

**Currents for T10 test beam optics, nominal focus (2 m downstream of XDWC)**

<b>Momentum</b>	<b>QDE1</b>	<b>QFO2</b>	<b>BHZ1</b>	<b>QFO3</b>	<b>BHZ2</b>	<b>BHZ3</b>	<b>QFO4</b>	<b>QDE5</b>	<b>BVT1</b>
1.00	83.5393	89.4510	108.9331	49.7667	56.2401	46.9567	55.4866	66.0519	33.9210
1.50	125.7611	134.7305	163.2492	74.6500	84.3602	70.4350	83.2485	99.1133	50.8815
2.00	168.5218	180.6692	217.4176	99.5333	112.4803	93.9134	111.0426	132.2409	67.8419
2.50	211.9918	227.4735	271.4349	124.4167	140.6003	117.3917	138.8962	165.4949	84.8024
3.00	256.3318	275.3362	325.3407	149.3000	168.7204	140.8701	166.8495	198.9697	101.7629
3.50	301.6892	324.4267	379.2219	174.1833	196.8405	164.3484	194.9611	232.8038	118.7234
4.00	348.1894	374.8919	433.2237	199.0667	224.9605	187.8268	223.3119	267.1938	135.6839
4.50	395.9451	426.8635	487.5689	223.9500	253.0806	211.3051	252.0100	302.4193	152.6444
5.00	445.0657	480.5038	542.5747	248.8333	281.2007	234.7834	281.2006	338.8810	169.6049
5.50	495.7119	536.1200	598.7034	273.7167	309.3207	258.2618	311.0797	377.1764	186.5653
6.00	548.1989	594.4260	656.6453	298.6000	337.4408	281.7401	341.9136	418.2535	203.5258

<i>Move focus by:</i>	<b>2.5 m</b>		<b>5 m</b>		<b>10 m</b>		<b>15 m</b>	
<b>Momentum</b>	<b>QFO4</b>	<b>QDE5</b>	<b>QFO4</b>	<b>QDE5</b>	<b>QFO4</b>	<b>QDE5</b>	<b>QFO4</b>	<b>QDE5</b>
1.00	51.2211	54.5341	48.5032	48.5663	45.2134	42.3919	43.2823	39.1976
1.50	76.8457	81.8187	72.7664	72.8611	67.8292	63.5951	64.9313	58.8020
2.00	102.4937	109.1333	97.0485	97.1749	90.4594	84.8096	86.5924	78.4148
2.50	128.1840	136.5031	121.3639	121.5221	113.1146	106.0434	108.2745	98.0417
3.00	153.9442	163.9653	145.7350	145.9255	135.8108	127.3082	129.9906	117.6907
3.50	179.8141	191.5736	170.1915	170.4146	158.5694	148.6200	151.7581	137.3736
4.00	205.8477	219.4022	194.7750	195.0316	181.4198	170.0003	173.6010	157.1043
4.50	232.1175	247.5499	219.5404	219.8315	204.4006	191.4772	195.5500	176.9025
5.00	258.7170	276.1488	244.5582	244.8855	227.5616	213.0862	217.6454	196.7921
5.50	285.7704	305.3760	269.9200	270.2857	250.9651	234.8730	239.9367	216.8036
6.00	313.4396	335.4695	295.7442	296.1515	274.6906	256.8928	262.4867	236.9740

**For focus at XDWC:**

<i>Move focus to:</i> XDWC		
<b>Momentum</b>	<b>QFO4</b>	<b>QDE5</b>
1.00	60.0319	82.7063
1.50	90.0728	124.1440
2.00	120.1578	165.7556
2.50	150.3265	207.7173
3.00	180.6375	250.3173
3.50	211.1766	294.0007
4.00	242.0648	339.4636
4.50	273.4657	387.8442
5.00	305.6064	441.1939
5.50	338.8018	503.9138
6.00	373.5066	589.2896