fluorescent, (0) 48" lamp, Completely delamped fixture with (1) hot ballast	Mag-ES	1	0	4
F40SE/D2	None	Fluorescent, (0) 48" lamp, Completely delamped fixture with (2) hot ballast	Mag-ES	1	0	8
F41EE	F40T12/ES	Fluorescent, (1) 48", ES lamp	Mag-ES	1	34	43
F41EE/D2	F40T12/ES	Fluorescent, (1) 48", ES lamp, 2 ballast	Mag-ES	1	34	43

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F41EE/T2	F40T12/ES	Fluorescent, (1) 48", ES lamp, tandem wired, 2-lamp ballast	Mag-ES	1	34	36
F41EHS	F48T12/HO/ES	Fluorescent, (1) 48", ES HO lamp	Mag-STD	1	55	80
F41EIS	F48T12/ES	Fluorescent, (1) 48" ES Instant Start lamp, Magnetic ballast	Mag-STD	1	30	51
F41EL	F40T12/ES	Fluorescent, (1) 48", T12 ES lamp, Electronic Ballast	Electronic	1	34	32
F41ES	F40T12/ES	Fluorescent, (1) 48", ES lamp	Mag-STD	1	34	48
F41IAL	F25T12	Fluorescent, (1) 48", F25T12 lamp, Instant Start Ballast	Electronic	1	25	25
F41IAL/T2-R	F25T18	Fluorescent, (1) 48", F25T12 lamp, Instant Start, Tandem 2-Lamp Ballast, RLO (BF<0.85)	Electronic	1	25	19
F41IAL/T3-R	F25T17	Fluorescent, (1) 48", F25T12 lamp, Instant Start, Tandem 3-Lamp Ballast, RLO (BF<0.85)	Electronic	1	25	20
F41IAL/T4-R	F25T17	Fluorescent, (1) 48", F25T12 lamp, Instant Start, Tandem 4-Lamp Ballast, RLO (BF<0.85)	Electronic	1	25	20
F41IELL	F32T8/WM	Fluorescent (1) 48" reduced wattage T8 lamp, IS - NLO (BF: .85-.95)	Electronic	1	30	29
F41IELL/T2	F32T8/WM	Fluorescent (1) 48" T8 ES lamp, IS NLO ballast, tandem wired two lamp ballast	Electronic	1	30	27
F41IELL/T3	F32T8/WM	Fluorescent (1) 48" T8 ES lamp, IS NLO ballast, tandem wired three lamp ballast	Electronic	1	30	28
F41IELL/T4	F32T8/WM	Fluorescent (1) 48" T8 ES lamp, IS NLO ballast, tandem wired four lamp ballast	Electronic	1	30	26
F41IELL-H	F32T8/WM	Fluorescent (1) 48" T8 ES lamp, IS HLO ballast (BF: .98-1.1)	Electronic	1	30	39
F41IELL-R	F32T8/WM	Fluorescent (1) 48" T8 ES lamp, IS RLO ballast (BF< 0.85)	Electronic	1	30	27
F41IELL-VR	F32T8/WM	Fluorescent, (1) 48", T-8 Watt Miser lamp on Howard Ind. Very Reduced Output (BF=.75) IS 2 lamp ballast (1 capped)	Electronic	1	30	24

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F41IELU	F32T8/WM	Fluorescent, (1) 48", T-8 Watt Miser lamp, IS GE Ultra or HI-HEX Ballast, NLO (BF= 0.87-0.91)	Prem. Elec.	1	30	28
F41IELU/T2	F32T8/WM	Fluorescent (1) 48" reduced wattage T8 lamp, IS, GE Ultra System, NLO(BF = 0.88), Tandem 2-Lamp Ballast	Prem. Elec.	1	30	28
F41IELU/T2-R	F32T8/WM	Fluorescent (1) 48" reduced wattage T8 lamp, IS, GE Ultra System, RLO (BF = 0.78), Tandem 2-Lamp Ballast	Prem. Elec.	1	30	23
F41IELU/T3	F32T8/WM	Fluorescent (1) 48" reduced wattage T8 lamp, IS, GE Ultra System, NLO(BF=0.88)Tandem 3-Lamp Ballast	Prem. Elec.	1	30	25
F41IELU/T3-R	F32T8/WM	Fluorescent (1) 48" reduced wattage T8 lamp, IS, GE Ultra System, RLO (BF=0.78), Tandem 3-Lamp Ballast	Prem. Elec.	1	30	22
F41IELU/T4	F32T8/WM	Fluorescent (1) 48" reduced wattage T8 lamp, IS, GE Ultra System, NLO(BF=0.88), Tandem 4-Lamp Ballast	Prem. Elec.	1	30	25
F41IELU/T4-R	F32T8/WM	Fluorescent (1) 48" reduced wattage T8 lamp, IS, GE Ultra System, RLO (BF=0.78), Tandem 4-Lamp Ballast	Prem. Elec.	1	30	22
F41IELU-H	F32T8/WM	Fluorescent (1) 48" reduced wattage T8 lamp, IS, GE Ultra System, HLO (BF = 1.03)	Prem. Elec.	1	30	32
F41ILL	F32T8	Fluorescent, (1) 48", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	1	32	31
F41ILL/T2	F32T8	Fluorescent, (1) 48", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), Tandem 2 Lamp Ballast	Electronic	1	32	30
F41ILL/T2-H	F32T8	Fluorescent, (1) 48", T-8 lamp, Instant Start Ballast, HLO (BF: .96-1.1), Tandem 4 Lamp Ballast	Electronic	1	32	33
F41ILL/T2-R	F32T8	Fluorescent, (1) 48", T-8 lamp, IS Ballast, RLO (BF<0.85), Tandem 2 Lamp Ballast	Electronic	1	32	26
F41ILL/T3	F32T8	Fluorescent, (1) 48", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), Tandem 3 Lamp	Electronic	1	32	30

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Ballast				
F41ILL/T3-H	F32T8	Fluorescent, (1) 48", T-8 lamp, Instant Start Ballast, HLO (BF:.96-1.1), Tandem 4 Lamp Ballast	Electronic	1	32	31
F41ILL/T3-R	F32T8	Fluorescent, (1) 48", T-8 lamp, IS Ballast, RLO (BF<0.85), Tandem 3 Lamp Ballast	Electronic	1	32	26
F41ILL/T4	F32T8	Fluorescent, (1) 48", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), Tandem 4 Lamp Ballast	Electronic	1	32	28
F41ILL/T4-R	F32T8	Fluorescent, (1) 48", T-8 lamp, IS Ballast, RLO (BF<0.85), Tandem 4 Lamp Ballast	Electronic	1	32	26
F41ILL-H	F32T8	Fluorescent, (1) 48", T-8 lamp, Instant Start Ballast, HLO (BF = 1.2)	Electronic	1	32	41
F41ILL-R	F32T8	Fluorescent, (1) 48", T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	1	32	29
F41ILL-VR	F32T8	Fluorescent, (1) 48", T-8 lamp, Very Reduced Output (BF=.75) IS, 2 lamp ballast (1blue lead capped)	Electronic	1	32	25
F41ILU	F32T8	Fluorescent, (1) 48", T-8 lamp, IS GE Ultra or HI-HEX Ballast, NLO (BF= 0.87-0.91)	Prem. Elec.	1	32	29
F41ILU/T2	F32T8	Fluorescent, (1) 48", T-8 lamp, IS GE Ultra or HI-HEX Ballast, NLO (BF= 0.87-0.91), Tandem 2-Lamp Ballast	Prem. Elec.	1	32	28
F41ILU/T2-R	F32T8	Fluorescent, (1) 48", T-8 lamp, IS GE Ultra or HI-HEX Ballast, RLO (BF= 0.77-0.78), Tandem 2-Lamp Ballast	Prem. Elec.	1	32	24
F41ILU/T3	F32T8	Fluorescent, (1) 48", T-8 lamp, IS GE Ultra or HI-HEX Ballast, NLO (BF= 0.87-0.91), Tandem 3-Lamp Ballast	Prem. Elec.	1	32	27
F41ILU/T3-R	F32T8	Fluorescent, (1) 48", T-8 lamp, IS GE Ultra or HI-HEX Ballast, RLO (BF= 0.77-0.78), Tandem 3-Lamp Ballast	Prem. Elec.	1	32	24
F41ILU/T4	F32T8	Fluorescent, (1) 48", T-8 lamp, IS GE Ultra or HI-HEX Ballast, NLO (BF= 0.87-0.91), Tandem 4-	Prem. Elec.	1	32	27

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Lamp Ballast				
F41ILU/T4-R	F32T8	Fluorescent, (1) 48", T-8 lamp, IS GE Ultra or HI-HEX Ballast, RLO (BF= 0.77-0.78), Tandem 4-Lamp Ballast	Prem. Elec.	1	32	24
F41ILU-H	F32T8	Fluorescent, (1) 48", T-8 lamp, Instant Start GE Ultra Ballast, HLO (BF = 1.03)	Prem. Elec.	1	32	34
F41ILU-R	F32T8	Fluorescent, (1) 48", T-8 lamp, IS HI-HEX Ballast, RLO (BF = 0.77)	Prem. Elec.	1	32	25
F41IRLL	F32T8-28W	Fluorescent, (1) 48", T8 @ 28W lamp, Instant Start Ballast, NLO (BF = .87)	Electronic	1	28	27
F41IRLL/D1-R	F32T8-28W	Fluorescent, (1) 48", T8 @ 28W lamp, Instant Start Ballast, RLO (BF =.84); two lamp ballast, delamped	Electronic	1	28	27
F41IRLL-VR	F32T8-28W	Fluorescent, (1) 48", T8 @ 28W lamp, Program Start Ballast, VLO (BF = .70); Osram Extreme Program Start Ballast	PS Electronic	1	28	22
F41IRLU	F32T8-28W	Fluorescent, (1), T8 @ 28W, Instant Start Ballast, NLO (BF = .87); GE Ultramax Lamp and Ballast only	Prem. Elec.	1	28	25
F41IRLU-R	F32T8-28W	Fluorescent, (1), T8 @ 28W, Instant Start Ballast, RLO (BF = .77); GE Ultramax Lamp and Ballast only	Prem. Elec.	1	28	22
F41IVLL	F32T8-25W	Fluorescent, (1) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, NLO (BF=.87)	Electronic	1	25	26
F41IVLL/T2	F32T8-25W	Fluorescent, (1) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, NLO (BF=.87), Tandem wired two lamp ballast	Electronic	1	25	23
F41IVLL/T2-H	F32T8-25W	Fluorescent, (1) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, HLO (BF=1.19), Tandem wired two lamp ballast	Electronic	1	25	33
F41IVLL/T2-VR	F32T8-25W	Fluorescent, (1) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, VRLO (BF=.74), Tandem wired two lamp ballast	Electronic	1	25	20
F41IVLL/T3	F32T8-25W	Fluorescent, (1) 48" T-8 lamp, Philips Alto	Electronic	1	25	22

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Advantage or Eq. 25W, IS ballast, NLO (BF=.87), Tandem wired three lamp ballast				
F41IVLL/T3-H	F32T8-25W	Fluorescent, (1) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, HLO (BF=1.18), Tandem wired three lamp ballast	Electronic	1	25	31
F41IVLL/T3-VR	F32T8-25W	Fluorescent, (1) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, VRLO (BF=.74), Tandem wired three lamp ballast	Electronic	1	25	19
F41IVLL/T4	F32T8-25W	Fluorescent, (1) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, NLO (BF=.87), Tandem wired four lamp ballast	Electronic	1	25	22
F41IVLL/T4-VR	F32T8-25W	Fluorescent, (1) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, VRLO (BF=.74), Tandem wired four lamp ballast	Electronic	1	25	19
F41IVLL-H	F32T8-25W	Fluorescent, (1) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, HLO (BF=1.19)	Electronic	1	25	35
F41IVLL-VR	F32T8-25W	Fluorescent, (1) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, VRLO (BF=.74)	Electronic	1	25	23
F41IVLU	F32T8-25W	Fluorescent (1) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, Premium IS Ballast, NLO(BF = .86)	Prem. Elec.	1	25	23
F41IVLU/T2	F32T8-25W	Fluorescent (1) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, Premium IS Ballast, NLO(BF = .87); Tandem wired 2 lamp ballast	Prem. Elec.	1	25	22
F41IVLU/T3	F32T8-25W	Fluorescent (1) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, Premium IS Ballast, NLO(BF = .87); Tandem wired 3 lamp ballast	Prem. Elec.	1	25	21
F41IVLU/T4	F32T8-25W	Fluorescent (1) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, Premium IS Ballast, NLO(BF = .86); Tandem wired 4 lamp ballast	Prem. Elec.	1	25	21
F41LE	F32T8	Fluorescent, (1) 48", T-8 lamp	Mag-ES	1	32	35
F41LL	F32T8	Fluorescent, (1) 48", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95)	Electronic	1	32	32
F41LL/T2	F32T8	Fluorescent, (1) 48", T-8 lamp, Rapid Start	Electronic	1	32	30

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Ballast, NLO (BF: .85-.95), Tandem 2 Lamp Ballast				
F41LL/T2-H	F32T8	Fluorescent, (1) 48", T-8 lamp, Rapid Start Ballast, HLO (BF:.96-1.1), Tandem 2 Lamp Ballast	Electronic	1	32	35
F41LL/T2-R	F32T8	Fluorescent, (1) 48", T-8 lamp, Rapid Start Ballast, RLO (BF<0.85), Tandem 2 Lamp Ballast	Electronic	1	32	27
F41LL/T3	F32T8	Fluorescent, (1) 48", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95), Tandem 3 Lamp Ballast	Electronic	1	32	31
F41LL/T3-H	F32T8	Fluorescent, (1) 48", T-8 lamp, Rapid Start Ballast, HLO (BF:.96-1.1), Tandem 3 Lamp Ballast	Electronic	1	32	33
F41LL/T3-R	F32T8	Fluorescent, (1) 48", T-8 lamp, Rapid Start Ballast, RLO (BF<0.85), Tandem 3 Lamp Ballast	Electronic	1	32	25
F41LL/T4	F32T8	Fluorescent, (1) 48", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95), Tandem 4 Lamp Ballast	Electronic	1	32	30
F41LL/T4-R	F32T8	Fluorescent, (1) 48", T-8 lamp, Rapid Start Ballast, RLO (BF<0.85), Tandem 4 Lamp Ballast	Electronic	1	32	26
F41LL-H	F32T8	Fluorescent, (1) 48", T-8 lamp, Rapid Start Ballast, HLO (BF:.96-1.1)	Electronic	1	32	39
F41LL-R	F32T8	Fluorescent, (1) 48", T-8 lamp, Rapid Start Ballast, RLO (BF<0.85)	Electronic	1	32	27
F41LL-VR	F32T8	Flourescent (1) 48" T8 lamp on Very low power (BF=0.74), Prog. RS Sylvania Xtreme Ballast	Electronic	1	32	28
F41PHL/T2-H	F54T5HO	Fluorescent (1) T-5 HO 45.8" lamp, Programmed Rapid Start, Electronic Ballast, HLO(BF =1.0) Tandem 2-Lamp Ballast	Electronic	1	54	59
F41PHL-H	F54T5HO	Fluorescent (1) T-5 HO 45.8" lamps, Programmed Rapid Start, Electronic Ballast, HLO(BF =1.02)	Electronic	1	54	62
F41PL/T2-H	F28T5	Fluorescent (1) 45.8" (1163mm) T-5 lamp; (1) Prog.Start or PRS Ballast, HLO (BF=1.0); Tandem 2 L. Ballast	Electronic	1	28	32

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F41PL-H	F28T5	Fluorescent (1) 45.8" (1163mm) T-5 lamp; (1) Prog,Start or PRS Ballast, HLO (BF=1.0)	Electronic	1	28	33
F41SE	F40T12	Fluorescent, (1) 48", STD lamp	Mag-ES	1	40	43
F41SE/T2	F40T12	Fluorescent, (1) 48", STD lamp, Tandem wired, 2-lamp ballast	Mag-ES	1	40	38
F41SHS	F48T12/HO	Fluorescent, (1) 48", STD HO lamp	Mag-STD	1	60	85
F41SIL	F40T12	Fluorescent, (1) 48", STD IS lamp, Electronic ballast	Electronic	1	39	46
F41SIL/T2	F40T12	Fluorescent, (1) 48", STD IS lamp, Electronic ballast, tandem wired	Electronic	1	39	37
F41SIS	F40T12	Fluorescent, (1) 48", STD IS lamp	Mag-STD	1	39	60
F41SIS/T2	F40T12	Fluorescent, (1) 48", STD IS lamp, tandem to 2-lamp ballast	Mag-STD	1	39	52
F41SS	F40T12	Fluorescent, (1) 48", STD lamp	Mag-STD	1	40	43
F41SS/T2	F40T12	Fluorescent, (1) 48", STD lamp, Tandem 2 Lamp Ballast	Mag-STD	1	40	43
F41SVS	F48T12/VHO	Fluorescent, (1) 48", STD VHO lamp	Mag-STD	1	110	140
F41TS	F40T10	Fluorescent, (1) 48", T-10 lamp	Mag-STD	1	40	51
F42EE	F40T12/ES	Fluorescent, (2) 48", ES lamp	Mag-ES	2	34	72
F42EE/2	F40T12/ES	Fluorescent, (2) 48", ES lamp, 2 ballasts	Mag-ES	2	34	86
F42EE/D2	F40T12/ES	Fluorescent, (2) 48", ES lamp, 2 Ballasts (delamped)	Mag-ES	2	34	76
F42EHS	F42T12/HO/ES	Fluorescent, (2) 42", HO lamp (3.5' lamp)	Mag-STD	2	55	135
F42EIS	F48T12/ES	Fluorescent, (2) 48" ES Instant Start lamp, Magnetic ballast	Mag-STD	2	30	82
F42EL	F40T12/ES	Fluorescent, (2) 48", T12 ES lamps, Electronic Ballast	Electronic	2	34	60
F42ES	F40T12/ES	Fluorescent, (2) 48", ES lamp	Mag-STD	2	34	72

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F42IAL/T4-R	F25T12	Fluorescent, (2) 48", F25T12 lamp, Instant Start, Tandem 4-Lamp Ballast, RLO (BF<0.85)	Electronic	2	25	40
F42IAL-R	F25T12	Fluorescent, (2) 48", F25T12 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	2	25	39
F42IELL	F32T8/WM	Fluorescent (2) 48" T8 ES lamps, IS NLO ballast	Electronic	2	30	54
F42IELL/T4	F32T8/WM	Fluorescent (4) 48" T8 ES lamps, IS NLO ballast, Tandem wired	Electronic	2	30	52
F42IELL/T4-R	F32T8/WM	Fluorescent (4) 48" T8 ES lamps, IS RLO ballast, Tandem wired	Electronic	2	30	46
F42IELL-H	F32T8/WM	Fluorescent (2) 48" T8 ES lamps, IS HLO ballast (BF: .96-1.1)	Electronic	2	30	72
F42IELL-R	F32T8/WM	Fluorescent (2) 48" T8 ES lamps, IS RLO ballast (BF<0.85)	Electronic	2	30	48
F42IELU	F32T8/WM	Fluorescent (2) 48" reduced wattage T8 lamp, IS, GE Ultra System, NLO(BF=0.88)	Prem. Elec.	2	30	52
F42IELU/T4	F32T8/WM	Fluorescent (2) 48" reduced wattage T8 lamp, IS, GE Ultra System, NLO(BF=0.88, Tandem 4-Lamp Ballast	Prem. Elec.	2	30	51
F42IELU/T4-R	F32T8/WM	Fluorescent (2) 48" reduced wattage T8 lamp, IS, GE Ultra System, RLO (BF=0.78), Tandem 4-Lamp Ballast	Prem. Elec.	2	30	44
F42IELU-R	F32T8/WM	Fluorescent (2) 48" reduced wattage T8 lamp, IS, GE Ultra System, RLO (BF=0.78)	Prem. Elec.	2	30	45
F42ILL	F32T8	Fluorescent, (2) 48", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	2	32	59
F42ILL/2	F32T8	Fluorescent, (2) 48", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), (2) ballasts	Electronic	2	32	62
F42ILL/2-R	F32T8	Fluorescent, (2) 48" T-8 lamps, (2) Instant Start Ballasts, RLO (BF<0.85)	Electronic	2	32	62
F42ILL/T4	F32T8	Fluorescent, (2) 48", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), Tandem 4 Lamp Ballast	Electronic	2	32	56

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F42ILL/T4-R	F32T8	Fluorescent, (2) 48", T-8 lamp, Instant Start Ballast, RLO (BF<0.85), Tandem 4 Lamp Ballast	Electronic	2	32	51
F42ILL-H	F32T8	Fluorescent, (2) 48", T-8 lamp, Instant Start Ballast, HLO (BF: .96-1.1)	Electronic	2	32	77
F42ILL-R	F32T8	Fluorescent, (2) 48", T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	2	32	52
F42ILL-V	F32T8	Fluorescent, (2) 48", T-8 lamp, Instant Start Ballast, VHLO (BF>1.1)	Electronic	2	32	79
F42ILU	F32T8	Fluorescent, (2) 48", T-8 lamp, IS GE Ultra or HI-HEX Ballast, NLO (BF= 0.87-0.88)	Prem. Elec.	2	32	55
F42ILU/T4	F32T8	Fluorescent, (2) 48", T-8 lamp, IS GE Ultra or HI-HEX Ballast, NLO (BF= 0.87-0.88), Tandem 4-Lamp Ballast	Prem. Elec.	2	32	54
F42ILU/T4-R	F32T8	Fluorescent, (2) 48", T-8 lamp, IS GE Ultra or HI-HEX Ballast, RLO (BF= 0.77-0.78), Tandem 4-Lamp Ballast	Prem. Elec.	2	32	48
F42ILU-R	F32T8	Fluorescent, (2) 48", T-8 lamp, IS GE Ultra or HI-HEX Ballast, RLO (BF= 0.77-0.78)	Prem. Elec.	2	32	48
F42IRLL	F32T8-28W	Fluorescent, (2) 48", T-8 @ 28W lamps, IS Ballast, NLO (.85<BF<.87) , GE Ultramax system or Osram lamp and ballast combo	Electronic	2	28	49
F42IRLL-VR	F32T8-28W	Fluorescent, (2) 48", T-8 @ 28W lamps, Instant Start Ballast, VLO (.70<BF< .74) PS or Quiktronic Ballast	PS Electronic	2	28	42
F42IRLU	F32T8-28W	Fluorescent, (2), T8 @ 28W, Instant Start Ballast, NLO (BF = .87); GE Ultramax Lamp and Ballast only	Prem. Elec.	2	28	48
F42IRLU-R	F32T8-28W	Fluorescent, (2) 48", T-8 @ 28W lamps, Instant Start Ballast, RLO (BF=.77) GE Ultramax Lamp and Ballast	Prem. Elec.	2	28	44
F42IRLU-V	F32T8-28W	Fluorescent, (2) 48", T-8 @ 28W lamps, IIS Ballast, VHO (BF=1.18) GE Ultramax Lamp and Ballast	Prem. Elec.	2	28	65
F42IVLL	F32T8-25W	Fluorescent, (2) 48" T-8 lamp, Philips Alto	Electronic	2	25	46

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Advantage or Eq. 25W, IS ballast, NLO (BF=.87)				
F42IVLL/T4	F32T8-25W	Fluorescent, (2) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, NLO (BF=.87), tandem wired four lamp ballast	Electronic	2	25	43
F42IVLL/T4-VR	F32T8-25W	Fluorescent, (2) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, VRLO (BF=.74), tandem wired four lamp ballast	Electronic	2	25	37
F42IVLL-H	F32T8-25W	Fluorescent, (2) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, HLO (BF=1.19)	Electronic	2	25	65
F42IVLL-VR	F32T8-25W	Fluorescent, (2) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, VRLO (BF=.74)	Electronic	2	25	40
F42IVLU	F32T8-25W	Fluorescent (2) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, Premium IS Ballast, NLO(BF = .87)	Prem. Elec.	2	25	43
F42IVLU/T4	F32T8-25W	Fluorescent (2) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, Premium IS Ballast, NLO(BF = .86); Tandem wired 4 lamp ballast	Prem. Elec.	2	25	42
F42IVLU-VR	F32T8-25W	Fluorescent (2) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, Premium IS Ballast, VRO(BF = .77)	Prem. Elec.	2	25	37
F42LE	F32T8	Fluorescent, (2) 48", T-8 lamp	Mag-ES	2	32	71
F42LL	F32T8	Fluorescent, (2) 48", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95)	Electronic	2	32	60
F42LL/2	F32T8	Fluorescent, (2) 48", T-8 lamp, 2 Rapid Start Ballasts, NLO (BF: .85-.95)	Electronic	2	32	64
F42LL/T4	F32T8	Fluorescent, (2) 48", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95), Tandem 4 Lamp Ballast	Electronic	2	32	59
F42LL/T4-R	F32T8	Fluorescent, (2) 48", T-8 lamp, Rapid Start Ballast, RLO (BF<0.85), Tandem 4 Lamp Ballast	Electronic	2	32	53
F42LL-H	F32T8	Fluorescent, (2) 48", T-8 lamp, Rapid Start Ballast, HLO (BF: .98-1.1)	Electronic	2	32	70
F42LL-R	F32T8	Fluorescent, (2) 48", T-8 lamp, Rapid Start	Electronic	2	32	54

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Ballast, RLO (BF<0.85)				
F42LL-V	F32T8	Fluorescent, (2) 48", T-8 lamp, Rapid Start Ballast, VHLO (BF>1.1)	Electronic	2	32	85
F42LL-VR	F32T8	Fluorescent (2) 48" T8 lamp on Very Low Power(BF =.74) Prog. RS Sylvania Xtreme Ballast	Electronic	2	32	49
F42PHL-H	F54T5HO	Fluorescent (2) T-5 HO 45.8" lamps, Programmed Rapid Start, Electronic Ballast, HLO(BF=1.0)	Electronic	2	54	117
F42PL-H	F28T5	Fluorescent (2) 45.8" (1163mm) T-5 lamp; (1) Prog.Start or PRS Ballast, HLO (BF=1.0)	Electronic	2	28	63
F42SE	F40T12	Fluorescent, (2) 48", STD lamp	Mag-ES	2	40	72
F42SE/D2	F40T12	Fluorescent, (2) 48", STD lamp, 2 ballasts (delamped)	Mag-ES	2	40	76
F42SHS	F48T12/HO	Fluorescent, (2) 48", STD HO lamp	Mag-STD	2	60	145
F42SIL	F40T12	Fluorescent, (2) 48", STD IS lamp, Electronic ballast	Electronic	2	39	74
F42SIS	F40T12	Fluorescent, (2) 48", STD IS lamp	Mag-STD	2	39	103
F42SS	F40T12	Fluorescent, (2) 48", STD lamp	Mag-STD	2	40	72
F42SVS	F48T12/VHO	Fluorescent, (2) 48", STD VHO lamp	Mag-STD	2	110	252
F43EE	F40T12/ES	Fluorescent, (3) 48", ES lamp	Mag-ES	3	34	115
F43EE/T2	F40T12/ES	Fluorescent, (3) 48", ES lamp, tandem wired, 2-lamp ballasts	Mag-ES	3	34	108
F43EHS	F42T12/HO/ES	Fluorescent, (3) 42", HO lamp (3.5' lamp)	Mag-STD	3	55	215
F43EIS	F48T12/ES	Fluorescent, (3) 48" ES Instant Start lamp. Magnetic ballast	Mag-STD	3	30	133
F43EL	F40T12/ES	Fluorescent, (3) 48", T12 ES lamps, Electronic Ballast	Electronic	3	34	92
F43ELL-R	F32T8/MM	Fluorescent (3) 48" T8 ES lamps, IS RLO ballast (BF<0.85))	Electronic	3	30	70
F43ES	F40T12/ES	Fluorescent, (3) 48", ES lamp	Mag-STD	3	34	115

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F43ES/T2	F40T12/ES	Fluorescent, (3) 48". ES lamp, tandem wired, 2-lamp ballasts	Mag-STD	3	34	108
F43IAL-R	F25T12	Fluorescent, (3) 48", F25T12 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	3	25	60
F43IELL	F32T8/WM	Fluorescent (3) 48" T8 ES lamps, IS NLO ballast	Electronic	3	30	79
F43IELL/2	F32T8/WM	Fluorescent (3) 48" T8 ES lamps, 2 @ IS, NLO Ballasts (one lamp, plus two lamp ballasts)	Electronic	3	30	83
F43IELL/2-H	F32T8/WM	Fluorescent (3) 48" T8 ES lamps, 2 @ IS, HLO Ballasts (one lamp, plus two lamp ballasts)	Electronic	3	30	111
F43IELL/2-R	F32T8/WM	Fluorescent (3) 48" T8 ES lamps, 2 @ IS, RLO Ballasts (one lamp, plus two lamp ballasts)	Electronic	3	30	78
F43IELL-H	F32T8/WM	Fluorescent (3) 48" T8 ES lamps, IS HLO ballast (BF: .96-1.1)	Electronic	3	30	105
F43IELL-R	F32T8/WM	Fluorescent (3) 48" T8 ES lamps, IS RLO ballast (BF<0.85))	Electronic	3	30	70
F43IELL-VR	F32T8/WM	Fluorescent (3) 48" 30W F32T8/WM lamps on two lamp GE IS Ultra Ballast (BF=.78)	Electronic	3	30	66
F43IELU	F32T8/WM	Fluorescent (3) 48" reduced wattage T8 lamp, IS, GE Ultra System, NLO (BF=0.88)	Prem. Elec.	3	30	76
F43IELU-R	F32T8/WM	Fluorescent (3) 48" reduced wattage T8 lamp, IS, GE Ultra System, RLO (BF=0.78)	Prem. Elec.	3	30	68
F43ILL	F32T8	Fluorescent, (3) 48", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	3	32	87
F43ILL/2	F32T8	Fluorescent, (3) 48", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), (2) ballast	Electronic	3	32	90
F43ILL/2-H	F32T	Fluorescent (3) 48" T8 lamps, 2 @ IS, HLO Ballasts (one lamp, plus two lamp ballasts)	Electronic	3	32	118
F43ILL/2-R	F32T8	Fluorescent, (3) 48", T-8 lamp, (2) Instant Start Ballasts, RLO (BF<0.85)	Electronic	3	32	83
F43ILL/T2-R	F32T8	Fluorescent, (3) 48", T-8 lamp, tandem-wired 2 lamp ballasts, RLO (BF<0.85)	Electronic	3	32	83

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F43ILL-H	F32T8	Fluorescent, (3) 48", T-8 lamp, Instant Start Ballast, HLO (BF=96-1.1)	Electronic	3	32	111
F43ILL-R	F32T8	Fluorescent, (3) 48", T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	3	32	78
F43ILL-V	F32T8	Fluorescent, (3) 48", T-8 lamp, Instant Start Ballast, VHLO (BF>1.1)	Electronic	3	32	113
F43ILU	F32T8	Fluorescent, (3) 48", T-8 lamp, IS GE Ultra or HI-HEX Ballast, NLO (BF= 0.87-0.88)	Prem. Elec.	3	32	82
F43ILU-R	F32T8	Fluorescent, (3) 48", T-8 lamp, IS GE Ultra or HI-HEX Ballast, RLO (BF= 0.77-0.78)	Prem. Elec.	3	32	73
F43IRLL	F32T8-28W	Fluorescent, (3) 48", T-8 @ 28W lamps, IS Ballast, NLO (.86<BF<.90) GE Ultramax system or Osram lamp ballast combo's	Electronic	3	28	72
F43IRLL/D1	F32T8-28W	Fluorescent, (3) 48", T-8 @ 28W lamps, IS Ballast, NLO (BF = .93), Osram Quicktronic 4-lamp ballast; one leg capped	Electronic	3	28	79
F43IRLL-VR	F32T8-28W	Fluorescent, (3) 48", T-8 @ 28W lamps, PS or IS Ballast, VLO (.68<BF<.74) Osram Extremem PS ballast, or Quicktronic	PS Electronic	3	28	63
F43IRLU	F32T8-28W	Fluorescent, (3) 48", T-8 lamps @ 28W, IS Ballast, NLO (BF = .87), GE Ultramax lamp and ballast system only	Prem. Elec.	3	28	71
F43IRLU-R	F32T8-28W	Fluorescent, (3) 48", T-8 @ 28W lamps, IS Ballast, RLO (BF=.77) GE Ultramax Lamp and Ballast combination	Prem. Elec.	3	28	65
F43IRLU-V	F32T8-28W	Fluorescent, (3) 48", T-8 @ 28W lamps, IS Ballast, VHO (BF = 1.18), GE Ultramax lamp and ballast combination only	Prem. Elec.	3	28	96
F43IVLL	F32T8-25W	Fluorescent, (3) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, NLO (BF=.87)	Electronic	3	25	66
F43IVLL/2	F32T8-25W	Fluorescent, (3) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, (2) IS ballasts; 1&2 lamp, NLO (BF=.87)	Electronic	3	25	72
F43IVLL/2-H	F32T8-25W	Fluorescent, (3) 48" T-8 lamp, Philips Alto	Electronic	3	25	100

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Advantage or Eq. 25W, (2) IS ballasts; 1&2 lamp, HLO (BF=1.19)				
F43IVLL/2-VR	F32T8-25W	Fluorescent, (3) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, (2) IS ballasts; 1&2 lamp, VRLO (BF=.74)	Electronic	3	25	63
F43IVLL-H	F32T8-25W	Fluorescent, (3) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, HLO (BF=1.18)	Electronic	3	25	92
F43IVLL-VR	F32T8-25W	Fluorescent, (3) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, VRLO (BF=.74)	Electronic	3	25	58
F43IVLU	F32T8-25W	Fluorescent (3) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, Premium IS Ballast, NLO(BF = .87)	Prem. Elec.	3	25	63
F43IVLU/2	F32T8-25W	Fluorescent (3) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, (2) Premium IS Ballast, 1 & 2 lamp, NLO(BF = .87)	Prem. Elec.	3	25	66
F43IVLU-VR	F32T8-25W	Fluorescent (3) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, Premium IS Ballast, VRO(BF = .77)	Prem. Elec.	3	25	54
F43LE	F32T8	Fluorescent, (3) 48", T-8 lamp	Mag-ES	3	32	110
F43LL	F32T8	Fluorescent, (3) 48", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95)	Electronic	3	32	93
F43LL/2	F32T8	Fluorescent, (3) 48", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95), (2) ballast	Electronic	3	32	92
F43LL-H	F32T8	Fluorescent, (3) 48", T-8 lamp, Rapid Start Ballast, HLO (BF: .96-1.1)	Electronic	3	32	98
F43LL-R	F32T8	Fluorescent, (3) 48", T-8 lamp, Rapid Start Ballast, RLO (BF<0.85)	Electronic	3	32	76
F43LL-VR	F32T8	Fluorescent (3) 48" T8 lamp on Very Low Power(BF =.74) Prog. RS Sylvania Xtreme Ballast	Electronic	3	32	72
F43PHL/2-H	F54T5HO	Fluorescent (3) T-5 HO 45.8" lamps, Programmed Rapid Start, (2) Electronic Ballasts, HLO(BF =1.0)	Electronic	3	54	179
F43PL/2-H	F28T5	Fluorescent (3) 45.8" (1163mm)T-5 lamp; (2) Prog.Start or PRS Ballasts, HLO (BF=1.0)	Electronic	3	28	96

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F43SE	F40T12	Fluorescent, (3) 48", STD lamp	Mag-ES	3	40	115
F43SHS	F48T12/HO	Fluorescent, (3) 48", STD HO lamp	Mag-STD	3	60	230
F43SIL	F40T12	Fluorescent, (3) 48", STD IS lamp, Electronic ballast	Electronic	3	39	120
F43SS	F40T12	Fluorescent, (3) 48", STD lamp	Mag-STD	3	40	115
F43SVS	F48T12/VHO	Fluorescent, (3) 48", STD VHO lamp	Mag-STD	3	110	377
F44EE	F40T12/ES	Fluorescent, (4) 48", ES lamp	Mag-ES	4	34	144
F44EE/D3	F40T12/ES	Fluorescent, (4) 48", ES lamp, 3 Ballasts (delamped)	Mag-ES	4	34	148
F44EE/D4	F40T12/ES	Fluorescent, (4) 48", ES lamp, 4 Ballasts (delamped)	Mag-ES	4	34	152
F44EHS	F48T12/HO/ES	Fluorescent, (4) 48", ES HO lamp	Mag-STD	4	55	270
F44EIS	F48T12/ES	Fluorescent, (4) 48" ES Instant Start lamp. Magnetic ballast	Mag-STD	4	30	164
F44EL	F40T12/ES	Fluorescent, (4) 48", T12 ES lamps, Electronic Ballast	Electronic	4	34	120
F44ES	F40T12/ES	Fluorescent, (4) 48", ES lamp	Mag-STD	4	34	144
F44EVS	F48T12/VHO/ES	Fluorescent, (4) 48", VHO ES lamp	Mag-STD	4	0	420
F44IAL-R	F25T12	Fluorescent, (4) 48", F25T12 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	4	25	80
F44IELL	F32T8/WM	Fluorescent (4) 48" T8 ES lamps, IS NLO ballast	Electronic	4	30	104
F44IELL/2	F32T8/WM	Fluorescent (4) 48" T8 ES lamps, 2 @ two lamp IS NLO ballasts (dual switched)	Electronic	4	30	108
F44IELL/2-H	F32T8/WM	Fluorescent (4) 48" T8 ES lamps, 2 @ two lamp IS HLO ballasts (dual switched)	Electronic	4	30	144
F44IELL/2-R	F32T8/WM	Fluorescent (4) 48" T8 ES lamps, 2 @ two lamp IS RLO ballasts (dual switched)	Electronic	4	30	96
F44IELL-R	F32T8/WM	Fluorescent (4) 48" T8 ES lamps, IS RLO ballast	Electronic	4	30	91

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F44IELU	F32T8/WM	Fluorescent (4) 48" reduced wattage T8 lamp, IS, GE Ultra System, NLO(BF=0.88)	Prem. Elec.	4	30	101
F44IELU-R	F32T8/WM	Fluorescent (4) 48" reduced wattage T8 lamp, IS, GE Ultra System, RLO (BF=0.78)	Prem. Elec.	4	30	88
F44ILL	F32T8	Fluorescent, (4) 48", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	4	32	112
F44ILL/2	F32T8	Fluorescent, (4) 48", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), (2) ballast	Electronic	4	32	118
F44ILL/2-H	F32T8	Fluorescent, (4) 48", T-8 lamp, Instant Start Ballast, HLO (BF: .96-1.1)	Electronic	4	32	154
F44ILL/2-R	F32T8	Fluorescent, (4) 48", T-8 lamps, (2) Instant Start Ballasts, RLO (BF<0.85)	Electronic	4	32	104
F44ILL/2-V	F32T8	Fluorescent, (4) 48", T-8 lamp, Instant Start Ballast, VHLO (BF>1.1)	Electronic	4	32	158
F44ILL-R	F32T8	Fluorescent, (4) 48", T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	4	32	102
F44ILL-V	F32T8	Fluorescent, (4) 48", T-8, (1) Instant Start Ballast, VLO(BF=1.14)	Electronic	4	32	151
F44ILU	F32T8	Fluorescent, (4) 48", T-8 lamp, IS GE Ultra or HI-HEX Ballast, NLO (BF= 0.87-0.88)	Prem. Elec.	4	32	108
F44ILU-R	F32T8	Fluorescent, (4) 48", T-8 lamp, IS GE Ultra or HI-HEX Ballast, RLO (BF= 0.77-0.78)	Prem. Elec.	4	32	95
F44IRLL	F32T8-28W	Fluorescent, (4) 48", T-8 @ 28W lamps, IS Ballast, NLO (.86<BF<.90), Osram lamp and Quicktronic ballast combinations	Electronic	4	28	98
F44IRLL-R	F32T8-28W	Fluorescent, (4) 48", T-8 @ 28W lamps, IS Ballast, RLO (BF=.77), GE Ultramax system, Osram lamp and Quicktronic ballast	Electronic	4	28	85
F44IRLL-VR	F32T8-28W	Fluorescent, (4) 48", T-8 lamps, Program Start or IS Ballast, VLO (.68<BF<.71) Osram Extreme PS or Quicktronic ballast	PS Electronic	4	28	81
F44IRLU	F32T8-28W	Fluorescent, (4) 48", T-8 @ 28W lamps, IS Ballast, NLO (BF=.87), GE Ultramax system only	Prem. Elec.	4	28	96

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F44IRLU-V	F32T8-28W	Fluorescent, (4) 48" T-8 @ 28W lamps, IS Ballast, VHO (BF = 1.15), GE Ultramax lamp and ballast system only	Prem. Elec.	4	28	131
F44IVLL	F32T8-25W	Fluorescent, (4) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, NLO (BF=.87)	Electronic	4	25	86
F44IVLL/2	F32T8-25W	Fluorescent, (4) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, (2) IS ballasts, NLO (BF=.87)	Electronic	4	25	92
F44IVLL/2-H	F32T8-25W	Fluorescent, (4) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, (2) IS ballasts, HLO (BF=1.19)	Electronic	4	25	130
F44IVLL/2-VR	F32T8-25W	Fluorescent, (4) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, (2) IS ballasts, VRLO (BF=.74)	Electronic	4	25	80
F44IVLL-VR	F32T8-25W	Fluorescent, (4) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, IS ballast, VRLO (BF=.74)	Electronic	4	25	74
F44IVLU	F32T8-25W	Fluorescent (4) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, Premium IS Ballast, NLO(BF = .86)	Prem. Elec.	4	25	82
F44IVLU/2	F32T8-25W	Fluorescent (4) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, (2) Premium IS Ballast, NLO(BF = .87)	Prem. Elec.	4	25	86
F44IVLU/2-VR	F32T8-25W	Fluorescent (4) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, (2) Premium IS Ballasts, VRO(BF = .77)	Prem. Elec.	4	25	74
F44IVLU-VR	F32T8-25W	Fluorescent (4) 48" T-8 lamp, Philips Alto Advantage or Eq. 25W, Premium IS Ballast, VRO(BF = .77)	Prem. Elec.	4	25	71
F44LE	F32T8	Fluorescent, (4) 48", T-8 lamp	Mag-ES	4	32	142
F44LL	F32T8	Fluorescent, (4) 48", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95)	Electronic	4	32	118
F44LL/2	F32T8	Fluorescent, (4) 48", T-8 lamp, Rapid Start Ballast, NLO (BF: .85-.95), (2) ballast	Electronic	4	32	120
F44LL-R	F32T8	Fluorescent, (4) 48", T-8 lamp, Rapid Start	Electronic	4	32	105

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Ballast, RLO (BF<0.85)				
F44LL-VR	F32T8	Flourescent (4) 48" T8 lamp on Very Low Power(BF =.74) Prog. RS Sylvania Xtreme Ballast	Electronic	4	32	94
F44PHU/2-H	F54T5HO	Fluorescent (4) T-5 HO 45.8" lamps, Programmed Rapid Start, (2) Electronic Ballasts, HLO(BF =1.0)	Electronic	4	54	234
F44PL/2-H	F28T5	Fluorescent (4) 45.8" (1163mm)T-5 lamp; (2) Prog.Start or PRS Ballasts, HLO (BF=1.0)	Electronic	4	28	126
F44SE	F40T12	Fluorescent, (4) 48", STD lamp	Mag-ES	4	40	144
F44SHS	F48T12/HO	Fluorescent, (4) 48", STD HO lamp	Mag-STD	4	60	290
F44SIL	F40T12	Fluorescent, (4) 48", STD IS lamp, Electronic ballast	Electronic	4	39	148
F44SS	F40T12	Fluorescent, (4) 48", STD lamp	Mag-STD	4	40	144
F44SVS	F48T12/VHO	Fluorescent, (4) 48", STD VHO lamp	Mag-STD	4	110	484
F45ILL	F32T8	Fluorescent, (5) 48", T-8 lamp, (1) 3-lamp IS ballast and (1) 2-lamp IS ballast, NLO (BF: .85-.95)	Electronic	5	32	148
F46EE	F40T12/ES	Fluorescent, (6) 48", ES lamp	Mag-ES	6	34	216
F46EL	F40T12/ES	Fluorescent, (6) 48", ES lamp	Electronic	6	34	188
F46ES	F40T12/ES	Fluorescent, (6) 48", ES lamp	Mag-STD	6	34	216
F46ILL/2	F32T8	Fluorescent, (6) 48", T-8 lamp, (2) Instant Start Ballasts, NLO (BF: .85-.95)	Electronic	6	32	174
F46ILL/2-H	F32T8	Fluorescent, (6) 48" T-8 lamp, (2) IS Ballast, HLO (BF:.96-1.1)	Electronic	6	32	222
F46ILL/2-R	F32T8	Fluorescent, (6) 48", T-8 lamp, Instant Start Ballast, RLO (BF< .85) (2) 3-lamp ballasts	Electronic	6	32	156
F46ILL-R	F32T8	Fluorescent, (6) 48", T-8 lamp, Instant Start Ballast, RLO (BF< .85)	Electronic	6	32	156
F46ILL/2-V	F32T8	Fluorescent (6) 48" T-8 lamps, (2) Instant Start Ballasts, VLO(BF>1.1)	Electronic	6	32	226
F46IELU/2	F32T8/WM	Fluorescent (6) 48" reduced wattage T8 lamp, IS,	Prem. Elec.	6	30	152

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		GE Ultra System, NLO(BF=0.88), (2) 3-Lamp Ballasts				
F46IELU/2-R	F32T8/WM	Fluorescent (6) 48" reduced wattage T8 lamp, IS, GE Ultra System, RLO(BF=0.78), (2) 3-Lamp Ballasts	Prem. Elec.	6	30	132
F46ILU/2	F32T8	Fluorescent (6) 48" T8 lamp, IS GE Ultra or HI-HEX Ballast, NLO (BF= 0.67-0.88), (2) 3-Lamp Ballasts	Prem. Elec.	6	32	164
F46ILU/2-R	F32T8	Fluorescent (6) 48" T8 lamp, IS GE Ultra or HI-HEX Ballast, RLO (BF= 0.77-0.78), (2) 3-Lamp Ballasts	Prem. Elec.	6	32	146
F46LL	F32T8	Fluorescent, (6) 48", T-8 lamp, NLO (BF: .85-.95)	Electronic	6	32	182
F46PHL/3-H	F54T5HO	Fluorescent, (6) 45.8", T-5 high-output lamps, HLO(BF=1.00), (3) Programmed Rapid Start Ballasts	Electronic	6	54	351
F46SE	F40T12	Fluorescent, (6) 48", STD lamp	Mag-ES	6	40	216
F46SL	F40T12	Fluorescent, (6) 48", STD lamp	Electronic	6	40	186
F46SS	F40T12	Fluorescent, (6) 48", STD lamp	Mag-STD	6	40	216
F48EE	F40T12/ES	Fluorescent, (8) 48", ES lamp	Mag-ES	8	34	288
F48ES	F40T12/ES	Fluorescent, (8) 48", ES lamp	Mag-STD	8	34	288
F48ILL	F32T8	Fluorescent, (8) 48", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	8	32	224
F48ILL/2-R	F32T8	Fluorescent, (8) 48", T-8 lamp, Instant Start Ballast, RLO (BF: .85-.95), (2) ballast	Electronic	8	32	204
F48ILL-R	F32T8	Fluorescent, (8) 48", T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	8	32	204
F48SE	F40T12	Fluorescent, (8) 48", STD lamp	Mag-ES	8	40	288
F48SS	F40T12	Fluorescent, (8) 48", STD lamp	Mag-STD	8	40	288
F51ILL	F40T8	Fluorescent, (1) 60", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	1	40	36
F51ILL/T2	F40T8	Fluorescent, (1) 60", T-8 lamp, Instant Start	Electronic	1	40	36

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Ballast, NLO (BF: .85-.95), Tandem 2 Lamp Ballast				
F51ILL/T3	F40T8	Fluorescent, (1) 60", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), Tandem 3 Lamp Ballast	Electronic	1	40	35
F51ILL/T4	F40T8	Fluorescent, (1) 60", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), Tandem 4 Lamp Ballast	Electronic	1	40	34
F51ILL-R	F40T8	Fluorescent, (1) 60", T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	1	40	43
F51PL-H	F35T5	Fluorescent (1) 57.6" (1463mm) T-5 lamp; (1) Prog.Start or PRS Ballast, HLO (BF=1.0)	Electronic	1	35	40
F51PHL-H	F80T5HO	Fluorescent (1) 57.6" (1463mm) T-5 HO lamp; (1) Prog.Start or PRS Ballast, HLO (BF=1.0)	Electronic	1	80	90
F51SHE	F60T12/HO	Fluorescent, (1) 60", STD HO lamp	Mag-ES	1	75	88
F51SHL	F80T12/HO	Fluorescent, (1) 60", STD HO lamp	Electronic	1	75	69
F51SHS	F60T12/HO	Fluorescent, (1) 60", STD HO lamp	Mag-STD	1	75	92
F51SL	F60T12	Fluorescent, (1) 60", STD lamp	Electronic	1	50	44
F51SS	F80T12	Fluorescent, (1) 60", STD lamp	Mag-STD	1	50	63
F51SVS	F60T12/VHO	Fluorescent, (1) 60", VHO ES lamp	Mag-STD	1	135	165
F52ILL	F40T8	Fluorescent, (2) 60", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	2	40	72
F52ILL/T4	F40T8	Fluorescent, (2) 60", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), Tandem 2 Lamp Ballast	Electronic	2	40	67
F52ILL-H	F40T8	Fluorescent, (2) 60", T-8 lamp, Instant Start Ballast, HLO (BF: .98-1.1)	Electronic	2	40	80
F52ILL-R	F40T8	Fluorescent, (2) 60", T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	2	40	73
F52PL-H	F35T5	Fluorescent (2) 57.6" (1463mm) T-5 lamp; (1) Prog.Start or PRS Ballast, HLO (BF=1.0)	Electronic	2	35	78

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F52PHL/2-H	F80T5HO	Fluorescent (2) 57.6" (1463mm) T-5 HO lamp; (1) Prog.Start or PRS Ballast, HLO (BF=1.0)	Electronic	2	80	179
F52SHE	F60T12/HO	Fluorescent, (2) 60", STD HO lamp	Mag-ES	2	75	176
F52SHL	F60T12/HO	Fluorescent, (2) 60", STD HO lamp	Electronic	2	75	138
F52SHS	F60T12/HO	Fluorescent, (2) 60", STD HO lamp	Mag-STD	2	75	168
F52SL	F60T12	Fluorescent, (2) 60", STD lamp	Electronic	2	50	88
F52SS	F60T12	Fluorescent, (2) 60", STD lamp	Mag-STD	2	50	128
F52SVS	F60T12/VHO	Fluorescent, (2) 60", VHO ES lamp	Mag-STD	2	135	310
F53ILL	F40T8	Fluorescent, (3) 60", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	3	40	106
F53ILL-H	F40T8	Fluorescent, (3) 60", T-8 lamp, Instant Start Ballast, HLO (BF:.96-1.1)	Electronic	3	40	108
F53PL/2-H	F35T5	Fluorescent (3) 57.6" (1463mm)T-5 lamp; (2) Prog.Start or PRS Ballasts, HLO (BF=1.0)	Electronic	3	35	119
F54ILL	F40T8	Fluorescent, (4) 60", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	4	40	134
F54ILL-H	F40T8	Fluorescent, (4) 60", T-8 lamp, Instant Start Ballast, HLO (BF:.96-1.1)	Electronic	4	40	128
F54PL/2-H	F35T5	Fluorescent (4) 57.6" (1463mm)T-5 lamp; (2) Prog.Start or PRS Ballasts, HLO (BF=1.0)	Electronic	4	35	157
F61ISL	F72T12	Fluorescent, (1) 72", STD lamp, IS electronic ballast	Electronic	1	55	68
F61SHS	F72T12/HO	Fluorescent, (1) 72", STD HO lamp	Mag-STD	1	85	106
F61SS	F72T12	Fluorescent, (1) 72", STD lamp	Mag-STD	1	55	76
F61SVS	F72T12/VHO	Fluorescent, (1) 72", VHO lamp	Mag-STD	1	160	180
F62ISL	F72T12	Fluorescent, (2) 72", STD lamp, IS electronic ballast	Electronic	2	55	108
F62SE	F72T12	Fluorescent, (2) 72", STD lamp	Mag-ES	2	55	122
F62SHE	F72T12/HO	Fluorescent, (2) 72", STD HO lamp	Mag-ES	2	85	194

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F62SHL	F72T12/HO	Fluorescent, (2) 72", STD HO lamp	Electronic	2	85	167
F62SHS	F72T12/HO	Fluorescent, (2) 72", STD HO lamp	Mag-STD	2	85	200
F62SL	F72T12	Fluorescent, (2) 72", STD lamp	Electronic	2	55	108
F62SS	F72T12	Fluorescent, (2) 72", STD lamp	Mag-STD	2	55	142
F62SVS	F72T12/VHO	Fluorescent, (2) 72", VHO lamp	Mag-STD	2	160	330
F63ISL	F72T12	Fluorescent, (3) 72", STD lamp, IS electronic ballast	Electronic	3	55	176
F63SS	F72T12	Fluorescent, (3) 72", STD lamp	Mag-STD	3	55	202
F64ISL	F72T12	Fluorescent, (4) 72", STD lamp, IS electronic ballast	Electronic	4	55	216
F64SE	F72T12	Fluorescent, (4) 72", STD lamp	Mag-ES	4	55	244
F64SHE	F72T12/HO	Fluorescent, (4) 72", HO lamp	Mag-ES	4	85	388
F64SS	F72T12	Fluorescent, (4) 72", STD lamp	Mag-STD	4	56	244
F81EE	F96T12/ES	Fluorescent, (1) 96" ES lamp	Mag-ES	1	60	75
F81EE/T2	F96T12/ES	Fluorescent, (1) 96", ES lamp, tandem to 2-lamp ballast	Mag-ES	1	60	62
F81EHL	F96T12/HO/ES	Fluorescent, (1) 96", ES HO lamp	Electronic	1	95	80
F81EHS	F96T12/HO/ES	Fluorescent, (1) 96", ES HO lamp	Mag-STD	1	95	113
F81EL	F96T12/ES	Fluorescent, (1) 96", ES lamp	Electronic	1	60	69
F81EL/T2	F96T12/ES	Fluorescent, (1) 96", ES lamp, Tandem 2 Lamp Ballast	Electronic	1	60	55
F81ES	F96T12/ES	Fluorescent, (1) 96", ES lamp	Mag-STD	1	60	75
F81ES/T2	F96T12/ES	Fluorescent, (1) 96", ES lamp, tandem to 2-lamp ballast	Mag-STD	1	60	62
F81EVS	F96T12/VHO/ES	Fluorescent, (1) 96", ES VHO lamp	Mag-STD	1	185	205
F81ELU	F96T8/MVM	Fluorescent, (1) 96" T-8 (57W) lamp, Instant Start	Prem. Elec.	1	57	51

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Ballast, NLO (BF = .87), Ultramax lamp and ballast system only				
F81ILL	F96T8	Fluorescent, (1) 96", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	1	59	58
F81ILL/T2	F96T8	Fluorescent, (1) 96", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95), Tandem 2 Lamp Ballast	Electronic	1	59	55
F81ILL/T2-R	F96T8	Fluorescent, (1) 96", T-8 lamp, Instant Start Ballast, RLO (BF<.85), Tandem 2 Lamp Ballast	Electronic	1	59	49
F81ILL-H	F96T8	Fluorescent, (1) 96", T-8 lamp, Instant Start Ballast, HLO (BF: .96-1.1)	Electronic	1	59	68
F81ILL-R	F96T8	Fluorescent, (1) 96", T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	1	59	57
F81ILL-V	F96T8	Fluorescent, (1) 96", T-8 lamp, Instant Start Ballast, VHLO (BF>1.1)	Electronic	1	59	71
F81LHL/T2	F96T8/HO	Fluorescent, (1) 96", T8 HO lamp, tandem wired to 2-lamp ballast	Electronic	1	86	80
F81ILU	F96T8	Fluorescent, (1) 96" T-8 lamp, Instant Start Ballast, NLO (BF = .87), Ultramax Premium Ballast only	Prem. Elec.	1	57	53
F81SE	F96T12	Fluorescent, (1) 96", STD lamp	Mag-ES	1	75	75
F81SE/T2	F96T12	Fluorescent, (1) 96", STD lamp, tandem to 2-lamp ballast	Mag-ES	1	75	62
F81SGS	F96T17	Fluorescent, (1) 96", T17 Power Groove or equivalent lamp	Mag-STD	1	215	235
F81SHS	F96T12/HO	Fluorescent, (1) 96", STD HO lamp	Mag-STD	1	110	121
F81SL	F96T12	Fluorescent, (1) 96", STD lamp	Electronic	1	75	69
F81SL/T2	F96T12	Fluorescent, (1) 96", STD lamp, Tandem 2 Lamp Ballast	Electronic	1	75	55
F81SS	F96T12	Fluorescent, (1) 96", STD lamp	Mag-STD	1	75	75
F81SS/T2	F96T12	Fluorescent, (1) 96", STD lamp, tandem to 2-lamp ballast	Mag-STD	1	75	62

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F81SVS	F96T12/VHO	Fluorescent, (1) 96", STD VHO lamp	Mag-STD	1	215	205
F82EE	F96T12/ES	Fluorescent, (2) 96", ES lamp	Mag-ES	2	60	123
F82EHE	F96T12/HO/ES	Fluorescent, (2) 96", ES HO lamp	Mag-ES	2	95	207
F82EHL	F96T12/HO/ES	Fluorescent, (2) 96", ES HO lamp	Electronic	2	95	173
F82EHS	F96T12/HO/ES	Fluorescent, (2) 96", ES HO lamp	Mag-STD	2	95	207
F82EL	F96T12/ES	Fluorescent, (2) 96", ES lamp	Electronic	2	60	110
F82ES	F96T12/ES	Fluorescent, (2) 96", ES lamp	Mag-STD	2	60	123
F82EVS	F96T12/VHO/ES	Fluorescent, (2) 96", ES VHO lamp	Mag-STD	2	195	390
F82IELU	T8F96/WM	Fluorescent, (2) 96" T-8, ES (57W) lamp, Instant Start Ballast, NLO (BF = .87), Ultramax lamp and ballast system only	Prem. Elec.	2	57	100
F82ILL	F96T8	Fluorescent, (2) 96", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	2	59	109
F82ILL-R	F96T8	Fluorescent, (2) 96", T-8 lamp, Instant Start Ballast, RLO (BF<0.85)	Electronic	2	59	98
F82ILL-V	F96T8	Fluorescent, (2) 96", T-8 lamps, Instant Start Ballast, VHLO (BF>1.1)	Electronic	2	59	149
F82ILU	F96T8	Fluorescent, (2) 96" T-8 ES lamp, Instant Start Ballast, NLO (BF = .87), Ultramax Ballast only	Prem. Elec.	2	59	105
F82LHL	F96T8/HO	Fluorescent, (2) 96", T8 HO lamp	Electronic	2	86	160
F82SE	F96T12	Fluorescent, (2) 96", STD lamp	Mag-ES	2	75	123
F82SHE	F96T12/HO	Fluorescent, (2) 96", STD HO lamp	Mag-ES	2	110	207
F82SHL	F96T12/HO	Fluorescent, (2) 96", STD HO lamp	Electronic	2	110	173
F82SHS	F96T12/HO	Fluorescent, (2) 96", STD HO lamp	Mag-STD	2	110	207
F82SL	F96T12	Fluorescent, (2) 96", STD lamp	Electronic	2	75	110

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F82SS	F96T12	Fluorescent, (2) 96", STD lamp	Mag-STD	2	75	123
F82SVS	F96T12/VHO	Fluorescent, (2) 96", STD VHO lamp	Mag-STD	2	215	380
F83EE	F96T12/ES	Fluorescent, (3) 96", ES lamp	Mag-ES	3	60	198
F83EHE	F96T12/HO/ES	Fluorescent, (3) 96", ES HO lamp, (1) 2-lamp ES Ballast, (1) 1-lamp STD Ballast	Mag-ES/STD	3	95	319
F83EHS	F96T12/HO/ES	Fluorescent, (3) 96", ES HO lamp	Mag-STD	3	95	319
F83EL	F96T12/ES	Fluorescent, (3) 96", ES lamp	Electronic	3	60	179
F83ES	F96T12/ES	Fluorescent, (3) 96", ES lamp	Mag-STD	3	60	198
F83EVS	F96T12/VHO/ES	Fluorescent, (3) 96", ES VHO lamp	Mag-STD	3	185	585
F83ILL	F96T8	Fluorescent, (3) 96", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	3	59	167
F83ILL/2-H	F96T8	Fluorescent, (3), 96" T8 lamp; (2) HLO Electronic Ballast (BF=1.15)	Electronic	3	59	240
F83ILU/2-H	Prem,F96T8	Fluorescent, (3), 96" T8 lamp; (2) Premium HLO Electronic Ballast (BF=1.15)	Prem. Elec.	3	59	216
F83SE	F96T12	Fluorescent, (3) 96", STD lamp	Mag-ES	3	75	198
F83SHE	F96T12/HO	Fluorescent, (3) 96", STD HO lamp	Mag-ES	3	110	319
F83SHS	F96T12/HO	Fluorescent, (3) 96", STD HO lamp	Mag-STD	3	110	319
F83SL	F96T12	Fluorescent, (3) 96", STD lamp	Electronic	3	75	179
F83SVS	F96T12/VHO	Fluorescent, (3) 96", STD VHO lamp	Mag-STD	3	215	585
F84EE	F96T12/ES	Fluorescent, (4) 96", ES lamp	Mag-ES	4	60	246
F84EHE	F96T12/HO/ES	Fluorescent, (4) 96", ES HO lamp	Mag-ES	4	95	414
F84EHL	F96T12/HO/ES	Fluorescent, (4) 96", ES HO lamp	Electronic	4	95	346
F84EHS	F96T12/HO/ES	Fluorescent, (4) 96", ES HO lamp	Mag-STD	4	95	414

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
F84EL	F96T12/ES	Fluorescent, (4) 96", ES lamp	Electronic	4	60	220
F84ES	F96T12/ES	Fluorescent, (4) 96", ES lamp	Mag-STD	4	60	246
F84EVS	F96T12/VHO/ES	Fluorescent, (4) 96", ES VHO lamp	Mag-STD	4	185	760
F84ILL	F96T8	Fluorescent, (4) 96", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	4	59	219
F84ILL/2-H	F96T8	Fluorescent, (4), 96" T8 lamp; (2) HLO Electronic Ballast (BF=1.15)	Electronic	4	59	320
F84ILU/2-H	Prem.F96T8	Fluorescent, (4), 96" T8 lamp; (2) Premium HLO Electronic Ballast (BF=1.15)	Prem. Elec.	4	59	288
F84ILL-V	F96T8	Fluorescent, (4) 96", T-8 lamps, (2) Instant Start Ballasts, VHLO (BF>1.1)	Electronic	4	59	298
F84LHL	F96T8/HO	Fluorescent, (4) 96", T8 HO lamp	Electronic	4	86	320
F84SE	F96T12	Fluorescent, (4) 96", STD lamp	Mag-ES	4	75	246
F84SHE	F96T12/HO	Fluorescent, (4) 96", STD HO lamp	Mag-ES	4	110	414
F84SHL	F96T12/HO	Fluorescent, (4) 96", STD HO lamp	Electronic	4	110	346
F84SHS	F96T12/HO	Fluorescent, (4) 96", STD HO lamp	Mag-STD	4	110	414
F84SL	F96T12	Fluorescent, (4) 96", STD lamp	Electronic	4	75	220
F84SVS	F96T12/VHO	Fluorescent, (4) 96", STD VHO lamp	Mag-STD	4	215	760
F86EE	F96T12/ES	Fluorescent, (6) 96", ES lamp	Mag-ES	6	60	369
F86EHS	F96T12/HO/ES	Fluorescent, (6) 96", ES HO lamp	Mag-STD	6	95	519
F86ILL	F96T8	Fluorescent, (6) 96", T-8 lamp, Instant Start Ballast, NLO (BF: .85-.95)	Electronic	6	59	328
F86SE	F96T12	Fluorescent, (6) 96", STD lamp	Mag-ES	6	75	328
F86SS	F96T12	Fluorescent, (6) 96", STD lamp	Mag-STD	6	75	328
F88EHE	F96T12/HO/ES	Fluorescent, (8) 96", ES HO lamp	Mag-ES	8	95	828
F88SHS	F96T12/HO	Fluorescent, (8) 96", STD HO lamp	Mag-STD	8	110	828

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
<i>FC</i>		<i>Circline Fluorescent Fixtures</i>				
FC12/1	FC12T9	Fluorescent, (1) 12" circular lamp, RS ballast	Mag-STD	1	32	31
FC12/2	FC12T9	Fluorescent, (2) 12" circular lamp, RS ballast	Mag-STD	2	32	62
FC16/1	FC16T9	Fluorescent, (1) 16" circular lamp	Mag-STD	1	40	35
FC20	FC6T9	Fluorescent, Circline, (1) 20W lamp, Preheat ballast	Mag-STD	1	20	20
FC22	FC8T9	Fluorescent, Circline, (1) 22W lamp, preheat ballast	Mag-STD	1	22	20
FC32	FC12T9	Fluorescent, Circline, (1) 32W lamp, preheat ballast	Mag-STD	1	32	40
FC40	FC16T9	Fluorescent, Circline, (1) 32W lamp, preheat ballast	Mag-STD	1	32	42
FC6/1	FC6T9	Fluorescent, (1) 6" circular lamp, RS ballast	Mag-STD	1	20	25
FC8/1	FC8T9	Fluorescent, (1) 8" circular lamp, RS ballast	Mag-STD	1	22	28
FC8/2	FC8T9	Fluorescent, (2) 8" circular lamp, RS ballast	Mag-STD	2	22	52
<i>FU</i>		<i>U-Tube Fluorescent Fixtures</i>				
FU1EE	FU40T12/ES	Fluorescent, (1) U-Tube, ES lamp	Mag-ES	1	35	43
FU1ES	FU40T12/ES	Fluorescent, (1) U-Tube, ES Lamp	Mag-STD	1	34	43
FU1ILL	FU31T8/6	Fluorescent, (1) U-Tube, T-8 lamp, Instant Start ballast	Electronic	1	32	31
FU1LL	FU31T8/6	Fluorescent, (1) U-Tube, T-8 lamp	Electronic	1	32	32
FU1LL-R	FU31T8/6	Fluorescent, (1) U-Tube, T-8 lamp, RLO (BF<0.85)	Electronic	1	31	27
FU1ILU	FU32T8/6	Fluorescent, (1) 6" spacing U-Tube, T-8 lamp, IS GE Ultra or HI-HEX Ballast, NLO(BF=0.88-0.87)	Prem. Elec.	1	32	29
FU1ILU-H	FU32T8/6	Fluorescent, (1) 6" spacing U-Tube, T-8 lamp, IS, GE Ultra System, HLO(BF=1.03)	Prem. Elec.	1	32	34
FU1SE	FU40T12	Fluorescent, (1) U-Tube, STD lamp	Mag-ES	1	40	43
FU1SS	FU40T12	Fluorescent, (1) U-Tube, ES Lamp	Mag-STD	1	40	43

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
FU2EE	FU40T12/ES	Fluorescent, (2) U-Tube, ES lamp	Mag-ES	2	35	72
FU2EL	FU40T12/ES	Fluorescent (2) 48" U-bent ES lamp, Electronic ballast (BF=0.86)	Electronic	2	34	63
FU2ES	FU40T12/ES	Fluorescent, (2) U-Tube, ES lamp	Mag-STD	1	35	72
FU2ILL	FU31T8/8	Fluorescent, (2) U-Tube, T-8 lamp, Instand Start Ballast	Electronic	2	32	59
FU2ILL/T4	FU31T8/6	Fluorescent, (2) U-Tube, T-8 lamp, Instand Start Ballast, tandem wired	Electronic	2	32	56
FU2ILL/T4-R	FU31T8/6	Fluorescent, (2) U-Tube, T-8 lamp, Instand Start Ballast, RLO, tandem wired	Electronic	2	32	51
FU2ILL-H	FU31T8/6	Fluorescent, (2) U-Tube, T-8 lamp, Instand Start HLO Ballast	Electronic	2	32	65
FU2ILL-R	FU31T8/6	Fluorescent, (2) U-Tube, T-8 lamp, Instand Start RLO Ballast	Electronic	2	32	52
FU2ILU	FU32T8/6	Fluorescent, (2) 6" spacing U-Tube, T-8 lamp, IS GE Ultra or HI-HEX Ballast, NLO(BF=0.87-0.88)	Prem. Elec.	2	32	55
FU2ILU-R	FU32T8/6	Fluorescent, (2) 6" spacing U-Tube, T-8 lamp, IS GE Ultra or HI-HEX Ballast, RLO(BF=0.77-0.78)	Prem. Elec.	2	32	48
FU2LL	FU31T8/6	Fluorescent, (2) U-Tube, T-8 lamp	Electronic	2	32	60
FU2LL/T2	FU31T8/6	Fluorescent, (2) U-Tube, T-8 lamp, Tandem 4 lamp ballast	Electronic	2	32	59
FU2LL-R	FU31T8/6	Fluorescent, (2) U-Tube, T-8 lamp, RLO (BF<0.85)	Electronic	2	31	54
FU2SE	FU40T12	Fluorescent, (2) U-Tube, STD lamp	Mag-ES	2	40	72
FU2SL	FU40T12	Fluorescent (2) 48" U-bent Standard lamp, Electronic ballast (BF=0.90)	Electronic	2	40	63
FU2SS	FU40T12	Fluorescent, (1) U-Tube, STD lamp, STD Mag Ballast	Mag-STD	2	40	72
FU3EE	FU40T12/ES	Fluorescent, (3) U-Tube, ES lamp	Mag-ES	3	35	115
FU3ILL	FU31T8/6	Fluorescent, (3) U-Tube, T-8 lamp, Instand Start Ballast	Electronic	3	32	89

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
FU3ILL-R	FU31T8/6	Fluorescent, (3) U-Tube, T-8 lamp, Instand Start RLO Ballast	Electronic	3	32	78
FU3ILU-R	FU32T8/6	Fluorescent, (3) 6" spacing U-Tube, T-8 lamp, IS GE Ultra or HI-HEX Ballast, RLO(BF=0.77-0.78)	Prem. Elec.	3	32	73
FU3ILU	FU32T8/6	Fluorescent, (3) 6" spacing U-Tube, T-8 lamp, IS GE Ultra or HI-HEX Ballast, NLO(BF=0.87-0.88)	Prem. Elec.	3	32	81
FU3SE	FU40T12	Fluorescent, (3) U-Tube, STD lamp	Mag-ES	3	40	115
<i>H</i>		<i>Halogen Incandescent Fixtures</i>				
H100/1	H100	Halogen Incandescent, (1) 100W lamp		1	100	100
H150/1	H150	Halogen Incandescent, (1) 150W lamp		1	150	150
H150/2	H150	Halogen Incandescent, (2) 150W lamp		2	150	300
H250/1	H250	Halogen Incandescent, (1) 250W lamp		1	250	250
H300/1	H300	Halogen Incandescent, (1) 300W lamp		1	300	300
H35/1	H35	Halogen Incandescent, (1) 35W lamp		1	35	35
H42/1	H42	Halogen Incandescent, (1) 42W lamp		1	42	42
H45/1	H45	Halogen Incandescent, (1) 45W lamp		1	45	45
H45/2	H45	Halogen Incandescent, (2) 45W lamp		2	45	90
H50/1	H50	Halogen Incandescent, (1) 50W lamp		1	50	50
H50/2	H50	Halogen Incandescent, (2) 50W lamp		2	50	100
H500/1	H500	Halogen Incandescent, (1) 500W lamp		1	500	500
H52/1	H52	Halogen Incandescent, (1) 52W lamp		1	52	52
H55/1	H55	Halogen Incandescent, (1) 55W lamp		1	55	55
H55/2	H55	Halogen Incandescent, (2) 55W lamp		2	55	110
H60/1	H60	Halogen Incandescent, (1) 60W lamp		1	60	60
H72/1	H72	Halogen Incandescent, (1) 72W lamp		1	72	72
H75/1	H75	Halogen Incandescent, (1) 75W lamp		1	75	75

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
H75/2	H75	Halogen Incandescent, (2) 75W lamp		2	75	150
H90/1	H90	Halogen Incandescent, (1) 90W lamp		1	90	90
H90/2	H90	Halogen Incandescent, (2) 90W lamp		2	90	180
HLV50/1	H50/LV	Halogen, (1) Low Voltage MR16 lamp		1	50	60
<i>HPS</i>		<i>High Pressure Sodium Fixtures</i>				
HPS100/1	HPS100	High Pressure Sodium, (1) 100W lamp		1	100	138
HPS1000/1	HPS1000	High Pressure Sodium, (1) 1000W lamp		1	1000	1100
HPS150/1	HPS150	High Pressure Sodium, (1) 150W lamp		1	150	188
HPS200/1	HPS200	High Pressure Sodium, (1) 200W lamp		1	200	250
HPS250/1	HPS250	High Pressure Sodium, (1) 250W lamp		1	250	295
HPS310/1	HPS310	High Pressure Sodium, (1) 310W lamp		1	310	365
HPS35/1	HPS35	High Pressure Sodium, (1) 35W lamp		1	35	46
HPS350/1/OCS	HPS350	High Pressure Sodium, (1) 350W lamp		1	350	405
HPS360/1	HPS360	High Pressure Sodium, (1) 360W lamp		1	360	414
HPS400/1	HPS400	High Pressure Sodium, (1) 400W lamp		1	400	465
HPS50/1	HPS50	High Pressure Sodium, (1) 50W lamp		1	50	66
HPS70/1	HPS70	High Pressure Sodium, (1) 70W lamp		1	70	95
<i>I</i>		<i>Standard Incandescent Fixtures</i>				
I100/1	I100	Incandescent, (1) 100W lamp		1	100	100
I100/2	I100	Incandescent, (2) 100W lamp		2	100	200
I100/3	I100	Incandescent, (3) 100W lamp		3	100	300
I100/4	I100	Incandescent, (4) 100W lamp		4	100	400
I100/5	I100	Incandescent, (5) 100W lamp		5	100	500
I1000/1	I1000	Incandescent, (1) 1000W lamp		1	1000	1000
I100E/1	I100/ES	Incandescent, (1) 100W ES lamp		1	90	90

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
I100EL/1	I100/ES/LL	Incandescent, (1) 100W ES/LL lamp		1	90	90
I110/1	I110	Incandescent, (1) 110W lamp		1	110	110
I116/1	I116	Incandescent, (1) 116W lamp		1	116	116
I120/1	I120	Incandescent, (1) 120W lamp		1	120	120
I120/1	I120	Incandescent, (1) 120W lamp		1	120	120
I120/2	I120	Incandescent, (2) 120W lamp		2	120	240
I125/1	I125	Incandescent, (1) 125W lamp		1	125	125
I130/1	I130	Incandescent, (1) 130W lamp		1	130	130
I135/1	I135	Incandescent, (1) 135W lamp		1	135	135
I135/2	I135	Incandescent, (2) 135W lamp		2	135	270
I15/1	I15	Incandescent, (1) 15W lamp		1	15	15
I15/2	I15	Incandescent, (2) 15W lamp		2	15	30
I150/1	I150	Incandescent, (1) 150W lamp		1	150	150
I150/2	I150	Incandescent, (2) 150W lamp		2	150	300
I150/3	I150	Incandescent, (3) 150W lamp		3	150	450
I1500/1	I1500	Incandescent, (1) 1500W lamp		1	1500	1500
I150E/1	I150/ES	Incandescent, (1) 150W ES lamp		1	135	135
I150EL/1	I150/ES/LL	Incandescent, (1) 150W ES/LL lamp		1	135	135
I160/1	I160	Incandescent, (1) 160W lamp		1	160	160
I170/1	I170	Incandescent, (1) 170W lamp		1	170	170
I20/1	I20	Incandescent, (1) 20W lamp		1	20	20
I20/2	I20	Incandescent, (2) 20W lamp		2	20	40
I200/1	I200	Incandescent, (1) 200W lamp		1	200	200
I200/2	I200	Incandescent, (2) 200W lamp		2	200	400
I2000/1	I2000	Incandescent, (1) 2000W lamp		1	2000	2000

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
I200/L1	I200/LL	Incandescent, (1) 200W LL lamp		1	200	200
I25/1	I25	Incandescent, (1) 25W lamp		1	25	25
I25/2	I25	Incandescent, (2) 25W lamp		2	25	50
I25/4	I25	Incandescent, (4) 25W lamp		4	25	100
I25/6	I25	Incandescent, (6) 25W lamps		6	25	150
I250/1	I250	Incandescent, (1) 250W lamp		1	250	250
I30/1	I30	Incandescent, (1) 30W lamp		1	30	30
I300/1	I300	Incandescent, (1) 300W lamp		1	300	300
I300/4	I300	Incandescent, (4) 300W lamps		4	300	1200
I34/1	I34	Incandescent, (1) 34W lamp		1	34	34
I34/2	I34	Incandescent, (2) 34W lamp		2	34	68
I36/1	I36	Incandescent, (1) 36W lamp		1	36	36
I40/1	I40	Incandescent, (1) 40W lamp		1	40	40
I40/2	I40	Incandescent, (2) 40W lamp		2	40	80
I400/1	I400	Incandescent, (1) 400W lamp		1	400	400
I40E/1	I40/ES	Incandescent, (1) 40W ES lamp		1	34	34
I40EL/1	I40/ES/LL	Incandescent, (1) 40W ES/LL lamp		1	34	34
I42/1	I42	Incandescent, (1) 42W lamp		1	42	42
I448/1	I448	Incandescent, (1) 448W lamp		1	448	448
I45/1	I45	Incandescent, (1) 45W lamp		1	45	45
I50/1	I50	Incandescent, (1) 50W lamp		1	50	50
I50/2	I50	Incandescent, (2) 50W lamp		2	50	100
I500/1	I500	Incandescent, (1) 500W lamp		1	500	500
I52/1	I52	Incandescent, (1) 52W lamp		1	52	52
I52/2	I52	Incandescent, (2) 52W lamp		2	52	104

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
I54/1	I54	Incandescent, (1) 54W lamp		1	54	54
I54/2	I54	Incandescent, (2) 54W lamp		2	54	108
I55/1	I55	Incandescent, (1) 55W lamp		1	55	55
I55/2	I55	Incandescent, (2) 55W lamp		2	55	110
I60/1	I60	Incandescent, (1) 60W lamp		1	60	60
I60/2	I60	Incandescent, (2) 60W lamp		2	60	120
I60/3	I60	Incandescent, (3) 60W lamp		3	60	180
I60/4	I60	Incandescent, (4) 60W lamp		4	60	240
I60/5	I60	Incandescent, (5) 60W lamp		5	60	300
I60E/1	I60/ES	Incandescent, (1) 60W ES lamp		1	52	52
I60EL/1	I60/ES/LL	Incandescent, (1) 60W ES/LL lamp		1	52	52
I60EL/2	I60/ES/LL	Incandescent, (2) 60W ES/LL lamp		2	52	104
I65/1	I65	Incandescent, (1) 65W lamp		1	65	65
I65/1	I65	Incandescent, (1) 65W lamp		1	65	65
I65/2	I65	Incandescent, (2) 65W lamp		2	65	130
I67/1	I67	Incandescent, (1) 67W lamp		1	67	67
I67/2	I67	Incandescent, (2) 67W lamp		2	67	134
I67/3	I67	Incandescent, (3) 67W lamp		3	67	201
I69/1	I69	Incandescent, (1) 69W lamp		1	69	69
I7.5/1	I7.5	Tungsten exit light, (1) 7.5 W lamp, used in night light application		1	7.5	8
I7.5/2	I7.5	Tungsten exit light, (2) 7.5 W lamp, used in night light application		2	7.5	15
I72/1	I72	Incandescent, (1) 72W lamp		1	72	72
I75/1	I75	Incandescent, (1) 75W lamp		1	75	75
I75/2	I75	Incandescent, (2) 75W lamp		2	75	150

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
I75/3	I75	Incandescent, (3) 75W lamp		3	75	225
I75/4	I75	Incandescent, (4) 75W lamp		4	75	300
I750/1	I750	Incandescent, (1) 750W lamp		1	750	750
I75E/1	I75/ES	Incandescent, (1) 75W ES lamp		1	67	67
I75EL/1	I75/ES/LL	Incandescent, (1) 75W ES/LL lamp		1	67	67
I80/1	I80	Incandescent, (1) 80W lamp		1	80	80
I85/1	I85	Incandescent, (1) 85W lamp		1	85	85
I90/1	I90	Incandescent, (1) 90W lamp		1	90	90
I90/2	I90	Incandescent, (2) 90W lamp		2	90	180
I90/3	I90	Incandescent, (3) 90W lamp		3	90	270
I93/1	I93	Incandescent, (1) 93W lamp		1	93	93
I95/1	I95	Incandescent, (1) 95W lamp		1	95	95
I95/2	I95	Incandescent, (2) 95W lamps		2	95	190
LED		<i>LED Traffic Signal Fixtures</i>				
LED12GA	LED 12" Green Arrow	LED Traffic Signal Light, 12" Green Arrow		1	8	8
LED12GB	LED 12" Green Ball	LED Traffic Signal Light, 12" Green Ball		1	12	12
LED12RA	LED 12" Red Arrow	LED Traffic Signal Light, 12" Red Arrow		1	7	7
LED12RB	LED 12" Red Ball	LED Traffic Signal Light, 12" Red Ball		1	10	10
LED12YA	LED 12" Yellow Arrow	LED Traffic Signal Light, 12" Yellow Arrow		1	9	9
LED12YB	LED 12" Yellow Ball	LED Traffic Signal Light, 12" Yellow Ball		1	17	17
LED8GB	LED 8" Green Ball	LED Traffic Signal Light, 8" Green Ball		1	8	8

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
LED8RB	LED 8" Red Ball	LED Traffic Signal Light, 8" Red Ball		1	6	6
LED8YB	LED 8" Yellow Ball	LED Traffic Signal Light, 8" Yellow Ball		1	12	12
LEDPH1600	Overlay Outline Hand	LED P(edestrian), H(and), in 16" x 18" enclosure, O(overlay), O(ulline)		1	8	8
LEDPH160F	Overlay Filled Hand	LED P(edestrian), H(and), in 16" x 18" enclosure, O(overlay), F(illed)		1	9	9
LEDPP1600	Overlay Outline Person	LED, P(edestrian), P(erson), in 16" x 18" Enclosure, O(overlay), O(ulline)		1	8	8
LEDPP160F	Overlay Filled Person	LED, P(edestrian), P(erson), in 16" x 18" Enclosure, O(overlay), F(illed)		1	8	8
LEDPH1200	Overlay Outline Hand	LED, P(edestrian), H(and), in 12" x 12" enclosure, O(overlay), O(ulline)		1	8	8
LEDPH120F	Overlay Filled Hand	LED, P(edestrian), H(and), in 12" x 12" enclosure, O(overlay), F(illed)		1	8	8
LEDPP1200	Overlay Outline Person	LED, P(edestrian), P(erson), 12" x 12" enclosure, O(overlay), O(ulline)		1	6	6
LEDPP120F	Overlay Filled Person	LED, P(edestrian), P(erson), in 12" x 12" enclosure, O(overlay), F(illed)		1	7	7
LEDPH16SO	Side by Side Outline Hand	LED P(edestrian), H(and), one half of 16" x 18" enclosure, S(ide by side), O(ulline)		1	6	6
LEDPH16SF	Side by Side Filled Hand	LED P(edestrian), H(and), one half of 16" x 18" enclosure, S(ide by side), F(illed)		1	11	11
LEDPP16SO	Side by Side Outline Person	LED, P(edestrian), P(erson), one half of 16" x 18" enclosure, S(ide by side), O(ulline)		1	7	7
LEDPP16SF	Side by Side Filled Person	LED, P(edestrian), P(erson), one half of 16" x 18" enclosure, S(ide by side), F(illed)		1	8	8
LEDPCOUNT	Countdown Led	LED, P(edestrian), COUNT(down timer) (Side by Side or dedicated fixture)		1	7	7

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
LEDPH12SF	Side by Side Filled Hand	LED, P(edestrian), H(and), one half of 12" x 12" enclosure. S(ide by Side), F(illed)		1	7	7
LEDPP12SO	Side by Side Outline Person	LED, P(edestrian), P(erson), one half of 12" x 12" enclosure. S(ide by Side), O(uline)		1	4	4
NEONMPH	Neon	NEON M(agnetic transformer) P(edestrian) H(and)		1	45	45
NEONMPP	Neon	NEON M(agnetic transformer) P(edestrian) P(erson)		1	38	38
NEONMPDW	Neon	NEON M(agnetic transformer) P(edestrian) D(ont)W(alk)		1	81	81
NEONEPP	Neon	NEON E(lectronic ballast) P(edestrian) P(erson)		1	26	26
NEONEPH	Neon	NEON E(lectronic ballast) P(edestrian) H(and)		1	26	26
<i>MH</i>		<i>Metal Halide Fixtures</i>				
CHM50 /1-SCWA	CMH50	Ceramic Metal Halide, (1) 50W lamp, Super SCWA ballast	SCWA-Magn	1	50	68
CMH100 /1-L	CMH100	Ceramic Metal Halide, (1) 100W lamp, Electronic Ballast	Electronic	1	100	109
CMH100 /1-SCWA	CMH100	Ceramic Metal Halide, (1) 100W lamp, Super SCWA ballast	SCWA-Magn	1	100	125
CMH150 /1-L	CMH150	Ceramic Metal Halide, (1) 150W lamp, Electronic Ballast	Electronic	1	150	166
CMH150 /1-SCWA	CMH150	Ceramic Metal Halide, (1) 150W lamp, Super SCWA ballast	SCWA-Magn	1	150	189
CMH20 /1-L	CMPS20	Ceramic Metal Halide, (1) 20W lamp, Electronic Ballast	Electronic	1	20	26
CMH250 /1-LR	CMH250	Ceramic Metal Halide, (1) 250W lamp, Linear Reactor ballast (277V)	LR-Magn	1	250	272
CMH250 /1-SCWA	CMH250	Ceramic Metal Halide, (1) 250W lamp, Super SCWA ballast	SCWA-Magn	1	250	288
CMH300 /1-LR	CMH300	Ceramic Metal Halide, (1) 300W lamp, Linear	LR-Magn	1	300	324

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Reactor ballast (277V)				
CMH300 /1-SCWA	CMH300	Ceramic Metal Halide, (1) 300W lamp, Super SCWA ballast	SCWA-Magn	1	300	342
CMH320 /1-LR	CMH320	Ceramic Metal Halide, (1) 320W lamp, Linear Reactor ballast (277V)	LR-Magn	1	320	342
CMH320 /1-SCWA	CMH320	Ceramic Metal Halide, (1) 320W lamp, Super SCWA ballast	SCWA-Magn	1	320	370
CMH39 /1-L	CMH39	Ceramic Metal Halide, (1) 39W lamp, Electronic Ballast	Electronic	1	39	45
CMH39 /1-SCWA	CMH39	Ceramic Metal Halide, (1) 39W lamp, Super SCWA ballast	SCWA-Magn	1	39	45
CMH400 /1-LR	CMH400	Ceramic Metal Halide, (1) 400W lamp, Linear Reactor ballast (277V)	LR-Magn	1	400	425
CMH400 /1-SCWA	CMH400	Ceramic Metal Halide, (1) 400W lamp, Super SCWA ballast	SCWA-Magn	1	400	455
CMH70 /1-L	CMH70	Ceramic Metal Halide, (1) 70W lamp, Electronic	Electronic	1	70	79
CMH70 /1-SCWA	CMH70	Ceramic Metal Halide, (1) 70W lamp, Super SCWA ballast	SCWA-Magn	1	70	90
MH100/1	MH100	Metal Halide, (1) 100W lamp	CWA- Magn.	1	100	128
MH1000/1	MH1000	Metal Halide, (1) 1000W lamp	CWA- Magn.	1	1000	1080
MH1000P/1-SCWA	MHPS1000	Pulse Start Metal Halide, (1) 1000W lamp, Super CWA ballast	SCWA-Magn	1	1000	1080
MH100P/1	MHPS100	Pulse Start Metal Halide, (1) 100W lamp, CWA ballast	SCWA-Magn	1	100	125
MH100P/1-L	MH100	Metal Halide, (1) 100W lamp, electronic ballast	Electronic	1	100	112
MH100P/1-L	MHP100	Pulse Start Metal Halide, (1) 100W lamp, UNV Electronic Ballast	Electronic	1	100	110
MH150/1	MH150	Metal Halide, (1) 150W lamp	CWA- Magn.	1	150	190
MH1500/1	MH1500	Metal Halide, (1) 1500W lamp	CWA- Magn.	1	1500	1610

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
MH150P/1	MHPS150	Pulse Start Metal Halide, (1) 150W lamp, CWA ballast	SCWA-Magn	1	150	189
MH150P/1-L	MH150	Metal Halide, (1) 150W lamp, electronic ballast	Electronic	1	150	168
MH150P/1-LR	MHPS150	Pulse Start Metal Halide, (1) 150W lamp, Linear Reactor ballast (277V only)	LR-Magn	1	150	173
MH1650/1	MH1650	Metal Halide, (1) 1650W lamp	CWA- Magn.	1	1650	1770
MH175/1	MH175	Metal Halide, (1) 175W lamp	CWA- Magn.	1	175	215
MH175P/1	MHPS175	Pulse Start Metal Halide, (1) 175W lamp, Super CWA ballast	SCWA-Magn	1	175	208
MH175P/1-L	MH175	Pulse Start Metal Halide, (1) 175W lamp, electronic ballast	Electronic	1	175	191
MH175P/1-LR	MHPS175	Pulse Start Metal Halide, (1) 175W lamp, Linear Reactor ballast (277V only)	LR-Magn	1	175	194
MH2000/1	MH2000	Metal Halide, (1) 2000W lamp	CWA- Magn.	1	2000	2140
MH200P/1-L	MHPS200	Pulse Start Metal Halide, (1) 200W lamp, Electronic Ballast	Electronic	1	200	219
MH200P/1-LR	MHPS200	Pulse Start Metal Halide, (1) 200W lamp, Linear Reactor ballast (277V only)	LR-Magn	1	200	218
MH200P/1-RLB	MHPS200	Pulse Start Metal Halide, (1) 200W lamp, Regulated Lag ballast	RL-Magn	1	200	244
MH200P/1-SCWA	MHPS200	Pulse Start Metal Halide, (1) 200W lamp, Super CWA ballast	SCWA-Magn	1	200	232
MH20P/1-L	MHPS20	Pulse Start Metal Halide, (1) 20W lamp, UNV Electronic Ballast	Electronic	1	20	26
MH250/1	MH250	Metal Halide, (1) 250W lamp	CWA- Magn.	1	250	295
MH250P/1-LR	MHPS250	Pulse Start Metal Halide, (1) 250W lamp, Linear Reactor ballast (277V only)	LR-Magn	1	250	272
MH250P/1-RLB	MHPS250	Pulse Start Metal Halide, (1) 250W lamp, Regulated Lag ballast	RL-Magn	1	250	298
MH250P/1-SCWA	MHPS250	Pulse Start Metal Halide, (1) 250W lamp, Super CWA ballast	SCWA-Magn	1	250	288

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
MH300P/1-LR	MHPS300	Pulse Start Metal Halide, (1) 300W lamp, Linear Reactor ballast (277V only)	LR-Magn	1	300	324
MH300P/1-SCWA	MHPS300	Pulse Start Metal Halide, (1) 300W lamp, Super CWA ballast	SCWA-Magn	1	300	342
MH32/1	MH32	Metal Halide, (1) 32W lamp	CWA- Magn.	1	32	43
MH320P/1-L	MHPS320	Pulse Start Metal Halide, (1) 320W lamp, Electronic Ballast	Electronic	1	320	345
MH320P/1-LR	MHPS320	Pulse Start Metal Halide, (1) 320W lamp, Linear Reactor ballast (277V only)	LR-Magn	1	320	342
MH320P/1-SCWA	MHPS320	Pulse Start Metal Halide, (1) 320W lamp, Super CWA ballast	SCWA-Magn	1	320	370
MH350P/1-L	MHPS350	Pulse Start Metal Halide, (1) 350W lamp, Electronic Ballast	Electronic	1	350	375
MH350P/1-LR	MHPS350	Pulse Start Metal Halide, (1) 350W lamp, Linear Reactor ballast (277V only)	LR-Magn	1	350	375
MH350P/1-SCWA	MHPS350	Pulse Start Metal Halide, (1) 350W lamp, Super CWA ballast	SCWA-Magn	1	350	400
MH360/1	MH360	Metal Halide, (1) 360W lamp	CWA- Magn.	1	360	418
MH39P/1-L	MH53/39	Metal Halide, (1) 35/39W lamp, UNV electronic ballast	Electronic	1	39	45
MH400/1	MH400	Metal Halide, (1) 400W lamp	CWA- Magn.	1	400	458
MH400/2	MH400	Metal Halide, (2) 400W lamp	CWA- Magn.	2	400	916
MH400P/1-L	MHPS400	Pulse Start Metal Halide, (1) 400W lamp, Electronic Ballast	Electronic	1	400	425
MH400P/1-LR	MHPS400	Pulse Start Metal Halide, (1) 400W lamp, Linear Reactor ballast (277V only)	LR-Magn	1	400	425
MH400P/1-RLB	MHPS400	Pulse Start Metal Halide, (1) 400W lamp, Regulated Lag ballast	RL-Magn	1	400	467
MH400P/1-SCWA	MHPS400	Pulse Start Metal Halide, (1) 400W lamp, Super CWA ballast	SCWA-Magn	1	400	455
MH450P/1-LR	MHPS450	Pulse Start Metal Halide, (1) 450W lamp, Linear	LR-Magn	1	450	485

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Reactor ballast (277V only)				
MH450P/1-RLB	MHPS450	Pulse Start Metal Halide, (1) 450W lamp, Regulated Lag ballast	RL-Magn	1	450	530
MH450P/1-SCWA	MHPS450	Pulse Start Metal Halide, (1) 450W lamp, SCWA ballast	SCWA-Magn	1	450	514
MH50/1	MH50	Metal Halide, (1) 50W lamp	CWA- Magn.	1	50	72
MH50P/1	MHPS50	Pulse Start Metal Halide, (1) 50W lamp, CWA ballast	SCWA-Magn	1	50	68
MH50P/1-L	MH50	Metal Halide, (1) 50W lamp, UNV Electronic Ballast	Electronic	1	50	55
MH70/1	MH70	Metal Halide, (1) 70W lamp	CWA- Magn.	1	70	95
MH70P/1	MHPS70	Pulse Start Metal Halide, (1) 70W lamp, CWA ballast	SCWA-Magn	1	70	90
MH70P/1-L	MH70	Metal Halide, (1) 70W lamp, UNV Electronic Ballast	Electronic	1	70	80
MH750/1	MH750	Metal Halide, (1) 750W lamp	CWA- Magn.	1	750	850
MH750P/1-SCWA	MHPS750	Pulse Start Metal Halide, (1) 750W lamp, Super CWA ballast	SCWA-Magn	1	750	818
MH875P/1-SCWA	MHPS875	Pulse Start Metal Halide, (1) 875W lamp, Super CWA ballast	SCWA-Magn	1	875	940
MV		Mercury Vapor Fixtures				
MV100/1	MV100	Mercury Vapor, (1) 100W lamp	CWA-Magn.	1	100	125
MV1000/1	MV1000	Mercury Vapor, (1) 1000W lamp	CWA-Magn.	1	1000	1100
MV160/1	MV160-SB	Mercury Vapor, Self-Ballasted, (1) 160W self-ballasted lamp	CWA-Magn.	1	160	160
MV175/1	MV175	Mercury Vapor, (1) 175W lamp	CWA-Magn.	1	175	205
MV250/1	MV250	Mercury Vapor, (1) 250W lamp	CWA-Magn.	1	250	290
MV40/1	MV40	Mercury Vapor, (1) 40W lamp	CWA-Magn.	1	40	50
MV400/1	MV400	Mercury Vapor, (1) 400W lamp	CWA-Magn.	1	400	455

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
MV400/2	MV400	Mercury Vapor, (2) 400W lamp	CWA-Magn.	2	400	810
MV50/1	MV50	Mercury Vapor, (1) 50W lamp	CWA-Magn.	1	50	74
MV700/1	MV700	Mercury Vapor, (1) 700W lamp	CWA-Magn.	1	700	780
MV75/1	MV75	Mercury Vapor, (1) 75W lamp	CWA-Magn.	1	75	93
<i>Removed</i>		<i>Removed Fixture</i>				
Removed	None	Fixture completely removed from service		0	0	0
<i>Occupancy Controlled Fixtures (Deemed control savings calculated for multi ballast/multi step HID fixtures at 60% full, 40% half power)</i>						
F44ILU/2-H/OCS	F32T8	Fluorescent, (4) 48", T-8 lamp, (2) Prog.S Ballast, HLO (BF=.96-1.1); OCC Control - 80% full light/ 20% off	ElectronicPS	4	32	123
F46ILU/2-H/OCS	F32T8	Fluorescent, (6) 48", T-8 lamp, (2) Prog.S Ballast, HLO (BF=.98-1.1)- 80% full light/ 20% off	ElectronicPS	6	32	178
F44ILU/2/OCS	Prem.F32T8	Fluorescent, (4) 48", T-8 lamp, (2) Premium PS/PRS Ballast, NLO (BF= 0.87-0.88) - 80% full light/ 20% off	Prem. PRS	4	32	108
F46ILU/2/OCS	Prem.F32T8	Fluorescent, (6) 48", T-8 lamp, (2) Premium PS/PRS Ballast, NLO (BF= 0.87-0.88) - 80% full light/ 20% off	Prem. PRS	6	32	131
F44ILU/2-R/OCS	Prem.F32T8	Fluorescent, (4) 48", T-8 lamp, Premium PS/PRS Ballast, RLO (BF= 0.77-0.78)- 80% full light/ 20% off	Prem. PRS	4	32	76
F46ILU/2-R/OCS	Prem.F32T8	Fluorescent (6) 48" T8 lamp, Premium PS/PRS, RLO (BF= 0.77-0.78), (2) 3-Lamp Ballasts- 80% full light/ 20% off	Prem. PRS	6	32	117
F44PLH/2-H/OCS	F54T5HO	Fluorescent, (4) 45.8", T-5 high-output lamps, HLO(BF=1.00), (2) Programmed Rapid Start Ballasts - 80% full light/ 20% off	PRS	4	54	207
F46PLH/2-H/OCS	F54T5HO	Fluorescent, (6) 45.8", T-5 high-output lamps, HLO(BF=1.00), (2) Programmed Rapid Start Ballasts - 80% full light/ 20% off	PRS	6	54	281
HPS1000/1/OCS	HPS1000	High Pressure Sodium, (1) 1000W lamp, BI-Level	CWA-Magn.	1	1000	880

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Control @60%FL, 40% Dimmed				
HPS100/1/OCS	HPS100	High Pressure Sodium, (1) 100W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	100	110
HPS150/1/OCS	HPS150	High Pressure Sodium, (1) 150W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	150	150
HPS200/1/OCS	HPS200	High Pressure Sodium, (1) 200W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	200	200
HPS250/1/OCS	HPS250	High Pressure Sodium, (1) 250W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	250	236
HPS350/1/OCS	HPS350	High Pressure Sodium, (1) 350W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	350	324
HPS400/1/OCS	HPS400	High Pressure Sodium, (1) 400W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	400	374
HPS50/1/OCS	HPS50	High Pressure Sodium, (1) 50W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	50	53
HPS70/1/OCS	HPS70	High Pressure Sodium, (1) 70W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	70	76
MH1000/1-CWA/OCS	MH1000	Metal Halide, (1) 1000W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	1000	864
MH100/1-CWA/OCS	MH100	Metal Halide, (1) 100W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	100	102
MH175/1-CWA/OCS	MH175	Metal Halide, (1) 175W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	175	172
MH250/1-CWA/OCS	MH250	Metal Halide, (1) 250W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	250	236
MH320/1-CWA/OCS	MH320	Metal Halide, (1) 320W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	320	276
MH400/1-CWA/OCS	MH400	Metal Halide, (1) 400W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	400	366
MH70/1-CWA/OCS	MH70	Metal Halide, (1) 70W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	70	76
MHPS150/1-LR/OCS	MHPS150	Pulse Start Metal Halide, (1) 150W lamp, Linear	LR-Mag	1	150	139

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
		Reactor ballast (277V only); Bi-Level Control @60%FL, 40% Dimmed				
MHPS175/1-LR/OCS	MHPS175	Pulse Start Metal Halide, (1) 175W lamp, Linear Reactor ballast (277V only); Bi-Level Control @60%FL, 40% Dimmed	LR-Mag	1	175	155
MHPS250/1-LR/OCS	MHPS250	Pulse Start Metal Halide, (1) 250W lamp, Linear Reactor ballast (277V only); Bi-Level Control @60%FL, 40% Dimmed	LR-Mag	1	250	220
MHPS300/1-LR/OCS	MHPS300	Pulse Start Metal Halide, (1) 300W lamp, Linear Reactor ballast (277V only); Bi-Level Control @60%FL, 40% Dimmed	LR-Mag	1	300	259
MHPS320/1-LROCS	MHPS320	Pulse Start Metal Halide, (1) 320W lamp, Linear Reactor ballast (277V only); Bi-Level Control @60%FL, 40% Dimmed	LR-Mag	1	320	274
MHPS350/1-LR/OCS	MHPS350	Pulse Start Metal Halide, (1) 350W lamp, Linear Reactor ballast (277V only); Bi-Level Control @60%FL, 40% Dimmed	LR-Mag	1	350	300
MHPS400/1-LR/OCS	MHPS400	Pulse Start Metal Halide, (1) 400W lamp, Linear Reactor ballast (277V only); Bi-Level Control @60%FL, 40% Dimmed	LR-Mag	1	400	340
MHPS450/1-LR/OCS	MHPS450	Pulse Start Metal Halide, (1) 450W lamp, Linear Reactor ballast (277V only); Bi-Level Control @60%FL, 40% Dimmed	LR-Mag	1	450	388
MHPS750/1-SCWA/OCS	MHPS750	Pulse Start Metal Halide, (1) 750W lamp, Linear Reactor ballast (277V only); Bi-Level Control @60%FL, 40% Dimmed	LR-Mag	1	750	654
MV1000/1/OCS	MV1000	Mercury Vapor, (1) 1000W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	1000	880
MV100/1/OCS	MV100	Mercury Vapor, (1) 100W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	100	102
MV175/1/OCS	MV175	Mercury Vapor, (1) 175W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	175	164
MV400/1/OCS	MV400	Mercury Vapor, (1) 400W lamp; Bi-Level Control @60%FL, 40% Dimmed	CWA-Magn.	1	400	364

FIXTURE CODE	LAMP CODE	DESCRIPTION	BALLAST	LAMP /FIXT	WATT/L AMP	WATT/FIXT (Regulation)
MV50/1/OCS	MV50	Mercury Vapor, (1) 50W lamp; Bi-Level Control @80%FL, 40% Dimmed	CWA-Magn.	1	50	59

Appendix B.

Lighting Fixture Legend

<p>Sample Linear Fluorescent Fixture Code:</p> <p>F4ILLXT4-R</p> <ul style="list-style-type: none"> F: Fixture Type 4: NUMBER OF LAMPS (4 lamps) ILL: LAMP LENGTH (4 feet) X: CONFIGURATION (letter) Tandem Wired T: BALLAST TYPE (Electronic ballast) 4: CONFIGURATION (number) 4 lamps on 9W ballast R: BALLAST LIGHT OUTPUT (Reduced light output) 	<p>Sample Compact Fluorescent Code:</p> <p>CFQ18/1-L</p> <ul style="list-style-type: none"> CF: FIXTURE TYPE (Compact Fluorescent, Quad tube) 18: NOMINAL LAMP WATTAGE (18 W) 1: NUMBER OF LAMPS (1 Lamp Fixture) L: BALLAST TYPE (electronic, normal light output)
<p>F44IELL-VR</p> <ul style="list-style-type: none"> F: Fixture Type (Fluorescent) 4: Number of Lamps 4: Lamp Length (4 feet) I: Ballast Type (Electronic Instant Start) E: Ballast Type (Electronic Instant Start) L: Lamp Type (Reduced voltage T8 (30W lamp)) L: Lamp Type (Reduced voltage T8 (30W lamp)) V: Ballast Light Output (Very low light output (BF<0.75)) R: Ballast Light Output (Very low light output (BF<0.75)) 	<p>F82EHS</p> <ul style="list-style-type: none"> F: Fixture Type (Fluorescent) 8: NUMBER OF LAMPS 2: Lamp Length (2 feet) E: LAMP TYPE (Energy Saver High Output - 95W) H: BALLAST TYPE (Standard Magnetic) S: BALLAST TYPE (Standard Magnetic)
<p>F43IRLU-V</p> <ul style="list-style-type: none"> F: Fixture Type (Fluorescent) 4: Number of Lamps 3: Lamp Length (4 feet) I: Ballast Type (Electronic (Premium GE Ultramax) Instant Start) R: Ballast Type (Electronic (Premium GE Ultramax) Instant Start) L: Lamp Type (Reduced voltage T8 (28W lamp)) U: Lamp Type (Reduced voltage T8 (28W lamp)) V: Ballast Light Output (Very High Light Output (BF=1.18)) 	<p>LEDPH16OF</p> <ul style="list-style-type: none"> LED: LED Traffic Signal P: Signal Type (Pedestrian Hand) H: Signal Type (Pedestrian Hand) 16: Enclosure Size (16" X 16") O: LED Layout (Filled or Outline) F: LED Layout (Filled or Outline)

Code Explanations

Fixture Type	
CF	Compact Fluorescent
CFD	Compact Fluorescent, double-D Shape
CFM	Compact Fluorescent, Multi tube
CFT	Compact Fluorescent, Twin tube (including "Biaxial" fixtures)
CFQ	Compact Fluorescent, Quad tube
ECF	Exit sign, Compact Fluorescent
EF	Exit sign, linear Fluorescent (T5, T1)
EI	Exit sign, Incandescent
ELED	Exit sign, LED
F	Fluorescent, linear
FC	Fluorescent, Circine
FU	Fluorescent, U-tube
H	Halogen incandescent
HLV	Halogen Low Voltage
HPS	High Pressure Sodium
I	Incandescent
LED	Light Emitting Diode (LED) traffic signal
MH	Metal Halide
MV	Mercury Vapor
Lamp Type	
<i>for fluorescent fixtures</i>	
A	"F25T12" type—25 watt, 4 ft, T12 lamp
B	T5 "Biaxial" twin tube for compact fluorescent
L	T8, bipin, for Instant Start or Rapid Start ballast
E	T12, bipin, EPACT energy efficient
EH	T12, EPACT, High output lamp (800mA)
EI	T12, EPACT, 4ft or 8ft, single pin Instant start lamp
EL	T8, energy efficient 4 ft, 30 watt
EV	T12, EPACT, Very high output (1500mA)
P	T5, linear, 2-5ft lengths (eg. Sylvania Pentron)
PH	T5, linear high output lamp (eg. Sylvania Pentron HO 54W T5)
RL	T8 lamp, 28W
S	T12, bipin, Standard wattage
SI	T12, Standard, single pin, Instant start lamp
SH	T12, Standard, High output lamp
SV	T12, Standard, Very high output lamp
T	T10 lamp
VL	T8 Lamp, Very Low output, energy saver, 4-ft, 25W
<i>for LED traffic signals</i>	
12GA	12" Green Arrow
12RA	12" Red Arrow
12RB	12" Red Ball
8GB	8" Green Ball
8RB	8" Red Ball
PH	Pedestrian Hand signal (ex. LEDPH16OO)
PP	Pedestrian Person signal (ex. LEDPP12SP)
F	Filled fixture (ex. LEDPH16OE)
O	Overlay (ex. LEDPH16OF)
Q	Outline fixture (ex. LEDPH16OQ)
S	Side by Side fixture (ex. LEDPH16SO)
NEON	NEON illuminated sign, magnetic or electronic ballast

Ballast Type

for fluorescent fixtures

IXL	electronic, Instant start (x = lamp code)
xL	electronic, rapid start (x = lamp code)
S	Standard magnetic
E	EPACT Energy efficient magnetic
U	Ultra Premium ballast (HEN, Ultra, etc.)

For Metal Halide HID fixtures

CWA	Constant Wattage Autotransformer -magnetic
RL	Regulated Log -magnetic
LR	Linear Reactor - magnetic
L	electronic low frequency (w/PS or CMD lamps)

Configuration [letter]

T	Tandem wired fixture
D	Delamped fixture, i.e. some lamps permanently removed but ballasts remain and are energized

Configuration [number]

for de-lamped fixtures

Number signifies the number of energized ballasts in a delamped fixture: e.g. An "F42EE/D2" is an "F44EE" with two lamps removed and two energized ballasts, or it could signify an "F43EE" with one lamp removed and two energized ballasts. The configuration code cannot differentiate between energized ballasts controlling no (0) lamps and those controlling one or two lamps for the examples cited eg. An F42EE/D2 can be set up to have one ballast controlling two lamps and one energized ballast controlling no lamps, or both ballasts control one lamp each.

for tandem wired ballasts

Number signifies the total number of lamps being run by the ballast: e.g. An "F42LL/T4" would indicate that a four-lamp ballast is wired to run two two-lamp fixtures.

with no preceding letter

Number indicates the number of ballasts in an ambiguous multiple ballast fixture: e.g. An "F43LL/2" indicates a three-lamp fixture with two instant start ballasts (as is often the case if there is A/B switching).

Ballast Light Output (ballast factors are approximate ranges)

R	Reduced light output (0.80<BF<0.85)
H	High light output (0.95<BF<1.1)
V	Very high light output (BF>1.1)
VR	Very Reduced light output (BF<0.80)
No Character	Normal Light Output (0.85<BF<0.95)

Notes

- 1) The column labeled Watts/Fixture in the data table includes ballast loads.
- 2) The fixture wattage values represent an average value, rounded to the nearest whole watt.
- 3) Ultra-Premium Ballasts (Designated with a "U") listed at actual ballast factor
- 4) T8 lamps are now available in three energy savings wattages, EL lamps are rated at 30W (F32T8WM); RL lamps are rated at 28W, VL lamps are rated at 25W - currently available from GE with the Ultramax Lamp and Ballast system, Osram/Sylvania with a variety of IS ballasts, and 25W from Philips on IS ballasts.
- 5) Pedestrian signal fixture wattage only refers to wattage of the particular phase - ie Pedestrian Person phase may be different than Pedestrian Hand for an Overlay type fixture.

Appendix C. Heating and Cooling Degree Days (65°F Base)

Station Name	State	Heating Base (°F)	Cooling Base (°F)
ALICIA	AR	3768	1937
ALUM FORK	AR	3631	1569
ARKADELPHIA 2 N	AR	2672	2044
ARKANSAS POST	AR	2839	2087
BATESVILLE LIVE	AR	3297	1918
BATESVILLE L&D	AR	3970	1631
BEEDEVILLE 4 NE	AR	3520	1829
BENTON	AR	3278	1748
BENTONVILLE 4 S	AR	4483	1269
BLAKELY MOUNTAIN	AR	3575	1548
BLUE MOUNTAIN D	AR	3416	1909
BLYTHEVILLE	AR	3544	1979
BOONEVILLE 3 SS	AR	3171	1960
BRINKLEY	AR	3456	1827
CABOT 4 SW	AR	3470	1699
CALICO ROCK 2 W	AR	4336	1251
CALION LOCK & D	AR	2853	1999
CAMDEN 1	AR	2872	1973
CLARENDON	AR	3491	1854
CLARKSVILLE	AR	3804	1648
CONWAY	AR	3320	1961
CORNING	AR	3958	1711
CROSSETT 2 SSE	AR	3030	1788
DARDANELLE	AR	3221	1882
DEER	AR	5001	912
DEQUEEN	AR	3198	1860
DERMOTT 3 NE	AR	2886	2105
DES ARC	AR	3266	2027
DUMAS	AR	2697	2159
EL DORADO S AZ ELD	AR	2580	2127
EUDORA	AR	2574	2291
EUREKA SPRINGS	AR	3851	1520
EVENING SHADE 1	AR	4095	1535
FAYETTEVILLE EX FYV	AR	4166	1439
FORDYCE	AR	3374	1618
FORT SMITH RGNL FSM	AR	3437	1929
GILBERT	AR	3670	1578
GRAVETTE	AR	3923	1515
GREENBRIER	AR	3857	1587

Station Name	State	Heating Base (°F)	Cooling Base (°F)
GREERS FERRY DA	AR	3808	1616
HARRISON BOONE HRO	AR	4063	1443
HECTOR 2 SSW	AR	3599	1591
HELENA	AR	3120	2098
HOPE 3 NE	AR	3093	1834
HOT SPRINGS 1 N	AR	3133	1993
HUNTSVILLE 1 SS	AR	3944	1381
JONESBORO 4 N	AR	3737	1858
KEISER	AR	3655	1829
KEO	AR	2932	2010
LEAD HILL	AR	4372	1439
LEOLA	AR	2959	1893
LITTLE ROCK ADA LIT	AR	3084	2086
MAGNOLIA	AR	2876	1859
MALVERN	AR	2989	1846
MAMMOTH SPRING	AR	4319	1331
MARIANNA 2 S	AR	3409	1867
MARSHALL	AR	3897	1533
MENA	AR	3649	1463
MONTICELLO 3 SW	AR	2937	1960
MORRILTON	AR	3614	1701
MOUNT IDA 3 SE	AR	3854	1417
MOUNTAINBURG 2	AR	3347	1683
MOUNTAIN HOME 1	AR	4249	1413
MOUNTAIN VIEW	AR	3848	1571
MURFREESBORO 5	AR	3455	1648
NASHVILLE	AR	3087	1879
NEWPORT	AR	3490	1967
NIMROD DAM	AR	3594	1712
NORTH LITTLE RO	AR	2980	2196
OKAY	AR	2543	2180
OZARK	AR	3679	1739
PARAGOULD 1 S	AR	3872	1725
PINE BLUFF	AR	2935	2099
POCAHONTAS 1	AR	4037	1641
PORTLAND	AR	2847	2079
PRESCOTT	AR	2976	1947
ROHWER 2 NNE	AR	2979	2023
SAINT CHARLES	AR	3123	1984
SEARCY	AR	3655	1726
SHERIDAN	AR	3282	1813
SILOAM SPRINGS	AR	4283	1373

Station Name	State	Heating Base (°F)	Cooling Base (°F)
SPARKMAN	AR	3127	1908
STAMPS	AR	2694	2031
STUTT GART 9 ESE	AR	3103	2073
SUBIACO	AR	3366	1763
TEXARKANA WEBB	AR	2421	2280
WALDRON	AR	3272	1751
WARREN 2 WSW	AR	3032	1877
WEST MEMPHIS	AR	3417	1903
WYNNE	AR	3715	1722

Appendix D.

Abbreviated Steam Tables

Saturated Steam Tables - h = btu/lb F				
Steam psig	Saturated Temperature	Heat of the Liquid h_f	Latent Heat h_{fg}	Heat of the Saturated Vapor h_g
0	212	180	970	1,150
1	215	183	969	1,152
5	227	196	961	1,156
10	240	209	950	1,161
15	250	218	946	1,164
20	259	228	938	1,168
25	267	236	935	1,170
30	274	243	928	1,173
35	281	250	925	1,175
40	287	256	919	1,176
50	298	267	911	1,180
60	308	278	905	1,183
70	316	287	898	1,185
75	320	290	896	1,186
80	324	295	892	1,187
90	331	302	887	1,189
100	338	309	882	1,190
110	344	316	876	1,192
125	353	325	869	1,195
130	356	328	867	1,196
140	361	333	862	1,196
150	366	339	858	1,197
160	371	344	854	1,198
170	375	348	850	1,198
175	377	351	848	1,199
180	380	353	846	1,199
190	384	358	842	1,200
200	388	362	838	1,201
225	397	372	830	1,202
250	406	381	821	1,203
275	414	391	813	1,204
300	421	398	806	1,204
325	429	407	798	1,205
350	436	414	791	1,205
375	442	421	784	1,205
400	448	428	778	1,205

Information extracted from <http://www.boilerroom.com> website