

## Energy Consumption

Project Name Proposed Residential Development at Edmonstown REV D  
Project Number 21092  
Dimming Profile U14

Proposed Installation							
Lantern	Connected Load ~ W	Quantity	Burn Hours Annum	kW/h per Annum	Cost per kW/h	Annual Cost	
13.0 klm luminaire	69	2	2350	324	€ 0.158	€51.24	<b>FP Dim</b>
	52	2	1710	177	€ 0.158	€27.96	
11.5 klm luminaire	63	7	2350	1036	€ 0.158	€163.74	<b>FP Dim</b>
	47	7	1710	566	€ 0.158	€89.36	
10.0 klm luminaire	56	9	2350	1184	€ 0.158	€187.14	<b>FP Dim</b>
	42	9	1710	646	€ 0.158	€102.13	
4.6 klm luminaire	27	7	2350	444	€ 0.158	€70.18	<b>FP Dim</b>
	20	7	1710	242	€ 0.158	€38.30	
5.4 klm luminaire	32	2	2350	150	€ 0.158	€23.76	<b>FP Dim</b>
	24	2	1710	82	€ 0.158	€12.97	
2.4 klm luminaire	14	32	2350	1053	€ 0.158	€166.34	<b>FP Dim</b>
	11	32	1710	575	€ 0.158	€90.78	
1.0 klm luminaire	6	37	2350	522	€ 0.158	€82.43	<b>FP Dim</b>
	5	37	1710	285	€ 0.158	€44.98	
3.6 klm luminaire	21	3	2350	148	€ 0.158	€23.39	<b>FP Dim</b>
	16	3	1710	81	€ 0.158	€12.77	

3.0 klm luminaire	17	9	2350	360	€ 0.158	€56.81	<b>FP Dim</b>
	13	9	1710	196	€ 0.158	€31.00	
2.2 klm luminaire	13	7	2350	214	€ 0.158	€33.79	<b>FP Dim</b>
	10	7	1710	117	€ 0.158	€18.44	
5.2 klm luminaire	30	5	2350	353	€ 0.158	€55.70	<b>FP Dim</b>
	23	5	1710	192	€ 0.158	€30.40	
0.27 klm luminaire	5	3	2350	35	€ 0.158	€5.57	<b>FP Dim</b>
	4	3	1710	19	€ 0.158	€3.04	
12.0 klm luminaire	70	2	2350	329	€ 0.158	€51.98	<b>FP Dim</b>
	53	2	1710	180	€ 0.158	€28.37	

**Total Annual Energy Cost** €1,502.56

**Total Annual Energy Consumption (kW/h)** 9509.89