

Sample Calculation of Monthly kWh for Billing of One Light Type Under Advanced Controls

	(1)	(2)	(3)	(4)	(5) = (3)*(4) / 1000	(6) = (5) / 12	(7)	(8) = (6) / (7)	(9) = (7) * (8)	(10) = (6) / (7)	(11) = (7)*(10)
			Expected Average Operating Wattage With	All-Night Service Annual Hours of Operation	All-Night Service Annual kWh	Step 1 Result All-Night Service Monthly kWh	All-Night Service Option Luminaire Monthly kWh Per Tariff	Percentage Monthly kWh to Tariff kWh Rounded To Nearest Whole	Step 2 Result Monthly kWh For Billing	Percentage Without Rounding	Step 2 Result Monthly kWh w/o Rounding
Line No.	Luminaire	Watts	Advanced Controls	Per the Tariff	kWh	kWh					
1	LED Area Light Fixture	35	1	4,150	4.15	0.35	12.00	3.0%	0.36	2.9%	0.35
2	LED Area Light Fixture	35	2	4,150	8.30	0.69	12.00	6.0%	0.72	5.8%	0.69
3	LED Area Light Fixture	35	3	4,150	12.45	1.04	12.00	9.0%	1.08	8.6%	1.04
4	LED Area Light Fixture	35	4	4,150	16.60	1.38	12.00	12.0%	1.44	11.5%	1.38
5	LED Area Light Fixture	35	5	4,150	20.75	1.73	12.00	14.0%	1.68	14.4%	1.73
6	LED Area Light Fixture	35	6	4,150	24.90	2.08	12.00	17.0%	2.04	17.3%	2.08
7	LED Area Light Fixture	35	7	4,150	29.05	2.42	12.00	20.0%	2.40	20.2%	2.42
8	LED Area Light Fixture	35	8	4,150	33.20	2.77	12.00	23.0%	2.76	23.1%	2.77
9	LED Area Light Fixture	35	9	4,150	37.35	3.11	12.00	26.0%	3.12	25.9%	3.11
10	LED Area Light Fixture	35	10	4,150	41.50	3.46	12.00	29.0%	3.48	28.8%	3.46
11	LED Area Light Fixture	35	11	4,150	45.65	3.80	12.00	32.0%	3.84	31.7%	3.80
12	LED Area Light Fixture	35	12	4,150	49.80	4.15	12.00	35.0%	4.20	34.6%	4.15
13	LED Area Light Fixture	35	13	4,150	53.95	4.50	12.00	37.0%	4.44	37.5%	4.50
14	LED Area Light Fixture	35	14	4,150	58.10	4.84	12.00	40.0%	4.80	40.3%	4.84
15	LED Area Light Fixture	35	15	4,150	62.25	5.19	12.00	43.0%	5.16	43.2%	5.19
16	LED Area Light Fixture	35	16	4,150	66.40	5.53	12.00	46.0%	5.52	46.1%	5.53
17	LED Area Light Fixture	35	17	4,150	70.55	5.88	12.00	49.0%	5.88	49.0%	5.88
18	LED Area Light Fixture	35	18	4,150	74.70	6.23	12.00	52.0%	6.24	51.9%	6.23
19	LED Area Light Fixture	35	19	4,150	78.85	6.57	12.00	55.0%	6.60	54.8%	6.57
20	LED Area Light Fixture	35	20	4,150	83.00	6.92	12.00	58.0%	6.96	57.6%	6.92
21	LED Area Light Fixture	35	21	4,150	87.15	7.26	12.00	61.0%	7.32	60.5%	7.26
22	LED Area Light Fixture	35	22	4,150	91.30	7.61	12.00	63.0%	7.56	63.4%	7.61
23	LED Area Light Fixture	35	23	4,150	95.45	7.95	12.00	66.0%	7.92	66.3%	7.95
24	LED Area Light Fixture	35	24	4,150	99.60	8.30	12.00	69.0%	8.28	69.2%	8.30
25	LED Area Light Fixture	35	25	4,150	103.75	8.65	12.00	72.0%	8.64	72.0%	8.65
26	LED Area Light Fixture	35	26	4,150	107.90	8.99	12.00	75.0%	9.00	74.9%	8.99
27	LED Area Light Fixture	35	27	4,150	112.05	9.34	12.00	78.0%	9.36	77.8%	9.34
28	LED Area Light Fixture	35	28	4,150	116.20	9.68	12.00	81.0%	9.72	80.7%	9.68
29	LED Area Light Fixture	35	29	4,150	120.35	10.03	12.00	84.0%	10.08	83.6%	10.03
30	LED Area Light Fixture	35	30	4,150	124.50	10.38	12.00	86.0%	10.32	86.5%	10.38
31	LED Area Light Fixture	35	31	4,150	128.65	10.72	12.00	89.0%	10.68	89.3%	10.72
32	LED Area Light Fixture	35	32	4,150	132.80	11.07	12.00	92.0%	11.04	92.2%	11.07
33	LED Area Light Fixture	35	33	4,150	136.95	11.41	12.00	95.0%	11.40	95.1%	11.41
34	LED Area Light Fixture	35	34	4,150	141.10	11.76	12.00	98.0%	11.76	98.0%	11.76