

激光控制与光学测量---光隔离器型号一览表

MODEL NUMBER	Clear Aperture	Isolation Minimum / Typical	Ins Loss Typical / Maximum	Transmission Minimum / Typical	Diameter	Length	Power Handling	Tunable	Broad-band
	mm	dB	dB	%	inch / mm	inch/mm	W/cm2	Yes/No	Yes/No
390-460nm									
I-40-FR-2	2	30 / 35	0.5	89	1.0 / 25.4	1.0 / 25.4	300	N	N
I-40-2-M	2	35 / 40	0.6 / 0.8	83 / 86	1.0 / 25.4	2.32 / 59	100	N	N
I-40-2-H	2	35 / 40	0.6 / 0.8	83 / 86	1.0 / 25.4	2.91 / 74	250	N	N
I-40-FR-5	5	30 / 35	0.5	89	1.375 / 34.9	3.07 / 78	300	N	N
I-40-T-5-M	5	35 / 40	0.6 / 0.8	83 / 86	1.375 / 34.9	4.12 / 105	100	Y	N
I-40-T-5-H	5	35 / 40	0.6 / 0.8	83 / 86	1.375 / 34.9	5.01 / 127	250	Y	N
I-40-SD-5-M	5	53 / 55	1.5 / 2.0	63 / 79	1.375 / 34.9	4.12 / 105	100	Y	N
500-600nm									
I-56-FR-2	2	30 / 35	0.2	95	1.0 / 25.4	1.0 / 25.4	300	N	N
I-56-2-L	2	38 / 40	3	50	1.0 / 25.4	1.0 / 25.4	10	N	N
I-56-2-L-LH	2	38 / 40	3	50	1.0 / 25.4	2.4 / 61	10	N	N
I-56-2-M	2	38 / 40	0.5 / 0.7	85 / 89	1.0 / 25.4	2.32 / 59	100	N	N
I-56-2-M-LH	2	38 / 40	0.5 / 0.7	85 / 89	1.0 / 25.4	3.54 / 90	100	N	N
I-56-2-H	2	38 / 40	0.5 / 0.7	85 / 89	1.0 / 25.4	4.13 / 105	250	N	N
I-56-2-PBS	2	38 / 40	0.5 / 0.7	85 / 89	1.0 / 25.4	1.89 / 48	100	N	N
I-5060-C-2-L	2	35 / 38	3	50	1.0 / 25.4	2.40 / 61	10	N	N
I-5060-C-2-M	2	35 / 38	0.5 / 0.7	85 / 89	1.0 / 25.4	3.54 / 90	100	N	N
I-5060-C-2-H	2	35 / 38	0.5 / 0.7	85 / 89	1.0 / 25.4	4.13 / 105	250	N	N
I-56-FR-5	5	30 / 35	0.2	95	1.375 / 34.9	2.54 / 64	300	N	N
I-56-T-5-L	5	38 / 40	3	50	1.375 / 34.9	2.54 / 64	10	Y	N
I-56-T-5-L-LH	5	38 / 40	3	50	1.375 / 34.9	4.12 / 105	10	Y	N
I-56-T-5-M	5	38 / 40	0.5 / 0.7	85 / 89	1.375 / 34.9	2.52 / 64	100	Y	N
I-56-T-5-M-LH	5	38 / 40	0.5 / 0.7	85 / 89	1.375 / 34.9	4.12 / 105	100	Y	N
I-56-T-5-H-LH	5	38 / 40	0.5 / 0.7	85 / 89	1.375 / 34.9	5.01 / 127	250	Y	N
I-5060-C-5-L	5	38 / 40	3	50	1.375 / 34.9	4.12 / 105	10	Y	Y
I-5060-C-5-M	5	38 / 40	0.6 / 0.75	84 / 86	1.375 / 34.9	4.12 / 105	100	Y	Y
I-5060-C-5-H	5	38 / 40	0.6 / 0.75	84 / 86	1.375 / 34.9	5.01 / 127	250	Y	Y
I-56-SD-5-L	5	50 / 55	4.5 / 5.0	30 / 35	1.375 / 34.9	4.12 / 105	10	Y	N
I-56-SD-5-M	5	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	4.12 / 105	100	Y	N
I-56-SD-5-H	5	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	5.01 / 127	250	Y	N
600-700nm									
I-633-FR-2	2	30 / 35	0.2	95	1.0 / 25.4	1.0 / 25.4	300	N	N
I-633-2-L	2	38 / 40	1.4/1.6	69/72	1.0 / 25.4	1.0 / 25.4	10	N	N
I-633-2-L-LH	2	38 / 40	1.4/1.6	69/72	1.0 / 25.4	2.40 / 61	10	N	N
I-633-2-M	2	38 / 40	0.5 / 0.7	85 / 89	1.0 / 25.4	2.32 / 59	100	N	N
I-633-2-M-LH	2	38 / 40	0.5 / 0.7	85 / 89	1.0 / 25.4	3.54 / 90	100	N	N
I-633-2-H	2	38 / 40	0.5 / 0.7	85 / 89	1.0 / 25.4	2.91 / 74	250	N	N
I-670-FR-2	2	30 / 35	0.2	95	1.0 / 25.4	1.0 / 25.4	300	N	N
I-670-2-L	2	38 / 40	1.4/1.6	69/72	1.0 / 25.4	1.0 / 25.4	10	N	N
I-670-2-L-LH	2	38 / 40	1.4/1.6	69/72	1.0 / 25.4	2.40 / 61	10	N	N
I-670-2-M	2	38 / 40	0.5 / 0.7	85 / 89	1.0 / 25.4	2.32 / 59	100	N	N
I-670-2-H	2	38 / 40	0.5 / 0.7	85 / 89	1.0 / 25.4	2.91 / 74	250	N	N
I-670-2-PBS	2	38 / 40	0.5 / 0.7	85 / 89	1.0 / 25.4	4.13 / 105	250	N	N
I-6070-C-2-L	2	35 / 38	1.4/1.6	69/72	1.0 / 25.4	2.40 / 61	10	N	N
I-6070-C-2-M	2	35 / 38	0.5 / 0.75	84 / 89	1.0 / 25.4	3.54 / 90	100	N	N
I-6070-C-2-H	2	35 / 38	0.5 / 0.75	84 / 89	1.0 / 25.4	4.13 / 105	250	N	N
I-633-SD-2-PBS	2	35 / 38	0.5 / 0.75	84 / 89	1.0 / 25.4	4.13 / 105	250	N	N
I-633-FR-5	5	30 / 35	0.2	95	1.375 / 34.9	3.07 / 78	300	N	N
I-67-T-5-L	5	38 / 40	1.4/1.6	69/72	1.375 / 34.9	4.12 / 105	10	Y	N
I-67-T-5-M	5	38 / 40	0.5 / 0.7	85 / 89	1.375 / 34.9	4.12 / 105	100	Y	N
I-67-T-5-H	5	38 / 40	0.5 / 0.7	85 / 89	1.375 / 34.9	5.01 / 127	250	Y	N
I-6070-C-5-L	5	38 / 40	1.4/1.6	69/72	1.375 / 34.9	4.12 / 105	10	Y	Y
I-6070-C-5-M	5	38 / 40	0.5 / 0.75	84 / 89	1.375 / 34.9	4.12 / 105	100	Y	Y
I-6070-C-5-H	5	38 / 40	0.5 / 0.75	84 / 89	1.375 / 34.9	5.01 / 127	250	Y	Y
I-67-SD-5-L	5	50 / 55	1.8 / 2.3	56 / 66	1.375 / 34.9	4.12 / 105	10	Y	N
I-67-SD-5-M	5	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	4.12 / 105	100	Y	N
I-67-SD-5-H	5	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	5.01 / 127	250	Y	N

MODEL NUMBER	Clear Aperture	Isolation Minimum / Typical	Ins Loss Typical / Maximum	Transmission Minimum / Typical	Diameter	Length	Power Handling	Tunable	Broad-band
	mm	dB	dB	%					
700-900nm									
I-80-FR-2	2	30 / 35	0.2	95	1.0 / 25.4	2.40 / 61	300	N	N
I-80-2-L	2	38 / 40	0.5 / 0.8	83 / 89	1.0 / 25.4	2.40 / 61	50	N	N
I-80-2-M	2	38 / 40	0.4 / 0.7	85 / 91	1.0 / 25.4	3.54 / 90	100	N	N
I-80-2-H	2	38 / 40	0.4 / 0.7	85 / 91	1.0 / 25.4	4.13 / 105	250	N	N
I-7090C-2-L	2	35 / 38	0.5 / 0.8	83 / 89	1.0 / 25.4	2.40 / 61	50	N	N
I-7090-C-2-M	2	38 / 40	0.5 / 0.75	84 / 89	1.0 / 25.4	3.54 / 90	100	N	N
I-7090-C-2-H	2	38 / 40	0.5 / 0.75	84 / 89	1.0 / 25.4	4.13 / 105	250	N	N
I-80-U-2-L	2	60 / 63	0.9 / 1.4	72 / 81	1.0 / 25.4	3.31 / 84	50	N	N
I-80-FR-3	3	30 / 35	0.2	95	1.0 / 25.4	2.40 / 61	300	N	N
I-80-3-L	3	38 / 40	0.5 / 0.8	83 / 89	1.0 / 25.4	2.40 / 61	50	N	N
I-80-3-M	3	38 / 40	0.4 / 0.7	85 / 91	1.0 / 25.4	3.54 / 90	100	N	N
I-80-3-H	3	38 / 40	0.4 / 0.7	85 / 91	1.0 / 25.4	4.13 / 105	250	N	N
I-80-FR-4	4	30 / 35	0.2	95	1.375 / 34.9	3.07 / 78	300	N	N
I-80-T-4-L	4	38 / 40	0.5 / 0.8	83 / 89	1.375 / 34.9	3.03 / 77	50	Y	N
I-80-T-4-M	4	38 / 40	0.4 / 0.7	85 / 91	1.375 / 34.9	4.12 / 105	100	Y	N
I-80-T-4-H	4	38 / 40	0.4 / 0.7	85 / 91	1.375 / 34.9	5.01 / 127	250	Y	N
I-80-U-4-L	4	60 / 63	0.9 / 1.4	72 / 81	1.375 / 34.9	3.9 / 99	50	N	N
I-80-FR-5	5	30 / 35	0.2	95	1.375 / 34.9	3.07 / 78	300	N	N
I-80-T-5-L	5	38 / 40	0.5 / 0.8	83 / 89	1.375 / 34.9	4.12 / 105	50	Y	N
I-80-T-5-M	5	38 / 40	0.4 / 0.7	85 / 91	1.375 / 34.9	4.12 / 105	100	Y	N
I-80-T-5-PBS	5	38 / 40	0.4 / 0.7	85 / 91	1.375 / 34.9	3.07 / 78	100	Y	N
I-80-T-5-H	5	38 / 40	0.4 / 0.7	85 / 91	1.375 / 34.9	5.01 / 127	250	Y	N
I-7090-C-5-L	5	38 / 40	0.5 / 0.8	83 / 89	1.375 / 34.9	4.12 / 105	50	Y	Y
I-7090-C-5-M	5	38 / 40	0.5 / 0.75	84 / 89	1.375 / 34.9	4.12 / 105	100	Y	Y
I-7090-C-5-H	5	38 / 40	0.5 / 0.75	84 / 89	1.375 / 34.9	5.01 / 127	250	Y	Y
I-80-SD-4-M	4	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	4.69 / 119	100	Y	N
I-80-SD-4-MHM	4	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	4.69 / 119	100	Y	N
I-80-SD-4-H	4	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	4.97 / 127	250	Y	N
I-80-SD-5-L	5	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	4.69 / 119	50	Y	N
I-80-SD-5-M	5	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	4.69 / 119	100	Y	N
I-80-SD-5-MHM	5	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	4.69 / 119	100	Y	N
I-80-SD-5-H	5	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	4.97 / 127	250	Y	N
Note	At wavelengths below 780nm all Low Power models (suffix -L) have higher insertion loss, lower transmission and lower power handling capability								
900-1000nm									
I-92-T-4-L	4	35 / 38	0.3 / 0.5	89 / 93	1.375 / 34.9	4.0 / 102	50	Y	N
I-92-T-4-M	4	35 / 38	0.4 / 0.7	85 / 91	1.375 / 34.9	4.0 / 102	100	Y	N
I-92-T-4-H	4	35 / 38	0.4 / 0.7	85 / 91	1.375 / 34.9	5.01 / 127	250	Y	N
I-92-U-4-L	4	60 / 63	0.9 / 1.4	72 / 81	1.375 / 34.9	3.9 / 99	50	N	N
I-92-SD-4-M	4	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	4.69 / 119	100	Y	N
I-92-SD-5-M	5	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	4.69 / 119	100	Y	N
I-98-FR-2	2	30 / 35	0.2	95	1.0 / 25.4	2.40 / 61	300	N	N
I-98-2-L	2	35 / 38	0.3 / 0.5	89 / 93	1.0 / 25.4	2.40 / 61	50	N	N
I-98-2-M	2	35 / 38	0.4 / 0.7	85 / 91	1.0 / 25.4	3.54 / 90	100	N	N
I-98-2-H	2	35 / 38	0.4 / 0.7	85 / 91	1.0 / 25.4	4.13 / 105	250	N	N
I-9010-C-2-L	2	35 / 38	0.4 / 0.7	85 / 91	1.0 / 25.4	2.40 / 61	50	N	N
I-9010-C-2-M	2	38 / 40	0.5 / 0.7	85 / 89	1.0 / 25.4	3.54 / 90	100	N	N
I-9010-C-2-H	2	38 / 40	0.5 / 0.7	85 / 89	1.0 / 25.4	4.13 / 105	250	N	N
I-98-U-2-L	2	60 / 63	0.9 / 1.4	72 / 81	1.0 / 25.4	3.31 / 84	50	N	N
I-98-FR-4	4	30 / 35	0.2	95	1.375 / 34.9	3.0 / 76	300	N	N
I-98-T-4-L	4	35 / 38	0.3 / 0.5	89 / 93	1.375 / 34.9	4.0 / 102	50	Y	N
I-98-T-4-M	4	35 / 38	0.4 / 0.7	85 / 91	1.375 / 34.9	4.0 / 102	100	Y	N
I-98-T-4-H	4	35 / 38	0.4 / 0.7	85 / 91	1.375 / 34.9	5.01 / 127	250	Y	N
I-98-U-4-L	4	60 / 63	0.9 / 1.4	72 / 81	1.375 / 34.9	3.9 / 99	50	N	N
I-98-FR-5	5	30 / 35	0.2	95	1.375 / 34.9	3.0 / 76	300	N	N
I-98-T-5-L	5	35 / 38	0.3 / 0.5	89 / 93	1.375 / 34.9	4.0 / 102	50	Y	N

激光控制与光学测量---光隔离器型号一览表

MODEL NUMBER	Clear Aperture	Isolation Minimum / Typical	Ins Loss Typical / Maximum	Transmission Minimum / Typical	Diameter	Length	Power Handling	Tunable	Broad-band
	mm	dB	dB	%					
900-1000nm续									
I-98-T-5-M	5	35 / 38	0.4 / 0.7	85 / 91	1.375 / 34.9	4.0 / 102	100	Y	N
I-98-T-5-H	5	35 / 38	0.4 / 0.7	85 / 91	1.375 / 34.9	5.01 / 127	250	Y	N
I-9010-C-5-L	5	35 / 38	0.6 / 0.75	84 / 86	1.375 / 34.9	4.0 / 102	50	Y	Y
I-9010-C-5-M	5	35 / 38	0.6 / 0.75	84 / 86	1.375 / 34.9	4.0 / 102	100	Y	Y
I-9010-C-5-H	5	35 / 38	0.6 / 0.75	84 / 86	1.375 / 34.9	5.01 / 127	250	Y	Y
I-98-SD-5-L	5	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	4.69 / 119	50	Y	N
I-98-SD-5-M	5	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	4.69 / 119	100	Y	N
I-98-SD-5-H	5	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	4.97 / 127	250	Y	N
1000-1100									
I-106-FR-2	2	30 / 35	0.2	95	1.0 / 25.4	2.40 / 61	300	N	N
I-106-2-L	2	35 / 38	0.3 / 0.5	89 / 93	1.0 / 25.4	2.40 / 61	50	N	N
I-106-2-M	2	35 / 38	0.4 / 0.7	85 / 91	1.0 / 25.4	3.54 / 90	100	N	N
I-106-2-H	2	35 / 38	0.4 / 0.7	85 / 91	1.0 / 25.4	4.13 / 105	250	N	N
I-1011-C-2-L	2	35 / 38	0.4 / 0.7	85 / 91	1.0 / 25.4	2.40 / 61	50	N	N
I-1011-C-2-M	2	38 / 40	0.5 / 0.7	85 / 89	1.0 / 25.4	3.54 / 90	100	N	N
I-1011-C-2-H	2	38 / 40	0.5 / 0.7	85 / 89	1.0 / 25.4	4.13 / 105	250	N	N
I-106-FR-3	3	30 / 35	0.2	95	1.0 / 25.4	2.40 / 61	300	N	N
I-106-3-L	3	35 / 38	0.3 / 0.5	89 / 93	1.0 / 25.4	2.40 / 61	50	N	N
I-106-3-M	3	35 / 38	0.4 / 0.7	85 / 91	1.0 / 25.4	3.84 / 98	100	N	N
I-106-3-H	3	35 / 38	0.4 / 0.7	85 / 91	1.0 / 25.4	4.43 / 113	250	N	N
I-106-FR-4	4	30 / 35	0.2	95	1.375 / 34.9	3.0 / 76	300	N	N
I-106-T-4-L	4	35 / 38	0.3 / 0.5	89 / 93	1.375 / 34.9	4.0 / 102	50	Y	N
I-106-T-4-M	4	35 / 38	0.4 / 0.7	85 / 91	1.375 / 34.9	4.0 / 102	100	Y	N
I-106-T-4-H	4	35 / 38	0.4 / 0.7	85 / 91	1.375 / 34.9	5.01 / 127	250	Y	N
I-106-FR-5	5	30 / 35	0.2	95	1.375 / 34.9	3.0 / 76	300	N	N
I-106-T-5-L	5	35 / 38	0.3 / 0.5	89 / 93	1.375 / 34.9	4.0 / 102	50	Y	N
I-106-T-5-M	5	35 / 38	0.4 / 0.7	85 / 91	1.375 / 34.9	4.0 / 102	100	Y	N
I-106-T-5-H	5	35 / 38	0.4 / 0.7	85 / 91	1.375 / 34.9	5.01 / 127	250	Y	N
I-1011-5-C-L	5	35 / 38	0.6 / 0.75	84 / 86	1.375 / 34.9	4.0 / 102	50	Y	Y
I-1011-5-C-M	5	35 / 38	0.6 / 0.75	84 / 86	1.375 / 34.9	4.0 / 102	100	Y	Y
I-1011-5-C-H	5	35 / 38	0.6 / 0.75	84 / 86	1.375 / 34.9	5.01 / 127	250	Y	Y
I-106-SD-5-L	5	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	5.09 / 130	50	N	N
I-106-SD-5-M	5	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	5.09 / 130	100	N	N
I-106-SD-5-H	5	55 / 60	1.0 / 1.5	70 / 79	1.375 / 34.9	5.39 / 137	250	N	N
I-106-FR-8	8	30 / 35	0.2	95	1.95 / 49.5	3.73 / 94.7	500	N	N
I-106-T-8-H-PBS	8	35 / 40	0.2 / 0.3	92 / 95	1.95 / 49.5	5.87 / 149.1	500	Y	N
I-1011-C-8-H	8	35 / 40	0.3 / 0.4	91 / 94	1.95 / 49.5	5.87 / 149.1	500	Y	Y
1100-1200									
I-116-5-FR	5	30 / 35	0.3	93	1.375 / 34.9	3.0 / 76	300	N	N
I-116-T-5-L	5	35 / 38	0.4 / 0.7	85 / 91	1.375 / 34.9	5.12 / 130	50	Y	N
I-116-T-5-M	5	35 / 38	0.5 / 0.8	85 / 91	1.375 / 34.9	5.12 / 130	100	Y	N
I-116-T-5-H	5	35 / 38	0.4 / 0.7	85 / 91	1.375 / 34.9	6.34 / 161	250	Y	N
LPE Film Based									
I-80-B-4-L	4	30 / 35	3 to 6	25 to 50	0.75 / 19	1.48 / 37.6	10	Y	N
I-106-B-FR-4	4	30	1	80	0.75 / 19	1.48 / 37.6	10	N	N
I-106-B-4-L	4	30 / 35	1.2 / 1.5	75 / 70	0.75 / 19	1.48 / 37.6	10	Y	N
I-11-B-FR-4	4	30	0.3	93	0.75 / 19	1.48 / 37.6	100	N	N
I-11-B-4-L	4	30 / 35	0.4 / 0.6	87 / 91	0.75 / 19	1.48 / 37.6	100	Y	N
I-11-B-FR-5	5	30	0.3	93	0.75 / 19	1.48 / 37.6	100	N	N
I-11-B-5-L	5	30 / 35	0.4 / 0.6	87 / 91	0.75 / 19	1.48 / 37.6	100	Y	N
I-11-T-5-H	5	30 / 35	0.6 / 0.75	87 / 84	1.375 / 34.9	4.92 / 125	100	Y	N
I-12-B-FR-4	4	30	0.1	97	0.75 / 19	1.48 / 37.6	100	N	N
I-12-B-4-L	4	35 / 40	0.2 / 0.4	91 / 95	0.75 / 19	1.48 / 37.6	100	Y	N
I-12-B-FR-5	5	30	0.1	97	0.75 / 19	1.48 / 37.6	100	N	N
I-12-B-5-L	5	35 / 40	0.2 / 0.4	91 / 95	0.75 / 19	1.48 / 37.6	100	Y	N
I-12-T-5-H	5	35 / 40	0.5 / 0.7	85 / 89	1.375 / 34.9	4.92 / 125	100	Y	N
I-13-B-FR-4	4	35	0.1	97	0.75 / 19	1.48 / 37.6	300	N	N

MODEL NUMBER	Clear Aperture	Isolation Minimum / Typical	Ins Loss Typical / Maximum	Transmission Minimum / Typical	Diameter	Length	Power Handling	Tunable	Broad-band
	mm	dB	dB	%	inch / mm	inch/mm	W/cm2	Yes/No	Yes/No
LPE Film Based 续									
I-13-B-4-L	4	38 / 43	0.2 / 0.4	91 / 95	0.75 / 19	1.48 / 37.6	300	Y	N
I-13-T-4-H	4	35 / 38	0.5 / 0.7	85 / 89	1.375 / 34.9	4.92 / 125	300	Y	N
I-13-B-FR-5	5	35	0.1	97	0.75 / 19	1.48 / 37.6	300	N	N
I-13-B-5-L	5	38 / 43	0.2 / 0.4	91 / 95	0.75 / 19	1.48 / 37.6	300	Y	N
I-14-B-FR-4	4	35	0.1	97	0.75 / 19	1.48 / 37.6	300	N	N
I-14-B-4-L	4	38 / 43	0.2 / 0.4	91 / 95	0.75 / 19	1.48 / 37.6	300	Y	N
I-15-B-FR-4	4	35	0.1	97	0.75 / 19	1.48 / 37.6	300	N	N
I-15-B-4-L	4	38 / 43	0.2 / 0.4	91 / 95	0.75 / 19	1.48 / 37.6	300	Y	N
I-15-B-FR-5	5	35	0.1	97	0.75 / 19	1.48 / 37.6	300	N	N
I-15-B-5-L	5	38 / 43	0.2 / 0.4	91 / 95	0.75 / 19	1.48 / 37.6	300	Y	N
I-15-T-5-H	5	35 / 38	0.5 / 0.7	85 / 89	1.375 / 34.9	4.92 / 125	300	Y	N
I-16-B-FR-4	4	35	0.1	97	0.75 / 19	1.48 / 37.6	300	N	N
I-16-B-4-L	4	38 / 43	0.2 / 0.4	91 / 95	0.75 / 19	1.48 / 37.6	300	Y	N
I-17-B-FR-4	4	28	0.25	97	0.75 / 19	1.48 / 37.6	50	N	N
I-17-B-4-L	4	30 / 35	0.4 / 0.6	86 / 91	0.75 / 19	1.48 / 37.6	50	Y	N
I-21-B-FR-4	4	28	0.5	89	0.75 / 19	1.48 / 37.6	25	N	N
I-21-B-4-L	4	30 / 35	0.8 / 1	79 / 83	0.75 / 19	1.48 / 37.6	25	Y	N
I-21-B-FR-5	5	28	0.5	89	0.75 / 19	1.48 / 37.6	25	N	N
I-21-B-5-L	5	30 / 35	0.8 / 1	79 / 83	0.75 / 19	1.48 / 37.6	25	Y	N
I-23-B-FR-4	4	28	0.5	89	0.75 / 19	1.48 / 37.6	25	N	N
I-23-B-4-L	4	30 / 35	0.8 / 1	79 / 83	0.75 / 19	1.48 / 37.6	25	Y	N
I-23-B-FR-5	5	28	0.5	89	0.75 / 19	1.48 / 37.6	25	N	N
I-23-B-5-L	5	30 / 35	0.8 / 1	79 / 83	0.75 / 19	1.48 / 37.6	25	Y	N
LPE Film Based - Double Stage									
I-12-UHP-4 or 5	4 or 5	60 / 65	0.5 / 1.0	79 / 89	0.75 / 19	1.67 / 42.3	300	N	N
I-13-UHP-4 or 5	4 or 5	63 / 75	0.4 / 0.8	83 / 91	0.75 / 19	1.67 / 42.3	300	N	N
I-14-UHP-4 or 5	4 or 5	63 / 75	0.4 / 0.8	83 / 91	0.75 / 19	1.67 / 42.3	300	N	N
I-15-UHP-4 or 5	4 or 5	63 / 75	0.4 / 0.8	83 / 91	0.75 / 19	1.67 / 42.3	300	N	N
I-16-UHP-4 or 5	4 or 5	63 / 75	0.4 / 0.8	83 / 91	0.75 / 19	1.67 / 42.3	300	N	N
I-17-UHP-4 or 5	4 or 5	63 / 75	0.4 / 0.8	83 / 91	0.75 / 19	1.67 / 42.3	50	N	N
I-21-UHP-4 or 5	4 or 5	63 / 75	1.5 / 2	63 / 70	0.75 / 19	1.67 / 42.3	25	N	N
I-23-UHP-4 or 5	4 or 5	63 / 75	1.5 / 2	63 / 70	0.75 / 19	1.67 / 42.3	25	N	N