

DLC @ 5 deg incidence
backward

Reflectivity, pos 1 0.0048
 Reflectivity, pos 2 0.0048
 slope exponent 0.9
 break-over angle, deg 0.5
 Max BRDF 0.3
 large angle BRDF 5.00E-06
 micro-roughness angle 10
 micro-roughness constant 15233.79035

Angle	Angle(minus)	BRDF, pos 1	BRDF, pos 2	angle(minus)	Instrument	parametric fit
-90	90	2.11E-05	2.18E-05			2.78859E-05
-89.494	89.494	2.18E-05	2.13E-05			2.81193E-05
-88.988	88.988	2.15E-05	2.20E-05			2.83565E-05
-88.482	88.482	2.15E-05	2.71E-05			2.85975E-05
-87.976	87.976	2.22E-05	3.11E-05			2.88423E-05
-87.47	87.47	2.39E-05	3.09E-05			2.90911E-05
-86.964	86.964	2.62E-05	3.06E-05			2.9344E-05
-86.458	86.458	2.79E-05	3.08E-05			2.96011E-05
-85.952	85.952	2.99E-05	2.92E-05			2.98624E-05
-85.446	85.446	3.19E-05	3.17E-05			3.0128E-05
-84.94	84.94	3.16E-05	3.75E-05			3.03981E-05
-84.434	84.434	3.11E-05	4.45E-05			3.06727E-05
-83.928	83.928	3.30E-05	5.07E-05			3.0952E-05
-83.422	83.422	3.45E-05	4.87E-05			3.1236E-05
-82.916	82.916	3.31E-05	4.02E-05			3.15249E-05
-82.41	82.41	2.96E-05	3.42E-05			3.18188E-05
-81.9041	81.9041	2.78E-05	3.55E-05			3.21177E-05
-81.3981	81.3981	2.99E-05	3.68E-05			3.24218E-05
-80.8921	80.8921	3.33E-05	3.46E-05			3.27313E-05
-80.3861	80.3861	3.61E-05	3.29E-05			3.30463E-05
-79.8801	79.8801	3.93E-05	3.14E-05			3.33669E-05
-79.3741	79.3741	4.30E-05	3.11E-05			3.36932E-05
-78.8681	78.8681	4.30E-05	3.29E-05			3.40254E-05
-78.3621	78.3621	3.92E-05	3.63E-05			3.43637E-05
-77.8561	77.8561	3.66E-05	3.84E-05			3.47081E-05
-77.3501	77.3501	3.58E-05	3.92E-05			3.50588E-05
-76.8441	76.8441	3.83E-05	4.04E-05			3.5416E-05

-76.3381	76.3381	4.02E-05	4.49E-05	3.57798E-05
-75.8321	75.8321	3.67E-05	5.02E-05	3.61505E-05
-75.3261	75.3261	3.45E-05	5.11E-05	3.65281E-05
-74.8201	74.8201	3.53E-05	4.67E-05	3.69129E-05
-74.3141	74.3141	3.79E-05	4.38E-05	3.73051E-05
-73.8081	73.8081	4.21E-05	4.23E-05	3.77048E-05
-73.3021	73.3021	4.44E-05	4.12E-05	3.81123E-05
-72.7961	72.7961	4.46E-05	3.98E-05	3.85277E-05
-72.2901	72.2901	4.46E-05	4.04E-05	3.89513E-05
-71.7841	71.7841	4.55E-05	4.26E-05	3.93833E-05
-71.2781	71.2781	4.67E-05	4.33E-05	3.98239E-05
-70.7721	70.7721	4.85E-05	4.35E-05	4.02733E-05
-70.2661	70.2661	4.72E-05	4.35E-05	4.07318E-05
-69.7601	69.7601	4.44E-05	4.23E-05	4.11997E-05
-69.2541	69.2541	4.31E-05	4.21E-05	4.16771E-05
-68.7481	68.7481	4.05E-05	4.23E-05	4.21645E-05
-68.2421	68.2421	4.13E-05	4.29E-05	4.26619E-05
-67.7361	67.7361	4.45E-05	4.82E-05	4.31698E-05
-67.2301	67.2301	4.98E-05	5.61E-05	4.36885E-05
-66.7242	66.7242	5.25E-05	6.09E-05	4.4218E-05
-66.2182	66.2182	5.36E-05	5.83E-05	4.47591E-05
-65.7122	65.7122	5.56E-05	5.34E-05	4.53118E-05
-65.2062	65.2062	5.53E-05	5.12E-05	4.58766E-05
-64.7002	64.7002	5.42E-05	4.82E-05	4.64538E-05
-64.1942	64.1942	5.07E-05	4.45E-05	4.70438E-05
-63.6882	63.6882	4.88E-05	4.89E-05	4.76469E-05
-63.1822	63.1822	4.82E-05	5.37E-05	4.82637E-05
-62.6762	62.6762	4.82E-05	5.31E-05	4.88943E-05
-62.1702	62.1702	4.90E-05	5.07E-05	4.95395E-05
-61.6642	61.6642	5.28E-05	5.06E-05	5.01994E-05
-61.1582	61.1582	5.07E-05	5.29E-05	5.08748E-05
-60.6522	60.6522	4.94E-05	5.53E-05	5.15659E-05
-60.1462	60.1462	5.13E-05	5.78E-05	5.22734E-05
-59.6402	59.6402	5.17E-05	6.22E-05	5.29977E-05
-59.1342	59.1342	4.83E-05	6.87E-05	5.37395E-05
-58.6282	58.6282	4.41E-05	6.93E-05	5.44992E-05
-58.1222	58.1222	4.46E-05	6.76E-05	5.52776E-05
-57.6162	57.6162	4.70E-05	6.78E-05	5.60751E-05
-57.1102	57.1102	5.16E-05	6.96E-05	5.68925E-05
-56.6042	56.6042	5.76E-05	7.14E-05	5.77304E-05
-56.0982	56.0982	6.19E-05	7.26E-05	5.85895E-05
-55.5922	55.5922	6.12E-05	7.12E-05	5.94707E-05
-55.0862	55.0862	5.92E-05	6.82E-05	6.03745E-05

-54.5802	54.5802	5.84E-05	6.70E-05	6.13019E-05
-54.0742	54.0742	6.20E-05	6.31E-05	6.22537E-05
-53.5682	53.5682	6.60E-05	5.94E-05	6.32308E-05
-53.0622	53.0622	6.81E-05	5.77E-05	6.42341E-05
-52.5562	52.5562	6.65E-05	5.82E-05	6.52645E-05
-52.0502	52.0502	6.47E-05	6.07E-05	6.6323E-05
-51.5442	51.5442	6.43E-05	6.18E-05	6.74108E-05
-51.0382	51.0382	6.43E-05	6.76E-05	6.85288E-05
-50.5322	50.5322	6.37E-05	7.60E-05	6.96784E-05
-50.0262	50.0262	6.49E-05	8.12E-05	7.08606E-05
-49.5202	49.5202	6.66E-05	8.03E-05	7.20768E-05
-49.0142	49.0142	6.85E-05	7.55E-05	7.33283E-05
-48.5082	48.5082	6.66E-05	7.68E-05	7.46164E-05
-48.0022	48.0022	6.49E-05	9.73E-05	7.59428E-05
-47.4962	47.4962	6.89E-05	8.91E-05	7.73089E-05
-46.9902	46.9902	7.23E-05	9.43E-05	7.87163E-05
-46.4842	46.4842	7.49E-05	9.34E-05	8.01668E-05
-45.9781	45.9781	7.28E-05	8.53E-05	8.16625E-05
-45.4721	45.4721	7.39E-05	8.58E-05	8.32047E-05
-44.9661	44.9661	7.29E-05	9.48E-05	8.47958E-05
-44.4601	44.4601	7.26E-05	1.01E-04	8.64377E-05
-43.9541	43.9541	7.37E-05	9.83E-05	8.81328E-05
-43.4481	43.4481	9.26E-05	9.50E-05	8.98834E-05
-42.9421	42.9421	9.05E-05	9.56E-05	9.1692E-05
-42.4361	42.4361	9.79E-05	9.02E-05	9.35613E-05
-41.9301	41.9301	1.01E-04	8.45E-05	9.54941E-05
-41.4241	41.4241	9.65E-05	8.73E-05	9.74933E-05
-40.9181	40.9181	9.50E-05	9.38E-05	9.9562E-05
-40.4121	40.4121	9.63E-05	9.97E-05	0.000101704
-39.9061	39.9061	9.62E-05	1.01E-04	0.000103922
-39.4001	39.4001	9.41E-05	1.04E-04	0.00010622
-38.8941	38.8941	9.30E-05	1.07E-04	0.000108602
-38.3881	38.3881	9.23E-05	1.06E-04	0.000111073
-37.8821	37.8821	9.96E-05	9.94E-05	0.000113636
-37.3761	37.3761	1.05E-04	1.09E-04	0.000116297
-36.8701	36.8701	1.08E-04	1.18E-04	0.000119062
-36.3641	36.3641	1.04E-04	1.23E-04	0.000121934
-35.8581	35.8581	1.07E-04	1.21E-04	0.00012492
-35.3521	35.3521	1.14E-04	1.26E-04	0.000128027
-34.8461	34.8461	1.14E-04	1.20E-04	0.000131261
-34.3401	34.3401	1.21E-04	1.13E-04	0.000134629
-33.8341	33.8341	1.31E-04	1.14E-04	0.000138138
-33.3281	33.3281	1.42E-04	1.24E-04	0.000141798

-32.8221	32.8221	1.33E-04	1.32E-04	0.000145617
-32.3161	32.3161	1.27E-04	1.23E-04	0.000149604
-31.8101	31.8101	1.24E-04	1.19E-04	0.00015377
-31.3041	31.3041	1.39E-04	1.27E-04	0.000158125
-30.7981	30.7981	1.56E-04	1.43E-04	0.000162682
-30.2921	30.2921	1.68E-04	1.54E-04	0.000167454
-29.7861	29.7861	1.66E-04	1.46E-04	0.000172454
-29.2801	29.2801	1.62E-04	1.49E-04	0.000177697
-28.7741	28.7741	1.66E-04	1.59E-04	0.000183201
-28.2681	28.2681	1.76E-04	1.62E-04	0.000188982
-27.7621	27.7621	1.93E-04	1.49E-04	0.00019506
-27.2561	27.2561	2.16E-04	1.47E-04	0.000201457
-26.7501	26.7501	2.14E-04	1.64E-04	0.000208194
-26.2441	26.2441	2.01E-04	1.74E-04	0.000215298
-25.7381	25.7381	1.96E-04	1.73E-04	0.000222796
-25.2321	25.2321	1.91E-04	1.84E-04	0.000230718
-24.7261	24.7261	1.90E-04	1.95E-04	0.000239098
-24.2201	24.2201	2.10E-04	2.06E-04	0.000247971
-23.7141	23.7141	2.20E-04	2.20E-04	0.000257379
-23.2081	23.2081	2.60E-04	2.27E-04	0.000267366
-22.7021	22.7021	2.98E-04	2.35E-04	0.000277981
-22.1961	22.1961	3.28E-04	2.40E-04	0.00028928
-21.6901	21.6901	3.56E-04	2.49E-04	0.000301323
-21.1841	21.1841	3.90E-04	2.62E-04	0.000314178
-20.6781	20.6781	4.16E-04	2.75E-04	0.000327923
-20.1721	20.1721	4.16E-04	2.85E-04	0.000342642
-19.6661	19.6661	3.77E-04	3.15E-04	0.000358431
-19.1601	19.1601	3.37E-04	3.39E-04	0.000375399
-18.6541	18.6541	3.26E-04	3.62E-04	0.000393668
-18.1481	18.1481	3.47E-04	3.85E-04	0.000413379
-17.6421	17.6421	3.41E-04	4.02E-04	0.000434689
-17.1361	17.1361	3.50E-04	4.55E-04	0.000457779
-16.6301	16.6301	3.63E-04	4.82E-04	0.000482859
-16.1241	16.1241	4.07E-04	4.87E-04	0.000510167
-15.6181	15.6181	4.74E-04	5.03E-04	0.000539982
-15.1121	15.1121	6.83E-04	5.31E-04	0.000572625
-14.6061	14.6061	7.24E-04	5.64E-04	0.000608474
-14.1001	14.1001	7.04E-04	5.90E-04	0.000647971
-13.5941	13.5941	6.16E-04	6.23E-04	0.000691639
-13.0881	13.0881	2.76E-04	2.62E-04	0.000740098
-12.5821	12.5821	1.30E-06	1.33E-06	0.000794092
-12.0761	12.0761	1.81E-06	1.86E-06	0.000854512
-11.5701	11.5701	2.32E-06	2.43E-06	0.000922443

-11.0641	11.0641			1.79E-06	1.96E-06		0.000999211
-10.5581	10.5581			1.32E-06	1.55E-06		0.001086448
-10.0521	10.0521			1.05E-06	1.32E-06		0.00118619
-9.5461	9.5461			1.40E-06	1.61E-06		0.001301
-9.0401	9.0401			1.47E-06	1.59E-06		0.001434136
-8.5341	8.5341			1.11E-06	1.02E-06		0.001589806
-8.0281	8.0281			1.24E-06	9.42E-07		0.001773508
-7.5221	7.5221			1.59E-06	1.41E-06		0.001992553
-7.0161	7.0161			1.67E-06	1.58E-06		0.002256827
-6.5101	6.5101			1.71E-06	1.64E-06		0.002579985
-6.0041	6.0041			4.77E-05	3.02E-05		0.002981316
-5.4981	5.4981			2.87E-03	1.55E-03		0.003488819
-4.9921	4.9921			3.87E-03	3.39E-03		0.004144421
-4.4861	4.4861			5.47E-03	5.63E-03		0.005013269
-4.3201	4.3201			6.50E-03	7.62E-03		0.005360977
-4.1541	4.1541			6.96E-03	8.18E-03		0.00574756
-3.9881	3.9881			7.24E-03	9.39E-03		0.006179129
-3.8221	3.8221			6.92E-03	9.56E-03		0.006663056
-3.6561	3.6561			7.09E-03	9.41E-03		0.007208296
-3.4901	3.4901			7.69E-03	9.62E-03		0.007825818
-3.3241	3.3241			8.30E-03	1.04E-02		0.008529168
-3.1581	3.1581			8.76E-03	1.08E-02		0.009335243
-2.9921	2.9921			9.82E-03	1.09E-02		0.010265321
-2.8261	2.8261			1.13E-02	1.17E-02		0.011346513
-2.6601	2.6601			1.31E-02	1.17E-02		0.012613773
-2.4941	2.4941			1.43E-02	1.25E-02		0.014112777
-2.3281	2.3281			1.54E-02	1.30E-02		0.015904099
-2.1621	2.1621			1.60E-02	1.27E-02		0.018069383
-1.9961	1.9961			1.87E-02	1.34E-02	1.16E-04	0.020720662
-1.8301	1.8301	-1.8901	1.16E-04	2.24E-02	1.43E-02	1.18E-04	0.024014739
-1.6641	1.6641	-1.7241	1.18E-04	2.62E-02	1.74E-02	2.70E-04	0.028175923
-1.4981	1.4981	-1.5581	2.70E-04	3.29E-02	2.02E-02	5.42E-03	0.033532812
-1.3321	1.3321	-1.3921	5.42E-03	2.93E-02	1.25E-02	2.73E-03	0.040579194
-1.2901	1.2901	-1.3501	2.73E-03	3.55E-02	9.52E-03	2.18E-03	0.042712417
-1.2481	1.2481	-1.3081	2.18E-03	3.79E-02	6.41E-03	2.41E-03	0.045016361
-1.2061	1.2061	-1.2661	2.41E-03	4.40E-02	5.45E-03	3.03E-03	0.047508945
-1.1641	1.1641	-1.2241	3.03E-03	4.80E-02	6.74E-03	3.90E-03	0.050210332
-1.1221	1.1221	-1.1821	3.90E-03	4.94E-02	8.22E-03	4.65E-03	0.053143231
-1.0801	1.0801	-1.1401	4.65E-03	5.06E-02	1.06E-02	6.02E-03	0.056333238
-1.0381	1.0381	-1.0981	6.02E-03	5.72E-02	1.23E-02	1.79E-02	0.059809218
-0.9961	0.9961	-1.0561	1.79E-02	6.09E-02	1.13E-02	3.05E-02	0.063603714
-0.9541	0.9541	-1.0141	3.05E-02	5.91E-02	1.23E-02		0.067753401
-0.9121	0.9121	-0.9721	9.42E-02	6.60E-02	1.15E-02	9.42E-02	0.07229954

-0.8701	0.8701	-0.9301	1.78E-01	8.09E-02	1.00E-02		1.78E-01	0.077288434
-0.8281	0.8281	-0.8881	2.77E-01	1.05E-01	1.35E-02		2.77E-01	0.082771842
-0.7861	0.7861	-0.8461	2.94E-01	1.12E-01	2.37E-02	2.27E+00	2.94E-01	0.088807264
-0.7441	0.7441	-0.8041	2.68E-01	9.76E-02	4.36E-02	2.10E+00	2.68E-01	0.095458027
-0.7021	0.7021	-0.7621	3.95E-01	8.78E-02	6.19E-02	1.94E+00	3.95E-01	0.102792984
-0.6601	0.6601	-0.7201	5.87E-01	9.46E-02	1.64E-01	1.77E+00	5.87E-01	0.110885614
-0.6181	0.6181	-0.6781	7.07E-01	9.78E-02	3.52E-01	1.60E+00	7.07E-01	0.119812166
-0.5761	0.5761	-0.6361	9.13E-01	1.07E-01	1.40E+00	1.44E+00	9.13E-01	0.129648371
-0.5341	0.5341	-0.5941	1.56E+00	9.75E-02	3.88E+00	1.40E+00	1.56E+00	0.140464081
-0.4921	0.4921	-0.5521	3.14E+00	2.08E-01	1.47E+01	1.35E+00	3.14E+00	0.152314968
-0.4501	0.4501	-0.5101	6.45E+00	4.18E-01	2.21E+01	1.31E+00	6.45E+00	0.165230333
-0.4081	0.4081	-0.4681	1.52E+01	9.90E-01	3.28E+01	1.27E+00	1.52E+01	0.179196
-0.3661	0.3661	-0.4261	3.55E+01	1.94E+00	4.52E+01	1.23E+00	3.55E+01	0.19413168
-0.3551	0.3551	-0.3841	1.76E+02	3.44E+00	4.66E+01	1.19E+00	1.76E+02	0.198184612
-0.3441	0.3441	-0.3421	6.71E+02	6.00E+00	4.71E+01	1.14E+00	6.71E+02	0.202288383
-0.3331	0.3331	-0.3311	1.07E+03	9.21E+00	4.77E+01	1.10E+00	1.07E+03	0.206437953
-0.3221	0.3221	-0.3201	1.65E+03	1.45E+01	4.74E+01	1.06E+00	1.65E+03	0.210627621
-0.3111	0.3111	-0.3091	2.38E+03	1.61E+01	4.77E+01	1.02E+00	2.38E+03	0.214850987
-0.3001	0.3001	-0.2981	3.26E+03	1.96E+01	4.82E+01	9.76E-01	3.26E+03	0.21910092
-0.2891	0.2891	-0.2871	4.14E+03	2.29E+01	4.87E+01	9.34E-01	4.14E+03	0.223369531
-0.2781	0.2781	-0.2761	4.94E+03	2.54E+01	4.94E+01	8.92E-01	4.94E+03	0.227648152
-0.2671	0.2671	-0.2651	5.72E+03	2.82E+01	5.00E+01	8.50E-01	5.72E+03	0.231927317
-0.2561	0.2561	-0.2541	6.36E+03	3.05E+01	4.94E+01	8.08E-01	6.36E+03	0.236196753
-0.2451	0.2451	-0.2431	6.85E+03	3.22E+01	4.98E+01	7.66E-01	6.85E+03	0.240445384
-0.2341	0.2341	-0.2321	7.25E+03	3.39E+01	5.02E+01	7.24E-01	7.25E+03	0.244661341
-0.2231	0.2231	-0.2211	7.50E+03	3.49E+01	4.89E+01	6.82E-01	7.50E+03	0.248831982
-0.2121	0.2121	-0.2101	7.68E+03	3.55E+01	4.86E+01	6.40E-01	7.68E+03	0.252943936
-0.2011	0.2011	-0.1991	7.81E+03	3.56E+01	4.71E+01	5.98E-01	7.81E+03	0.256983142
-0.1901	0.1901	-0.1881	7.86E+03	3.55E+01	4.54E+01	5.56E-01	7.86E+03	0.260934927
-0.1791	0.1791	-0.1771	7.84E+03	3.47E+01	4.35E+01	5.14E-01	7.84E+03	0.264784081
-0.1681	0.1681	-0.1661	7.83E+03	3.35E+01	4.12E+01	4.72E-01	7.83E+03	0.268514957
-0.1571	0.1571	-0.1551	7.78E+03	3.25E+01	3.97E+01	4.30E-01	7.78E+03	0.272111587
-0.1461	0.1461	-0.1441	7.76E+03	3.25E+01	3.88E+01	3.88E-01	7.76E+03	0.275557812
-0.1351	0.1351	-0.1331	7.78E+03	3.28E+01	3.70E+01	3.46E-01	7.78E+03	0.278837429
-0.1241	0.1241	-0.1221	7.89E+03	3.32E+01	3.65E+01	3.35E-01	7.89E+03	0.281934351
-0.1131	0.1131	-0.1111	8.08E+03	3.39E+01	3.58E+01	3.24E-01	8.08E+03	0.284832778
-0.1021	0.1021	-0.1001	8.33E+03	3.50E+01	3.57E+01	3.13E-01	8.33E+03	0.287517378
-0.0911	0.0911	-0.0891	8.69E+03	3.67E+01	3.62E+01	3.02E-01	8.69E+03	0.289973468
-0.0801	0.0801	-0.0781	9.12E+03	3.74E+01	3.63E+01	2.91E-01	9.12E+03	0.29218721
-0.0691	0.0691	-0.0671	9.53E+03	3.82E+01	3.62E+01	2.80E-01	9.53E+03	0.29414579
-0.0581	0.0581	-0.0561	1.00E+04	3.88E+01	3.57E+01	2.69E-01	1.00E+04	0.2958376
-0.0471	0.0471	-0.0451	1.03E+04	3.89E+01	3.53E+01	2.58E-01	1.03E+04	0.297252405
-0.0361	0.0361	-0.0341	1.07E+04	3.86E+01	3.48E+01	2.47E-01	1.07E+04	0.298381497

-0.0251	0.0251	-0.0231	1.08E+04	3.77E+01	3.44E+01	2.36E-01	1.08E+04	0.299217828
-0.0141	0.0141	-0.0121	1.08E+04	3.65E+01	3.34E+01	2.25E-01	1.08E+04	0.299756123
-0.0031	0.0031	-0.0011	1.07E+04	3.55E+01	3.23E+01	2.14E-01	1.07E+04	0.29999296

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BRDF DLC, 5 deg incidence Backward Scatter

