

LAMPIRAN

- Tabel Biaya Komulatif Antara Lampu HPS 70W dan Lampu LED 80W

Investasi	Lampu HPS		Lampu LED	
	Rp1.435.000.000,00		Rp3.034.000.000,00	
Tahun Ke-	Biaya operasional	Biaya Perawatan	Biaya operasional	Biaya Perawatan
1	Rp 238.706.894,58		Rp 272.807.879,52	
Total	Rp 1.673.706.894,58		Rp 3.306.807.879,52	
2	Rp 238.706.894,58		Rp 272.807.879,52	
Total	Rp 1.912.413.789,16		Rp 3.579.615.759,04	
3	Rp 238.706.894,58		Rp 272.807.879,52	
Total	Rp 2.151.120.683,74		Rp 3.852.423.638,56	
4	Rp 238.706.894,58		Rp 272.807.879,52	
Total	Rp 2.389.827.578,32		Rp 4.125.231.518,08	
5	Rp 238.706.894,58	Rp 1.545.902.545,57	Rp 272.807.879,52	
Total	Rp 4.174.437.018,47		Rp 4.398.039.397,60	
6	Rp 238.706.894,58		Rp 272.807.879,52	
Total	Rp 4.413.143.913,05		Rp 4.670.847.277,12	
7	Rp 238.706.894,58		Rp 272.807.879,52	
Total	Rp 4.651.850.807,63		Rp 4.943.655.156,64	
8	Rp 238.706.894,58		Rp 272.807.879,52	
Total	Rp 4.890.557.702,21		Rp 5.216.463.036,16	
9	Rp 238.706.894,58		Rp 272.807.879,52	
Total	Rp 5.129.264.596,79		Rp 5.489.270.915,68	
10	Rp 238.706.894,58	Rp 1.665.376.083,91	Rp 272.807.879,52	
Total	Rp 7.033.347.575,29		Rp 5.762.078.795,20	
11	Rp 238.706.894,58		Rp 272.807.879,52	
Total	Rp 7.272.054.469,87		Rp 6.034.886.674,72	
12	Rp 238.706.894,58		Rp 272.807.879,52	Rp 3.627.505.532,21
Total	Rp 7.510.761.364,45		Rp 9.935.200.086,45	
13	Rp 238.706.894,58		Rp 272.807.879,52	
Total	Rp 7.749.468.259,03		Rp 10.208.007.965,97	
14	Rp 238.706.894,58		Rp 272.807.879,52	
Total	Rp 7.988.175.153,61		Rp 10.480.815.845,49	
15	Rp 238.706.894,58	Rp 1.794.083.015,65	Rp 272.807.879,52	
Total	Rp 10.020.965.063,83		Rp 10.753.623.725,01	

Keterangan:

Label Kuning : Titik Pergantian Lampu

Label Merah : Titik Biaya Hemat Untuk LED

- Tabel Biaya Kumulatif Antara Lampu HPS 150W dan Lampu LED 200W

Investasi Awal	Lampu HPS		Lampu LED	
	Rp701.040.000,00		Rp2.514.600.000,00	
Tahun Ke-	Biaya operasional	Biaya Perawatan	Biaya operasional	Biaya Perawatan
1	Rp 237.667.230,41		Rp 316.889.640,54	
Total	Rp 938.707.230,41		Rp 2.831.489.640,54	
2	Rp 237.667.230,41		Rp 316.889.640,54	
Total	Rp 1.176.374.460,81		Rp 3.148.379.281,08	
3	Rp 237.667.230,41		Rp 316.889.640,54	
Total	Rp 1.414.041.691,22		Rp 3.465.268.921,62	
4	Rp 237.667.230,41		Rp 316.889.640,54	
Total	Rp 1.651.708.921,62		Rp 3.782.158.562,16	
5	Rp 237.667.230,41	Rp 755.219.178,08	Rp 316.889.640,54	
Total	Rp 2.644.595.330,11		Rp 4.099.048.202,70	
6	Rp 237.667.230,41		Rp 316.889.640,54	
Total	Rp 2.882.262.560,51		Rp 4.415.937.843,24	
7	Rp 237.667.230,41		Rp 316.889.640,54	
Total	Rp 3.119.929.790,92		Rp 4.732.827.483,78	
8	Rp 237.667.230,41		Rp 316.889.640,54	
Total	Rp 3.357.597.021,32		Rp 5.049.717.124,32	
9	Rp 237.667.230,41		Rp 316.889.640,54	
Total	Rp 3.595.264.251,73		Rp 5.366.606.764,86	
10	Rp 237.667.230,41	Rp 813.585.539,98	Rp 316.889.640,54	
Total	Rp 4.646.517.022,11		Rp 5.683.496.405,40	
11	Rp 237.667.230,41		Rp 316.889.640,54	
Total	Rp 4.884.184.252,51		Rp 6.000.386.045,94	
12	Rp 237.667.230,41		Rp 316.889.640,54	Rp 3.006.501.453,96
Total	Rp 5.121.851.482,92		Rp 9.323.777.140,44	
13	Rp 237.667.230,41		Rp 316.889.640,54	
Total	Rp 5.359.518.713,32		Rp 9.640.666.780,98	
14	Rp 237.667.230,41		Rp 316.889.640,54	
Total	Rp 5.597.185.943,73		Rp 9.957.556.421,52	
15	Rp 237.667.230,41	Rp 1.038.364.224,19	Rp 316.889.640,54	
Total	Rp 6.873.217.398,32		Rp 10.274.446.062,06	

Keterangan:

Label Kuning : Titik Pergantian Lampu

- Tabel Biaya Komulatif Antara Lampu HPS 250W dan Lampu LED 300W

Investasi Awal	Lampu HPS		Lampu LED	
	Rp133.650.000,00		Rp749.250.000,00	
Tahun Ke-	Biaya operasional	Biaya Perawatan	Biaya operasional	Biaya Perawatan
1	Rp 84.212.798,18		Rp 101.055.357,81	
Total	Rp 217.862.798,18		Rp 850.305.357,81	
2	Rp 84.212.798,18		Rp 101.055.357,81	
Total	Rp 302.075.596,35		Rp 951.360.715,62	
3	Rp 84.212.798,18		Rp 101.055.357,81	
Total	Rp 386.288.394,53		Rp 1.052.416.073,43	
4	Rp 84.212.798,18		Rp 101.055.357,81	
Total	Rp 470.501.192,70		Rp 1.153.471.431,24	
5	Rp 84.212.798,18	Rp 143.979.007,12	Rp 101.055.357,81	
Total	Rp 698.692.997,99		Rp 1.254.526.789,05	
6	Rp 84.212.798,18		Rp 101.055.357,81	
Total	Rp 782.905.796,17		Rp 1.355.582.146,86	
7	Rp 84.212.798,18		Rp 101.055.357,81	
Total	Rp 867.118.594,34		Rp 1.456.637.504,67	
8	Rp 84.212.798,18		Rp 101.055.357,81	
Total	Rp 951.331.392,52		Rp 1.557.692.862,48	
9	Rp 84.212.798,18		Rp 101.055.357,81	
Total	Rp 1.035.544.190,69		Rp 1.658.748.220,29	
10	Rp 84.212.798,18	Rp 155.106.281,26	Rp 101.055.357,81	
Total	Rp 1.274.863.270,13		Rp 1.759.803.578,10	
11	Rp 84.212.798,18		Rp 101.055.357,81	
Total	Rp 1.359.076.068,31		Rp 1.860.858.935,91	
12	Rp 84.212.798,18		Rp 101.055.357,81	Rp 895.816.914,97
Total	Rp 1.443.288.866,48		Rp 2.857.731.208,69	
13	Rp 84.212.798,18		Rp 101.055.357,81	
Total	Rp 1.527.501.664,66		Rp 2.958.786.566,50	
14	Rp 84.212.798,18		Rp 101.055.357,81	
Total	Rp 1.611.714.462,83		Rp 3.059.841.924,31	
15	Rp 84.212.798,18	Rp 167.093.515,71	Rp 101.055.357,81	
Total	Rp 1.863.020.776,72		Rp 3.160.897.282,12	

Keterangan:

Label Kuning : Titik Pergantian Lampu

- Tabel Biaya Komulatif Antara Lampu HPS 400W dan Lampu LED 450W

Investasi	Lampu HPS		Lampu LED	
	Rp166.980.000,00		Rp850.425.000,00	
Awal				
Tahun Ke-	Biaya operasional	Biaya Perawatan	Biaya operasional	Biaya Perawatan
1	Rp 114.778.924,92		Rp 129.126.290,54	
Total	Rp 281.758.924,92		Rp 979.551.290,54	
2	Rp 114.778.924,92		Rp 129.126.290,54	
Total	Rp 396.537.849,84		Rp 1.108.677.581,07	
3	Rp 114.778.924,92		Rp 129.126.290,54	
Total	Rp 511.316.774,76		Rp 1.237.803.871,61	
4	Rp 114.778.924,92		Rp 129.126.290,54	
Total	Rp 626.095.699,68		Rp 1.366.930.162,14	
5	Rp 114.778.924,92	Rp 179.884.882,97	Rp 129.126.290,54	
Total	Rp 920.759.507,57		Rp 1.496.056.452,68	
6	Rp 114.778.924,92		Rp 129.126.290,54	
Total	Rp 1.035.538.432,49		Rp 1.625.182.743,21	
7	Rp 114.778.924,92		Rp 129.126.290,54	
Total	Rp 1.150.317.357,41		Rp 1.754.309.033,75	
8	Rp 114.778.924,92		Rp 129.126.290,54	
Total	Rp 1.265.096.282,33		Rp 1.883.435.324,28	
9	Rp 114.778.924,92		Rp 129.126.290,54	
Total	Rp 1.379.875.207,25		Rp 2.012.561.614,82	
10	Rp 114.778.924,92	Rp 193.787.106,96	Rp 129.126.290,54	
Total	Rp 1.688.441.239,13		Rp 2.141.687.905,35	
11	Rp 114.778.924,92		Rp 129.126.290,54	
Total	Rp 1.803.220.164,05		Rp 2.270.814.195,89	
12	Rp 114.778.924,92		Rp 129.126.290,54	Rp 1.016.783.583,47
Total	Rp 1.917.999.088,97		Rp 3.416.724.069,89	
13	Rp 114.778.924,92		Rp 129.126.290,54	
Total	Rp 2.032.778.013,89		Rp 3.545.850.360,42	
14	Rp 114.778.924,92		Rp 129.126.290,54	
Total	Rp 2.147.556.938,81		Rp 3.674.976.650,96	
15	Rp 114.778.924,92	Rp 208.763.750,49	Rp 129.126.290,54	
Total	Rp 2.471.099.614,22		Rp 3.804.102.941,49	

Keterangan:

Label Kuning : Titik Pergantian Lampu