

Lighting Input Wattage Guide

Please use this Input Wattage Guide to calculate Custom lighting incentives for the Bright Energy Solutions® (BES) program. Actual fixture wattages may vary slightly depending on manufacturer, fixture type and installation. BES reserves the right to adjust wattages at any time without notice.

T8 Fluorescent (with NEMA Premium Electronic Ballasts)

Description	Lamps	Watts	Description	Lamps	Watts	Description	Lamps	Watts
F17T8 2' 17W NLO	1	17	F25T8 4' 25W VHLO	6	184	F32T8 4' 32W VHLO	2	73
F17T8 2' 17W NLO	2	30	F28T8 4' 28W NLO	1	25	F32T8 4' 32W NLO	3	81
F17T8 2' 17W NLO	3	45	F28T8 4' 28W VHLO	1	35	F32T8 4' 32W VHLO	3	108
F17T8 2' 17W NLO	4	57	F28T8 4' 28W NLO	2	48	F32T8 4' 32W NLO	4	107
F25T8 4' 25W NLO	1	23	F28T8 4' 28W VHLO	2	65	F32T8 4' 32W VHLO	4	146
F25T8 4' 25W VHLO	1	32	F28T8 4' 28W NLO	3	72	F32T8 4' 32W VHLO	6	218
F25T8 4' 25W NLO	2	43	F28T8 4' 28W VHLO	3	96	F96T8 8' 59W NLO	1	67
F25T8 4' 25W VHLO	2	60	F28T8 4' 28W NLO	4	94	F96T8 8' 59W NLO	2	107
F25T8 4' 25W NLO	3	64	F28T8 4' 28W VHLO	4	131	F96T8 8' 59W NLO	3	179
F25T8 4' 25W VHLO	3	93	F28T8 4' 28W VHLO	6	194	F96T8 8' 59W NLO	4	219
F25T8 4' 25W NLO	4	85	F32T8 4' 32W NLO	1	28	F96T8—RW 8' 54W	1	61
F25T8 4' 25W VHLO	4	110	F32T8 4' 32W NLO	2	54	F96T8-RW 8' 54W	2	93

NLO = Normal Light Output (0.85 < BF < 0.95); VHLO = Very High Light Output (BF > 1.1)

T5 Fluorescent (with Programmable Start Ballasts)

Description	Lamps	Watts	Description	Lamps	Watts	Description	Lamps	Watts
F28T5 46" 28W	1	33	F54T5/HO 46" 54W	1	64	F54T5/HO 46" 54W	6	362
F28T5 46" 28W	2	63	F54T5/HO 46" 54W	2	117	F54T5/HO 46" 54W	8	460
F28T5 46" 28W	3	96	F54T5/HO 46" 54W	3	181	F54T5/HO 46" 54W	10	577
F28T5 46" 28W	4	126	F54T5/HO 46" 54W	4	234	F54T5/HO 46" 54W	12	690

Compact Fluorescent Lamps 4-pin

Description	Lamps	Watts	Description	Lamps	Watts
Compact Fluorescent, Multi, 4-pin 13W	1	16	Compact Fluorescent, Multi, 4-pin 26W	1	29
Compact Fluorescent, Multi, 4-pin 13W	2	30	Compact Fluorescent, Multi, 4-pin 26W	2	51
Compact Fluorescent, Multi, 4-pin 15W	1	18	Compact Fluorescent, Multi, 4-pin 28W	1	31
Compact Fluorescent, Multi, 4-pin 18W	1	20	Compact Fluorescent, Multi, 4-pin 32W	1	35
Compact Fluorescent, Multi, 4-pin 18W	2	40	Compact Fluorescent, Multi, 4-pin 42W	1	46
Compact Fluorescent, Multi, 4-pin 21W	1	23	Compact Fluorescent, Multi, 4-pin 42W	2	93

T12 Fluorescent Lamps (NOTE: Incentives must be based on allowed wattage, not actual wattage.)

Description	Lamps	ALLOWED WATTAGE	Actual Wattage Standard Mag. Ballast	Actual Wattage Energy-Saving Mag. Ballast	Description	Lamps	ALLOWED WATTAGE	Actual Wattage Standard Mag. Ballast	Actual Wattage Energy-Saving Mag. Ballast
F15T12 18" 15W	1	11	19		F96T12 8' 60W	3	179		198
F15T12 18" 15W	2	22	36		F96T12 8' 60W	4	219		246
F20T12 2' 20W	1	17	25		F96T12/HO 8' 110W	1	121		121
F20T12 2' 20W	2	30	50		F96T12/HO 8' 110W	2	237		237
F20T12 2' 20W	3	45	71		F96T12/HO 8' 110W	3	319		319
F20T12 2' 20W	4	57	100		F96T12/HO 8' 110W	4	474		474
F30T12 3' 30W	1	21		37	F96T12/HO/ES 8' 95W	1	111		111
F30T12 3' 30W	2	42		74	F96T12/HO/ES 8' 95W	2	207		207
F30T12 3' 30W	3	63		120	F96T12/HO/ES 8' 95W	3	319		319
F30T12 3' 30W	4	84		148	F96T12/HO/ES 8' 95W	4	414		414
F30T12/ES 3' 25W	1	21		33	F96T12/VHO 8' 215W	1	230	230	
F30T12/ES 3' 25W	2	42		66	F96T12/VHO 8' 215W	2	440	440	
F30T12/ES 3' 25W	3	63		115	F96T12/VHO 8' 215W	3	670	670	
F30T12/ES 3' 25W	4	84		132	F96T12/VHO 8' 215W	4	880	880	
F40T12 4' 34W	1	28		43	F96T12/VHO/ES 8'	1	205	205	
F40T12 4' 34W	2	54		72	F96T12/VHO/ES 8'	2	380	380	
F40T12 4' 34W	3	73		115	F96T12/VHO/ES 8'	3	585	585	
F40T12 4' 34W	4	107		144	F96T12/VHO/ES 8'	4	760	760	
F96T12 8' 60W	1	67		75	F96T17—Grooved	1	235	235	
F96T12 8' 60W	2	107		123					

U-Tube Fluorescent (NOTE: Incentives must be based on allowed wattage, not actual wattage.)

Description	Lamps	Premium Electronic Ballast	Description	Lamps	ALLOWED WATTAGE	Actual Wattage Energy-Saving Magnetic Ballast
FT8 6" spacing 32W	1	29	F12/ES 6" spacing 35W	1	29	43
FT8 6" spacing 32W	2	55	F12/ES 6" spacing 35W	2	55	72
FT8 6" spacing 32W	3	81	F12/ES 6" spacing 35W	3	81	115

Metal Halide (Magnetic Ballasts)

Description	Lamps	Watts	Description	Lamps	Watts
MH 50W	1	64	MH 320W	1	362
MH 70W	1	91	MH 350W	1	391
MH 100W	1	124	MH 400W	1	453
MH 150W	1	183	MH 750W	1	812
MH 175W	1	208	MH 1000W	1	1078
MH 250 W	1	288			

High Pressure Sodium

Description	Lamps	Watts
HPS 50W	1	66
HPS 70W	1	95
HPS 250W	1	295
HPS 400W	1	465
HPS 750W	1	840
HPS 1000W	1	1100