

Benton PUD - Common Lighting wattages

Fluorescent - Four Fixtures															
40 watt/magnetic standard ballast				34 watt/magnetic standard ballast			34 watt/magnetic energy efficient ballast			32 watt T8/electronic ballast					
Lamp		Ballast	Wattage	Lamp		Ballast	Wattage	Lamp		Ballast	Wattage	Lamp		Ballast	Wattage
No.	Designation			No.	Designation			No.	Designation			No.	Designation		
1	F40T12	Mag Std	52	1	F40T12	Mag Std	48	1	F40T12/ES	Mag EE	43	1	F32T8	Electronic	32
2	F40T12	Mag Std	96	2	F40T12	Mag Std	82	2	F40T12/ES	Mag EE	72	2	F32T8	Electronic	62
3	F40T12	Mag Std	148	3	F40T12	Mag Std	130	3	F40T12/ES	Mag EE	112	3	F32T8	Electronic	93
4	F40T12	Mag Std	192	4	F40T12	Mag Std	164	4	F40T12/ES	Mag EE	144	4	F32T8	Electronic	114
Fluorescent - U Tube (2ft)															
40 watt/magnetic energy efficient ballast				34 watt/magnetic energy efficient ballast			34 watt/electronic ballast			31 watt T8/electronic ballast					
Lamp		Ballast	Wattage	Lamp		Ballast	Wattage	Lamp		Ballast	Wattage	Lamp		Ballast	Wattage
No.	Designation			No.	Designation			No.	Designation			No.	Designation		
1	FB40T12	Mag EE	48	1	FB40T12/ES	Mag EE	43	1	FB40T12/ES	Mag EE	31	1	FB31T8	Electronic	31
2	FB40T12	Mag EE	86	2	FB40T12/ES	Mag EE	72	2	FB40T12/ES	Mag EE	59	2	FB31T8	Electronic	62
Fluorescent - Eight Foot Lamps															
75 watt/magnetic standard ballast				60 watt/magnetic standard ballast			60 watt/magnetic energy efficient ballast			60 watt T8/electronic ballast					
Lamp		Ballast	Wattage	Lamp		Ballast	Wattage	Lamp		Ballast	Wattage	Lamp		Ballast	Wattage
No.	Designation			No.	Designation			No.	Designation			No.	Designation		
1	F96T12	Mag Std	100	1	F96T12/ES	Mag Std	83	1	F96T12/ES	Mag EE	74	1	F96T8	Electronic	71
2	F96T12	Mag Std	173	2	F96T12/ES	Mag Std	138	2	F96T12/ES	Mag EE	123	2	F96T8	Electronic	115
3	F96T12	Mag Std	273	3	F96T12/ES	Mag Std	221	3	F96T12/ES	Mag EE	197	3	F96T8	Electronic	165
4	F96T12	Mag Std	346	4	F96T12/ES	Mag Std	246	4	F96T12/ES	Mag EE	246	4	F96T8	Electronic	220
Fluorescent - Eight Foot Lamps - High Output (HO)															
110 watt/magnetic standard ballast				110 watt/magnetic energy efficient ballast			95 watt/magnetic energy efficient ballast			95 watt T8/electronic ballast					
Lamp		Ballast	Wattage	Lamp		Ballast	Wattage	Lamp		Ballast	Wattage	Lamp		Ballast	Wattage
No.	Designation			No.	Designation			No.	Designation			No.	Designation		
1	F96T12/HO	Mag Std	140	1	F96T12/HO/ES	Mag EE	120	1	F96T12/HO/ES	Mag EE	104	1	F96T8/HO	Electronic	80
2	F96T12/HO	Mag Std	252	2	F96T12/HO/ES	Mag EE	237	2	F96T12/HO/ES	Mag EE	208	2	F96T8/HO	Electronic	160
3	F96T12/HO	Mag Std	392	3	F96T12/HO/ES	Mag EE	357	3	F96T12/HO/ES	Mag EE	312	3	F96T8/HO	Electronic	240
4	F96T12/HO	Mag Std	504	4	F96T12/HO/ES	Mag EE	474	4	F96T12/HO/ES	Mag EE	416	4	F96T8/HO	Electronic	320
High Pressure Sodium			Metal Halide			Fluorescent - Eight Foot Lamps - Very High Output (VHO)									
Lamp Size			Ballast	Wattage	Lamp Size		Ballast	Wattage	215 watt/T12 Very High Output		195 watt T12 Very High Output				
Lamp Size		No.			Designation	No.			Designation	No.	Designation	No.	Designation		
150 watt		magnetic	173	100 watt		magnetic	142	1	F96T12/VHO	Mag Std	230	1	F96T12?VHO/ES	Mag Std	200
200 watt		magnetic	240	175 watt		magnetic	210	2	F96T12/VHO	Mag Std	440	2	F96T12?VHO/ES	Mag Std	325
250 watt		magnetic	302	250 watt		magnetic	295	3	F96T12/VHO	Mag Std	670	3	F96T12?VHO/ES	Mag Std	525
400 watt		magnetic	469	400 watt		magnetic	461	4	F96T12/VHO	Mag Std	880	4	F96T12?VHO/ES	Mag Std	650
1000 watt		magnetic	1090	1000 watt		magnetic	1080								

Source: Oregon Non-residential Energy Code, Luminair Power, Table 5b, October 2000