

# 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	81		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