



GROTON UTILITIES

Bozrah Light & Power Company

EXISTING ENERGY EFFICIENT LIGHTING RETROFITS - WATTAGE TABLE

Lamp Series	Code	Lamp Type-Ballast	Watts	No. of Lamps	No. of Ballasts
F54T5HO	1	1F54T5HO HIGH-BAY	61	1	1
F54T5HO	2	2F54T5HO HIGH-BAY	126	2	1
F54T5HO	3	3F54T5HO HIGH-BAY	186	3	1
F54T5HO	4	4F54T5HO HIGH-BAY	234	4	2
F54T5HO	5	6F54T5HO HIGH-BAY	354	6	2
F17T8 series	6	1F17T8-ELEC	18	1	1
F17T8 series	7	2F17T8-ELEC	36	2	1
F17T8 series	8	3F17T8-ELEC	53	3	1
F17T8 series	9	4F17T8-ELEC	62	4	1
F25T8 series	10	1F25T8-ELEC	24	1	1
F25T8 series	11	2F25T8-ELEC	47	2	1
F25T8 series	12	3F25T8-ELEC	74	3	1
F25T8 series	13	4F25T8-ELEC	88	4	1
F32T8 series	14	1F32T8-HIMAG	37	1	1
F32T8 series	15	2F32T8-HIMAG	70	2	1
F32T8 series	16	3F32T8-HIMAG	107	3	2
F32T8 series	17	4F32T8-HIMAG	140	4	2
F32T8 series	18	1F32T8-ELEC	32	1	1
F32T8 series	19	2F32T8-ELEC	60	2	1
F32T8 series	20	3F32T8-ELEC	88	3	1
F32T8 series	21	4F32T8-ELEC	112	4	1
F32T8 series	22	2F32T8-ELEC-HILUMEN	78	2	1
F32T8 series	23	4F32T6-ELEC-HILUMEN	156	4	1
F40T8 series	24	1F40T8-ELEC	44	1	1
F40T8 series	25	2F40T8-ELEC	84	2	1
F40T8 series	26	3F40T8-ELEC	108	3	1
F40T8 series	27	4F40T8-ELEC	168	4	2
F96T8 series	28	1F96T6-ELEC	60	1	1
F96T8 series	29	2F96T8-ELEC	109	2	1
F96T8 series	30	3F96T8-ELEC	169	3	2
F96T8 series	31	4F96T8-ELEC	218	4	2
F96T8 series	32	2F96T8HO-ELEC	160	2	1
F40T10 series	33	1F40T10-ELEC	39	1	1
F40T10 series	34	2F40T10-ELEC	74	2	1
F40T10 series	35	3F40T10-ELEC	112	3	1
F40T10 series	36	4F40T10-ELEC	148	4	2
F40T12 series	37	1F40T12/40W-STD	53	1	1
F40T12 series	38	2F40T12/40W-STD	88	2	1
F40T12 series	39	3F40T12/40W-STD	136	3	2
F40T12 series	40	4F40T12/40W-STD	176	4	2
F40T12 series	41	6F40T12/40W-STD	264	6	3
F40T12 series	42	1F40T12/34W-STD	48	1	1
F40T12 series	43	2F40T12/34W-STD	80	2	1
F40T12 series	44	3F40T12/34W-STD	131	3	2
F40T12 series	45	4F40T12/34W-STD	160	4	2
F40T12 series	46	6F40T12/34W-STD	240	6	3
F40T12 series	47	1F40T12/34W-HIMAG	40	1	1



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F40T12 series	48	2F40T12/34W-HIMAG	70	2	1
F40T12 series	49	3F40T12/34W-HIMAG	109	3	2
F40T12 series	50	4F40T12/34W-HIMAG	139	4	2
F40T12 series	51	6F40T12/34W-HIMAG	210	6	3
F40T12 series	52	1F40T12/34W-ELEC	36	1	1
F40T12 series	53	2F40T12/34W-ELEC	60	2	1
F40T12 series	54	3F40T12/34W-ELEC	90	3	1
F40T12 series	55	4F40T12/34W-ELEC	120	4	2
F40T12 series	56	6F40T12/34W-ELEC	180	6	2
F30T12 series	57	1F30T12/30W-STD	46	1	1
F30T12 series	58	2F30T12/30W-STD	80	2	1
F30T12 series	59	3F30T12/30W-STD	140	3	2
F30T12 series	60	1F30T12/25W-STD	42	1	1
F30T12 series	61	2F30T12/25W-STD	73	2	1
F30T12 series	62	3F30T12/25W-STD	127	3	2
F30T12 series	63	1F30T12/25W-HIMAG	38	1	1
F30T12 series	64	2F30T12/25W-HIMAG	66	2	1
F30T12 series	65	2F30T12/25W-ELEC	49	2	1
F20T12 series	66	1F20T12-STD	32	1	1
F20T12 series	67	2F20T12-STD	56	2	1
F20T12 series	68	3F20T12-STD	78	3	2
F20T12 series	69	4F20T12-STD	112	4	2
F20T12 series	70	6F20T12-STD	168	6	3
F96T12 series	71	1F96T12/75W-STD	100	1	1
F96T12 series	72	2F96T12/75W -STD	173	2	1
F96T12 series	73	3F96T12/75W-STD	273	3	2
F96T12 series	74	4F96T12/75W-STD	346	4	2
F96T12 series	75	2F96T12/75W-HIMAG	156	2	1
F96T12 series	76	4F96T12/75W-HIMAG	314	4	2
F96T12 series	77	2F96T12/75W-ELEC	134	2	1
F96T12 series	78	4F96T12/75W-ELEC	268	4	2
F96T12 series	79	1F96T12/60W-STD	83	1	1
F96T12 series	80	2F96T12/60W-STD	138	2	1
F96T12 series	81	3F96T12/60W-STD	221	3	2
F96T12 series	82	4F96T12/60W-STD	276	4	2
F96T12 series	83	1F96T12/60W-HIMAG	63	1	1
F96T12 series	84	2F96T12/60W-HIMAG	123	2	1
F96T12 series	85	3F96T12/60W-HIMAG	186	3	2
F96T12 series	86	4F96T12/60W-HIMAG	246	4	2
F96T12 series	87	1F96T12/60W-ELEC	60	1	1
F96T12 series	88	2F96T12/60W-ELEC	108	2	1
F96T12 series	89	3F96T12/60W-ELEC	168	3	2
F96T12 series	90	4F96T12/60W-ELEC	216	4	2
F24T12 series	91	2F24T12/HO-STD	85	2	1
F48T12 series	92	1F48T12/HO-STD	85	1	1
F48T12 series	93	2F48T12/HO-STD	145	2	1
F48T12 series	94	3F48T12/HO-STD	230	3	2
F48T12 series	95	4F48T12/HO-STD	290	4	2



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Lamp Series	Code	Lamp Type-Ballast	Watts	No. of Lamps	No. of Ballasts
F72T12 series	96	1F72T12/HO-STD	80	1	1
F72T12 series	97	2F72T12/HO-STD	135	2	1
F72T12 series	98	3F72T12/HO-STD	215	3	2
F72T12 series	99	4F72T12/HO-STD	270	4	2
F96T12 series	100	1F96T12/110W-STD	135	1	1
F96T12 series	101	2F96T12/110W-STD	257	2	1
F96T12 series	102	3F96T12/110W-STD	392	3	1
F96T12 series	103	4F96T12/110W-STD	514	4	2
F96T12 series	104	2F96T12/110W-HIMAG	237	2	1
F96T12 series	105	4F96T12/110W-HIMAG	474	4	2
F96T12 series	106	2F96T12/110W-ELEC	195	2	1
F96T12 series	107	4F96T12/110W-ELEC	390	4	2
F96T12 series	108	1F96T12/95W-STD	125	1	1
F96T12 series	109	2F96T12/95W-STD	227	2	1
F96T12 series	110	3F96T12/95W-STD	352	3	2
F96T12 series	111	4F96T12/95W-STD	454	4	2
F96T12 series	112	1F96T12/95W -HIMAG	110	1	1
F96T12 series	113	2F96T12/95W -HIMAG	205	2	1
F96T12 series	114	3F96T12/95W -HIMAG	315	3	2
F96T12 series	115	4F96T12/95W -HIMAG	410	4	2
F96T12 series	116	1F96T12/95W-ELEC	100	1	1
F96T12 series	117	2F96T12/95W-ELEC	160	2	1
F96T12 series	118	3F96T12/95W-ELEC	260	3	2
F96T12 series	119	4F96T12/95W-ELEC	320	4	2
F48T12 series	120	1F48T12VHO-STD	138	1	1
F48T12 series	121	2F48T12VHO-STD	240	2	1
F48T12 series	122	3F48T12VHO-STD	378	3	2
F48T12 series	123	4F48T12VHO-STD	480	4	2
F72T12 series	124	1F72T12VHO-STD	123	1	1
F72T12 series	125	2F72T12VHO-STD	210	2	1
F72T12 series	126	3F72T12VHOSTD	333	3	2
F72T12 series	127	4F72T12VHO-STD	420	4	2
F96T12 series	128	1F96T12/215W-STD	230	1	1
F96T12 series	129	2F96T12/215W-STD	450	2	1
F96T12 series	130	3F96T12/215W-STD	680	3	2
F96T12 series	131	4F96T12/215W-STD	900	4	2
F96T12 series	132	1F96T12/195W-STD	200	1	1
F96T12 series	133	2F96T12/195W-STD	390	2	1
F96T12 series	134	3F96T12/195W-STD	590	3	2
F96T12 series	135	4F96T12/195W-STD	780	4	2
F72T12 series	136	1F72T12-8TD	78	1	1
F72T12 series	137	2F72T12-STD	135	2	1
F72T12 series	138	3F72T12-STD	192	3	2
F72T12 series	139	4F72T12-STD	270	4	2
F72T12 series	140	1F72T12-HIMAG	57	1	1
F72T12 series	141	2F72T12-HIMAG	112	2	1
F72T12 series	142	3F72T12-HIMAG	169	3	2
F72T12 series	143	4F72T12-HIMAG	224	4	2



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Lamp Series	Code	Lamp Type-Ballast	Watts	No. of Lamps	No. of Ballasts
F72T12 series	144	1F72T12-ELEC	66	1	1
F72T12 series	145	2F72T12-ELEC	103	2	1
F72T12 series	146	3F72T12-ELEC	169	3	2
F72T12 series	147	4F72T12-ELEC	206	4	2
F48T12 series	148	1F48T12/40W-STD	60	1	1
F48T12 series	149	2F48T12/40W-STD	102	2	1
F48T12 series	150	3F48T12/40W-STD	162	3	2
F48T12 series	151	4F48T12/40W-STD	204	4	2
F48T12 series	152	1F48T12/30W-STD	50	1	1
F48T12 series	153	2F48T12/30W-STD	62	2	1
F48T12 series	154	3F48T12/30W-STD	132	3	2
F48T12 series	155	4F48T12/30W-STD	164	4	2
Compact Fluorescents	156	HW-Compact Fluor/5W	7		
Compact Fluorescents	157	HW-Compact Fluor/7W	9		
Compact Fluorescents	158	HW-Compact Fluor/9W	11		
Compact Fluorescents	159	HW-Compact Fluor/1 3W	15		
Compact Fluorescents	160	HW-Compact Fluor/1 8W	20		
Compact Fluorescents	161	HW-Compact Fluor/26W	28		
Compact Fluorescents	162	Si-Compact Fluor/5W	7		
Compact Fluorescents	163	Si-Compact Fluor/7W	9		
Compact Fluorescents	164	Si-Compact Fluor/9W	11		
Compact Fluorescents	165	Si-Compact Fluor/13W	15		
Compact Fluorescents	166	Si-Compact Fluor/1 8W	20		
Compact Fluorescents	167	Si-Compact Fluor/26W	28		
Metal Halide	168	MHalide32W	40		
Metal Halide	169	MHalide50W	65		
Metal Halide	170	MHalide70W	95		
Metal Halide	171	MHalide100W	125		
Metal Halide	172	MHalide150W	192		
Metal Halide	173	MHalide175W	205		
Metal Halide	174	MHalide250W	295		
Metal Halide	175	MHalide400W	455		
Metal Halide	176	MHalide750W	825		
Metal Halide	177	MHalide1000W	1100		
Metal Halide	178	MHalide1500W	1615		
Metal Halide	179	MHalide1800W	1875		
HP Sodium	180	HPS35W	45		
HP Sodium	181	HPS50W	63		
HP Sodium	182	HPS70W	90		
HP Sodium	183	HPS100W	125		
HP Sodium	184	HPS150W	175		
HP Sodium	185	HPS200W	240		
HP Sodium	186	HPS250W	295		
HP Sodium	187	HPS310W	350		
HP Sodium	188	HPS360W	435		
HP Sodium	189	HPS400W	460		
HP Sodium	190	HPS600W	675		
HP Sodium	191	HPS750W	835		



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Lamp Series	Code	Lamp Type-Ballast	Watts	No. of Lamps	No. of Ballasts
HP Sodium	192	HPS1000W	1085		
Mercury Vapor	193	MVapor/50W	75		
Mercury Vapor	194	MVapor75W	95		
Mercury Vapor	195	MVapor100W	120		
Mercury Vapor	196	MVapor175W	205		
Mercury Vapor	197	MVapor250W	285		
Mercury Vapor	198	MVapor400W	455		
Mercury Vapor	199	MVapor(2)400W	880		
Mercury Vapor	200	MVapor700W	775		
Mercury Vapor	201	MVapor1000W	1075		
LP Sodium	202	LPSodium/18W	30		
LP Sodium	203	LPSodium/35W	60		
LP Sodium	204	LPSodium/55W	85		
LP Sodium	205	LPSodium/90W	125		
LP Sodium	206	LPSodium/135W	178		
LP Sodium	207	LPSodium/180W	220		
Incandescents - Exit Sign	208	1 1NC/1 5 W	15		
Incandescents - Exit Sign	209	2INC/15W	30		
TubularIncand-Inter Base	210	1TUBE/15W	15		
TubularIncand-Inter Base	211	2TUBE/15W	30		
Coated T61/2-Exit Sign	212	1TUBE/20W	20		
Coated T61/2-Exit Sign	213	2TUBE/20W	40		
Coated A19-Med Base	214	1 1NC/25 W	25		
Coated A19-Med Base	215	2INC/25W	50		
Coated T61/2-Inter Base	216	1TUBB25W	25		
Coated T61 /2-Inter Base	217	2TUBE/25W	50		
Reflector-Inter Base	218	1R14/25W	25		
Reflector-Inter Base	219	2R14/25W	50		
Reflector-Med Base	220	1R20/30W	30		
Reflector-Mad Base	221	2R20/30W	60		
Coated A19-Med Base	222	1INC/34W	34		
Coated A19-Med Base	223	2INC/34W	68		
Coated A19-Med Base	224	3INC/34W	102		
Coated A19-Med Base	225	4INC/34W	136		
Coated A19-Med Base	226	1INC/40W	40		
Coated A19-Med Base	227	2INC/40W	80		
Coated A19-Med Base	228	3INC/40W	120		
Coated A19-Med Base	229	4INC/40W	160		
Coated T1 0-Med Base	230	1TUBE/40W	40		
Coated T1 0-Med Base	231	2TUBE/40W	80		
Halogen Par 16	232	1PAR16/40W-HALO	40		
Par 38 Halogen	233	1INC/45W-PAR38	45		
Par 38 Halogen	234	2INC/45W-PAR38	90		
Par 38 Halogen	235	3INC/45W-PAR38	135		

Par 38 Halogen	236	4INC/45W-PAR38	180		
Reflector-Med Base	237	1R20/50W	50		
Reflector-Med Base	238	2R20/50W	100		
Ellipsoidal Reflector	239	1ER30MED/50W	50		

Lamp Series	Code	Lamp Type-Ballast	Watts	No. of Lamps	No. of Ballasts
Ellipsoidal Reflector	240	2ER30MED/50W	100		
Coated A19-Med Base	241	1INC/52W	50		
Coated A19-Med Base	242	2INC/52W	100		
Coated A19-Med Base	243	3INC/52W	150		
Coated A19-Med Base	244	4INC/52W	200		
Coated A19-Med Base	245	1INC/60W	60		
Coated A19-Med Base	246	2JNC/60W	120		
Coated A19-Med Base	247	3INC/60W	180		
Coated A19-Ued Base	248	4INC/60W	240		