Polairis - PLF2 Closed Circuit Cooling Tower Performance at Standard Conditions

Condition Reference #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
Wet Bulb °C	10	10	10	10	10	13	13	13	13	13	16	16	16	16	16	18	18	18	18	18	21	21	21	21	21	24	24	24	24	24	27	27	27	27	27	29	29	29	29	29	32.2	32.2	32.2	32.2	32.2	21	25.56	27	28
Range °C	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	5	6.67	5	5
Approach °C	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	6	6.67	5	4
Inlet Water Temperature °C	20	22	23	25	24	23	25	26	28	27	26	28	29	31	30	28	30	31	33	32	31	33	34	36	35	34	36	37	39	38	37	39	40	42	41	39	41	42	44	43	42.2	44.2	45.2	47.2	46.2	32	38.9	37	37
Outlet Water Temperature °C	14	16	17	18	16	17	19	20	21	19	20	22	23	24	22	22	24	25	26	24	25	27	28	29	27	28	30	31	32	30	31	33	34	35	33	33	35	36	37	35	36.2	38.2	39.2	40.2	38.2	27	32.2	32	32
Model Capacity (l/s)																									**l/s**																								
PLF2 0403E-2D2AT-H		0.4	0.7	0.7			0.7	1.0	1.0	0.1	0.2	0.9	1.2	1.2	0.4	0.4	1.1	1.4	1.4	0.6	0.6	1.3	1.6	1.6	0.8	0.8	1.5	1.8	1.9	1.1	1.0	1.7	2.1	2.1	1.3	1.2	1.9	2.3	2.3	1.4	1.4	2.2	2.6	2.6	1.7	1.6	1.7	1.7	1.3
PLF2 0403E-3D2AT-H			0.7	0.7			0.5	1.2	1.2			1.0	1.6	1.6			1.3	1.9	1.9	0.3	0.5	1.8	2.3	2.3	0.9	0.9	2.1	2.6	2.6	1.3	1.3	2.5	3.0	3.0	1.7	1.6	2.7	3.2	3.2	2.0	1.9	3.1	3.6	3.6	2.3	2.3	2.4	2.4	1.9
PLF2 0403E-4D2AT-H		0.5	1.0	1.0			1.0	1.5	1.5		0.2	1.4	1.9	1.9	0.5	0.5	1.7	2.2	2.2	0.8	0.9	2.1	2.6	2.6	1.3	1.3	2.5	3.0	3.0	1.7	1.6	2.8	3.4	3.4	2.1	1.9	3.1	3.7	3.7	2.3	2.2	3.5	4.2	4.2	2.7	2.6	2.7	2.7	2.2
PLF2 0403E-5D2AT-H		0.2	1.1	1.0			0.9	1.7	1.7			1.6	2.3	2.3	0.0	0.3	2.0	2.7	2.7	0.6	1.0	2.5	3.2	3.3	1.3	1.5	3.1	3.8	3.8	2.0	2.1	3.6	4.3	4.3	2.5	2.4	3.9	4.6	4.6	2.9	2.9	4.4	5.2	5.2	3.4	3.3	3.4	3.4	2.7
PLF2 0403E-6D2AT-H	0.8	1.8	2.2	2.3	1.2	1.1	2.1	2.5	2.6	1.5	1.3	2.4	2.9	2.9	1.8	1.5	2.6	3.1	3.2	2.0	1.9	3.0	3.6	3.6	2.3	2.2	3.4	4.0	4.0	2.6	2.5	3.8	4.5	4.5	3.0	2.8	4.2	4.9	4.9	3.3	3.2	4.7	5.5	5.5	3.7	3.5	3.7	3.7	3.1
PLF2 0406E-2D2AS-K		1.1	1.8	1.8	0.1	0.3	1.6	2.2	2.2	0.6	0.7	2.1	2.7	2.7	1.1	1.0	2.3	3.0	3.0	1.4	1.3	2.8	3.5	3.5	1.8	1.7	3.2	3.9	3.9	2.2	2.0	3.6	4.4	4.4	2.6	2.2	3.9	4.8	4.8	2.8	2.7	4.5	5.5	5.5	3.3	3.5	3.5	3.5	2.7
PLF2 0406E-2D2AT-K		1.4	2.2	2.2	0.3	0.4	2.0	2.7	2.8	0.9	0.9	2.5	3.3	3.3	1.4	1.2	2.9	3.7	3.7	1.7	1.7	3.4	4.3	4.3	2.2	2.1	4.0	4.9	4.9	2.7	2.6	4.5	5.5	5.5	3.2	2.9	4.9	6.0	6.0	3.6	3.4	5.6	6.7	6.7	4.1	4.3	4.3	4.4	3.4
PLF2 0406E-3D2AS-K	1.3	2.5	3.1	3.1	1.6	1.5	2.9	3.5	3.5	2.0	1.8	3.3	4.0	4.0	2.3	2.1	3.6	4.3	4.3	2.6	2.4	4.0	4.9	4.9	3.0	2.8	4.6	5.5	5.5	3.4	3.3	5.2	6.2	6.2	3.9	3.6	5.6	6.7	6.7	4.3	4.2	6.4	7.6	7.6	4.9	4.9	5.0	5.0	4.1
PLF2 0406E-3D2AT-K	1.1	2.9	3.7	3.8	1.7	1.7	3.5	4.3	4.3	2.2	2.2	4.0	4.9	4.9	2.8	2.5	4.4	5.4	5.4	3.1	3.0	5.0	6.0	6.1	3.7	3.5	5.7	6.8	6.8	4.2	4.1	6.4	7.6	7.6	4.8	4.4	6.9	8.3	8.3	5.2	5.1	7.9	9.4	9.4	6.0	6.1	6.1	6.2	5.1
PLF2 0406E-4D2AS-K	1.6	3.1	3.8	3.8	2.1	2.0	3.5	4.3	4.3	2.5	2.4	4.0	4.8	4.8	3.0	2.7	4.4	5.2	5.2	3.3	3.1	4.9	5.9	5.9	3.7	3.6	5.6	6.6	6.6	4.2	4.1	6.2	7.4	7.4	4.8	4.4	6.7	7.9	8.0	5.2	5.1	7.7	9.0	9.0	5.9	5.9	6.0	6.1	5.0
PLF2 0406E-4D2AT-K	1.2	3.3	4.3	4.3	1.8	1.8	3.9	5.0	5.0	2.5	2.4	4.6	5.7	5.7	3.1	2.8	5.1	6.2	6.2	3.6	3.4	5.8	6.9	6.9	4.2	4.0	6.5	7.8	7.8	4.9	4.7	7.4	8.8	8.8	5.6	5.1	8.0	9.5	9.5	6.1	6.0	9.1	10.8	10.8	7.0	7.0	7.1	7.1	5.8
PLF2 0406E-5D2AS-K	2.1	3.6	4.3	4.3	2.6	2.5	4.1	4.8	4.8	3.0	2.9	4.6	5.4	5.4	3.5	3.2	5.0	5.9	5.9	3.8	3.6	5.6	6.6	6.6	4.3	4.1	6.3	7.4	7.4	4.8	4.7	7.1	8.3	8.3	5.5	5.1	7.6	8.9	8.9	5.9	5.9	8.7	10.1	10.1	6.8	6.6	6.8	6.9	5.7
PLF2 0406E-5D2AT-K	1.6	3.7	4.7	4.7	2.1	2.1	4.3	5.4	5.4	2.8	2.7	5.0	6.1	6.2	3.5	3.1	5.5	6.7	6.7	3.9	3.7	6.2	7.5	7.5	4.6	4.3	7.0	8.4	8.5	5.3	5.0	7.9	9.5	9.6	6.1	5.5	8.6	10.3	10.4	6.6	6.5	10.0	11.8	11.9	7.7	7.5	7.6	7.7	6.3
PLF2 0406E-6D2AS-K	2.5	4.0	4.7	4.8	3.0	2.9	4.5	5.3	5.4	3.4	3.3	5.1	6.0	6.0	3.9	3.6	5.5	6.5	6.5	4.2	4.1	6.2	7.2	7.3	4.8	4.7	7.0	8.1	8.2	5.4	5.3	7.8	9.1	9.1	6.1	5.7	8.4	9.8	9.8	6.6	6.5	9.4	11.0	11.0	7.5	7.3	7.5	7.6	6.3
PLF2 0406E-6D2AT-K	1.5	3.9	5.0	5.0	2.3	2.2	4.6	5.8	5.8	3.0	2.9	5.4	6.6	6.6	3.7	3.3	5.9	7.2	7.2	4.2	4.0	6.7	8.1	8.1	4.9	4.7	7.6	9.1	9.1	5.7	5.4	8.6	10.2	10.3	6.5	5.9	9.3	11.1	11.1	7.0	6.9	10.6	12.6	12.5	8.1	8.1	8.2	8.3	6.8
PLF2 0409E-2D2AS-L	1.4	3.0	3.7	3.8	2.0	1.8	3.5	4.3	4.3	2.4	2.2	4.0	4.8	4.8	2.8	2.5	4.3	5.2	5.2	3.1	2.9	4.8	5.8	5.8	3.6	3.3	5.4	6.5	6.5	4.0	3.8	6.1	7.3	7.3	4.6	4.1	6.5	7.8	7.8	4.9	4.7	7.3	8.7	8.7	5.5	5.8	5.9	5.9	4.7
PLF2 0409E-3D2AS-L	2.4	4.2	5.1	5.1	3.1	2.8	4.8	5.7	5.7	3.5	3.3	5.3	6.4	6.4	4.0	3.6	5.8	6.8	6.8	4.4	4.1	6.4	7.6	7.6	4.9	4.6	7.2	8.5	8.5	5.5	5.2	8.0	9.4	9.5	6.2	5.7	8.6	10.1	10.2	6.7	6.5	9.7	11.3	11.3	7.5	7.6	7.7	7.8	6.5
PLF2 0409E-4D2AS-L	3.1	5.1	6.0	6.1	3.8	3.6	5.7	6.8	6.8	4.3	4.2	6.4	7.6	7.6	4.9	4.5	6.9	8.1	8.2	5.3	5.1	7.7	9.1	9.1	6.0	5.7	8.7	10.2	10.2	6.7	6.5	9.7	11.3	11.4	7.6	7.0	10.4	12.2	12.2	8.2	8.0	11.7	13.6	13.7	9.3	9.1	9.3	9.4	7.9
PLF2 0409E-5D2AS-L	3.9	5.8	6.8	6.9	4.5	4.3	6.5	7.6	7.6	5.0	4.8	7.3	8.5	8.5	5.6	5.2	7.8	9.2	9.2	6.1	5.9	8.8	10.3	10.3	6.9	6.6	9.8	11.5	11.5	7.7	7.5	11.0	12.8	12.9	8.7	8.1	11.9	13.8	13.9	9.4	9.2	13.4	15.6	15.7	10.6	10.3	10.6	10.7	9.0
PLF2 0409E-6D2AS-L	4.2	6.3	7.4	7.5	4.9	4.7	7.1	8.3	8.3	5.5	5.3	7.9	9.3	9.3	6.2	5.8	8.6	10.0	10.0	6.7	6.5	9.6	11.2	11.2	7.5	7.3	10.8	12.5	12.6	8.5	8.3	12.1	14.0	14.1	9.5	9.0	13.0	15.1	15.2	10.3	10.3	14.8	17.1	17.2	11.7	11.2	11.6	11.8	9.9
PLF2 0409E-7D2AS-L	4.6	6.8	8.0	8.0	5.3	5.1	7.6	8.9	8.9	5.9	5.7	8.5	9.9	10.0	6.7	6.2	9.2	10.7	10.8	7.2	7.0	10.3	12.0	12.1	8.2	7.9	11.6	13.5	13.5	9.2	8.9	13.0	15.0	15.2	10.4	9.7	14.0	16.2	16.3	11.2	11.1	15.8	18.2	18.2	12.6	12.0	12.5	12.6	10.7
PLF2 0512E-2D2AS-M	2.9	5.1	6.3	6.3	3.7	3.4	5.8	7.0	7.1	4.2	4.0	6.6	7.9	7.9	4.9	4.4	7.1	8.5	8.6	5.3	5.0	8.0	9.6	9.6	6.0	5.7	9.1	10.8	10.8	6.8	6.5	10.2	12.1	12.1	7.7	7.1	11.0	13.1	13.1	8.3	8.2	12.6	14.8	14.8	9.5	9.6	9.8	9.9	8.1
PLF2 0512E-3D2AS-M	4.3	6.9	8.2	8.2	5.2	4.9	7.7	9.2	9.2	5.9	5.6	8.6	10.2	10.3	6.6	6.1	9.3	11.0	11.1	7.1	6.8	10.5	12.4	12.4	8.0	7.7	11.8	13.9	13.9	9.1	8.8	13.2	15.5	15.6	10.2	9.5	14.3	16.8	16.8	11.1	10.9	16.2	18.9	19.0	12.5	12.4	12.7	12.9	10.7
PLF2 0512E-4D2AS-M	5.3	8.0	9.5	9.5	6.1	5.9	9.0	10.6	10.6	6.9	6.6	10.1	11.8	11.9	7.8	7.1	10.9	12.8	12.8	8.4	8.0	12.2	14.3	14.4	9.5	9.0	13.6	16.0	16.1	10.7	10.2	15.3	17.9	18.0	12.0	11.1	16.5	19.3	19.4	13.0	12.6	18.6	21.7	21.8	14.7	14.3	14.7	14.8	12.4
PLF2 0512E-5D2AS-M	5.9	8.9	10.5	10.5	6.9	6.6	10.0	11.7	11.7	7.7	7.4	11.1	13.1	13.1	8.7	8.0	12.0	14.1	14.1	9.4	9.0	13.4	15.7	15.8	10.6	10.1	15.0	17.5	17.7	11.9	11.4	16.8	19.6	19.8	13.3	12.4	18.1	21.1	21.3	14.4	14.2	20.5	23.8	24.0	16.3	15.7	16.2	16.3	13.8
PLF2 0512E-6D2AS-M	6.4	9.7	11.3	11.4	7.5	7.2	10.8	12.6	12.7	8.4	8.1	12.1	14.1	14.2	9.5	8.8	13.0	15.2	15.3	10.3	9.9	14.6	17.1	17.1	11.5	11.2	16.4	19.1	19.2	13.0	12.7	18.5	21.4	21.6	14.7	13.8	20.0	23.2	23.3	15.9	15.9	22.7	26.2	26.3	18.2	17.0	17.7	18.0	15.3
PLF2 0512E-7D2AS-M	6.9	10.3	12.1	12.1	8.0	7.8	11.5	13.5	13.5	9.0	8.7	12.9	15.1	15.2	10.2	9.5	14.0	16.3	16.3	11.0	10.7	15.7	18.2	18.3	12.4	12.1	17.6	20.4	20.6	14.0	13.6	19.8	22.9	23.0	15.8	14.8	21.3	24.7	24.8	17.1	16.9	24.1	27.8	27.9	19.3	18.2	19.0	19.2	16.3