

Seed center and seed angle coordinates for all CLRP V2 photon plaques. Seed angles are in relation to the x-y plane where 0° is a source lying along the x-axis.

Plaque size	seed number	x_c (cm)	y_c (cm)	z_c (cm)	θ (rad)
COMS 10 mm	1	-0.230	-0.230	-0.201	2.36
	2	0.230	-0.230	-0.201	0.78
	3	0.230	0.230	-0.201	5.50
	4	-0.230	0.230	-0.201	3.93
	5	0	0	-0.240	4.71
COMS 12 mm	1	-0.372	-0.27	-0.16	2.51
	2	0.142	-0.437	-0.16	1.26
	3	0.46	0	-0.16	6.28
	4	0.142	0.437	-0.16	5.03
	5	-0.372	0.27	-0.16	3.77
	6	0	-0.27	-0.213	1.57
	7	0	0.27	-0.213	4.71
	8	0	0	-0.24	4.71
COMS 14 mm	1	-0.59	0	-0.106	3.14
	2	-0.295	-0.511	-0.106	2.09
	3	0.295	-0.511	-0.106	1.05
	4	0.59	0	-0.106	0
	5	0.295	0.511	-0.106	5.24
	6	-0.295	0.511	-0.106	4.19
	7	-0.41	0	-0.177	3.14
	8	0	-0.41	-0.177	1.57
	9	0.41	0	-0.177	0
	10	0	0.41	-0.177	4.71
	11	0	-0.21	-0.224	1.57
	12	0	0.21	-0.224	4.71
	13	0	0	-0.24	4.71
COMS 16 mm and "COMS - thin acrylic"	1	-0.568	-0.273	-0.087	2.69
	2	-0.14	-0.614	-0.087	1.8
	3	0.393	-0.493	-0.087	0.89
	4	0.63	0	-0.087	0
	5	0.393	0.493	-0.087	5.39
	6	-0.14	0.614	-0.087	4.48
	7	-0.568	0.273	-0.087	3.59
	8	-0.45	0	-0.164	3.14
	9	0	-0.45	-0.164	1.57
	10	0.45	0	-0.164	6.28
	11	0	0.45	-0.164	4.71
	12	0	-0.18	-0.228	1.57
	13	0	0.18	-0.228	4.71

Plaque size	seed number	x_c (cm)	y_c (cm)	z_c (cm)	θ (rad)
COMS 18 mm	1	-0.77	0	-0.003	3.14
	2	-0.544	-0.544	-0.003	2.36
	3	0	-0.77	-0.003	1.57
	4	0.544	-0.544	-0.003	0.78
	5	0.77	0	-0.003	6.28
	6	0.544	0.544	-0.003	5.5
	7	0	0.77	-0.003	4.71
	8	-0.544	0.544	-0.003	3.92
	9	-0.62	0	-0.092	3.14
	10	-0.31	-0.537	-0.092	2.09
	11	0.31	-0.537	-0.092	1.04
	12	0.62	0	-0.092	6.28
	13	0.31	0.537	-0.092	5.23
	14	-0.31	0.537	-0.092	4.19
	15	-0.318	-0.318	-0.164	2.36
	16	0.318	-0.318	-0.164	0.78
	17	0.318	0.318	-0.164	5.5
	18	-0.318	0.318	-0.164	3.92
	19	0	-0.2	-0.225	1.57
	20	0	0.2	-0.225	4.71
	21	0	0	-0.24	4.71
COMS 20 mm	1	-0.81	-0.29	0.06	2.79
	2	-0.43	-0.75	0.06	2.09
	3	0.15	-0.85	0.06	1.40
	4	0.66	-0.55	0.06	0.70
	5	0.86	0.00	0.06	6.28
	6	0.66	0.55	0.06	5.58
	7	0.15	0.85	0.06	4.89
	8	-0.43	0.75	0.06	4.19
	9	-0.81	0.29	0.06	3.49
	10	-0.65	-0.15	-0.07	2.91
	11	-0.29	-0.60	-0.07	2.02
	12	0.29	-0.60	-0.07	1.12
	13	0.65	-0.15	-0.07	0.02
	14	0.52	0.42	-0.07	5.60
	15	0.00	0.67	-0.07	4.71
	16	-0.52	0.42	-0.07	3.82
	17	-0.38	-0.28	-0.16	2.51
	18	0.15	-0.45	-0.16	1.26
	19	0.47	0.00	-0.16	6.28
	20	0.15	0.45	-0.16	5.02
	21	-0.38	0.28	-0.16	3.77
	22	0.00	-0.23	-0.22	1.57
	23	0.00	0.23	-0.22	4.71
	24	0.00	0.00	-0.24	4.71

Plaque size	seed number	x_c (cm)	y_c (cm)	z_c (cm)	θ (rad)
COMS 22 mm	1	-0.92	0.00	0.12	3.14
	2	-0.65	-0.65	0.12	2.35
	3	0.00	-0.92	0.12	1.57
	4	0.65	-0.65	0.12	0.78
	5	0.92	0.00	0.12	6.28
	6	0.65	0.65	0.12	5.50
	7	0.00	0.92	0.12	4.71
	8	-0.65	0.65	0.12	3.93
	9	-0.72	-0.13	-0.03	2.97
	10	-0.25	-0.69	-0.03	1.92
	11	0.47	-0.56	-0.03	0.87
	12	0.72	0.13	-0.03	6.11
	13	0.25	0.69	-0.03	5.06
	14	-0.47	0.56	-0.03	4.01
	15	-0.31	-0.37	-0.15	2.27
	16	0.37	-0.31	-0.15	0.70
	17	0.31	0.37	-0.15	5.41
	18	-0.37	0.31	-0.15	3.84
	19	0.02	-0.22	-0.22	1.48
	20	-0.02	0.22	-0.22	4.62
	21	0.00	0.00	-0.24	4.62
COMS 24 mm	1	0.00	0.00	-0.24	1.57
	2	0.00	0.19	-0.23	1.57
	3	0.00	-0.19	-0.23	4.71
	4	0.44	0.09	-0.16	2.95
	5	0.06	0.45	-0.16	1.7
	6	-0.41	0.19	-0.16	0.44
	7	-0.31	-0.33	-0.16	5.53
	8	0.22	-0.39	-0.16	4.21
	9	0.47	0.45	-0.08	2.37
	10	-0.06	0.64	-0.08	1.48
	11	-0.54	0.35	-0.08	0.58
	12	-0.61	-0.20	-0.08	5.96
	13	-0.22	-0.61	-0.08	5.07
	14	0.34	-0.55	-0.08	4.17
	15	0.64	-0.08	-0.08	3.27
	16	0.83	0.07	0.04	3.05
	17	0.59	0.59	0.04	2.36
	18	0.07	0.83	0.04	1.66
	19	-0.48	0.68	0.04	0.96
	20	-0.80	0.21	0.04	0.26
	21	-0.75	-0.35	0.04	5.85
	22	-0.35	-0.75	0.04	5.15
	23	0.21	-0.80	0.04	4.45
	24	0.68	-0.48	0.04	3.75
	25	0.91	0.45	0.21	2.69
	26	0.41	0.93	0.21	1.99
	27	-0.28	0.98	0.21	1.29
	28	-0.84	0.57	0.21	0.59
	29	-1.01	-0.11	0.21	3.04
	30	-0.71	-0.73	0.21	5.42
	31	-0.07	-1.01	0.21	4.78
	32	0.60	-0.82	0.21	4.08
	33	0.98	-0.25	0.21	3.38

Plaque size	seed number	x_c (cm)	y_c (cm)	z_c (cm)	θ (rad)
"Short lip - acrylic" and "No lip - silastic"	1	-0.568	-0.273	-0.012	2.688
	2	-0.140	-0.614	-0.012	1.798
	3	0.393	-0.493	-0.012	0.890
	4	0.630	0.000	-0.012	0.000
	5	0.393	0.493	-0.012	5.393
	6	-0.140	0.614	-0.012	4.486
	7	-0.568	0.273	-0.012	3.595
	8	-0.450	0.000	-0.089	3.142
	9	0.000	-0.450	-0.089	1.571
	10	0.450	0.000	-0.089	6.283
	11	0.000	0.450	-0.089	4.712
	12	0.000	-0.180	-0.153	1.571
	13	0.000	0.180	-0.153	4.712
"Stainless steel - acrylic"	1	-0.568	-0.273	-0.058	2.688
	2	-0.140	-0.614	-0.058	1.798
	3	0.393	-0.493	-0.058	0.890
	4	0.630	0.000	-0.058	0.000
	5	0.393	0.493	-0.058	5.393
	6	-0.140	0.614	-0.058	4.486
	7	-0.568	0.273	-0.137	3.595
	8	-0.450	0.000	-0.137	3.142
	9	0.000	-0.450	-0.137	1.571
	10	0.450	0.000	-0.137	6.283
	11	0.000	0.450	-0.137	4.712
	12	0.000	-0.180	-0.203	1.571
	13	0.000	0.180	-0.203	4.712