

## IKONOS Relative Radiometric Response Curves

Wavelength (nm)	PAN	BLUE	GREEN	RED	NIR
350	0.000777411	0.000773147	0.000643373	0	0.000894394
355	0.000619473	0.001462687	0.000799761	0.000503948	0.000532235
360	0.000360699	0.000865817	0.000729425	0.000390639	0.000673881
365	0.000243538	0.000730896	0.000806087	0.000596534	0.00084684
370	0.000434664	0.000717243	0.000577317	0.000328434	0.000728763
375	0.000914047	0.00125068	0.000841967	0.000846728	0.000905846
380	0.002400178	0.001703542	0.000640949	0.000650345	0.000903701
385	0.005250308	0.001921796	0.000868757	0.000382543	0.00230447
390	0.010245125	0.002790044	0.000595627	0.001497446	0.00212367
395	0.016984666	0.005183657	0.001309834	0.002020025	0.004160707
400	0.026385823	0.00767318	0.001202194	0.003020629	0.005239564
405	0.038041916	0.008790581	0.002686709	0.003515889	0.007585782
410	0.052265005	0.011868646	0.000989541	0.004007749	0.010529217
415	0.066479044	0.017451993	0.001272565	0.004127927	0.020679083
420	0.083488105	0.035004138	0.001944934	0.007784226	0.034606915
425	0.100976003	0.085397997	0.002651893	0.008391583	0.044575285
430	0.123783451	0.192927863	0.003375322	0.008192364	0.037077859
435	0.147828085	0.330545578	0.00403689	0.005057011	0.018122511
440	0.169514528	0.419484061	0.005702158	0.002608759	0.016147587
445	0.19348053	0.50818577	0.009070902	0.004294291	0.017633697
450	0.205034109	0.613230525	0.011339041	0.005454676	0.016837282
455	0.244649971	0.674206449	0.011295982	0.005461991	0.016765554
460	0.261260174	0.720431949	0.01303784	0.002913885	0.018858812
465	0.28176425	0.760830928	0.017194767	0.001697729	0.014331057
470	0.300737519	0.760104272	0.024458576	0.001542299	0.009814703
475	0.31832209	0.788336313	0.036703954	0.003641394	0.015305125
480	0.324481284	0.856577704	0.050263808	0.004281437	0.022097758
485	0.334290488	0.88935769	0.062755079	0.002515174	0.026839345
490	0.342899392	0.9436362	0.109358072	0.002031793	0.027276465
495	0.350878632	1	0.193106673	0.001327659	0.017431805
500	0.359028376	0.986786215	0.291066857	0.001498664	0.007473811
505	0.37494414	0.925542485	0.43956782	0.001509382	0.005197744
510	0.392165633	0.761332641	0.650722918	0.002127821	0.005731829
515	0.42360872	0.542443112	0.806551494	0.002362798	0.004201433
520	0.455668101	0.313930058	0.871746073	0.002715802	0.003303535
525	0.488904166	0.204092279	0.888354544	0.00338183	0.002483531
530	0.529482699	0.15192548	0.889775087	0.002868656	0.002563041
535	0.568729828	0.085621597	0.874928077	0.002859188	0.006063973
540	0.616085652	0.043174832	0.852108057	0.004058896	0.011235589
545	0.662181985	0.030974015	0.892319863	0.006020547	0.013287846
550	0.698943108	0.02664294	0.997668725	0.00716591	0.009335331
555	0.742828578	0.022152708	0.966134411	0.009337759	0.007349425
560	0.785885573	0.022138066	0.90773708	0.009253946	0.006627664
565	0.825105694	0.026222431	0.893217672	0.008743554	0.006615038

570	0.862742786	0.02956552	0.945860156	0.009516197	0.00943779
575	0.901378866	0.026978237	0.997232382	0.010344276	0.013294658
580	0.944957981	0.022620651	0.959822939	0.013326159	0.012024252
585	0.952999088	0.025427474	0.877438731	0.020432962	0.006847104
590	0.968579267	0.030501319	0.749737408	0.028453462	0.003623619
595	0.977989081	0.027355694	0.501969792	0.034730641	0.003202742
600	0.967014794	0.021269693	0.283161978	0.042809753	0.003160407
605	0.993928874	0.02172031	0.159878383	0.057518875	0.002899875
610	0.992613526	0.029594108	0.106831214	0.085453384	0.004087403
615	0.983537833	0.034222388	0.082488124	0.124857967	0.004456266
620	1	0.027068985	0.064010815	0.176409533	0.004052104
625	0.992914134	0.019496044	0.047370052	0.258443502	0.004595861
630	0.999997913	0.019494495	0.031965955	0.418846919	0.005410718
635	0.987320193	0.019029528	0.02268674	0.638115665	0.005112483
640	0.973089005	0.013971334	0.016569918	0.80451162	0.007268396
645	0.941885788	0.007349633	0.01448429	0.878359967	0.007149604
650	0.936901239	0.00595189	0.014836192	0.919590412	0.008467619
655	0.903270281	0.005149861	0.016221587	0.953235248	0.012251442
660	0.887086352	0.007876172	0.018641834	0.955855612	0.016844472
665	0.869238359	0.012332748	0.019873041	0.928851827	0.019310267
670	0.883791366	0.019960881	0.018794257	0.938893977	0.021381415
675	0.882573329	0.02205759	0.015159362	0.986630116	0.022096626
680	0.884479283	0.020786423	0.012519733	0.996794476	0.023315482
685	0.895274828	0.019005236	0.011884634	0.907921523	0.025043792
690	0.896529528	0.015479189	0.010866113	0.769752686	0.024854784
695	0.926004341	0.009734887	0.013545742	0.591927289	0.026625855
700	0.923232471	0.00680854	0.016509155	0.421517162	0.028339905
705	0.907606603	0.004923039	0.018302622	0.305314121	0.034749026
710	0.90142977	0.005382782	0.015880356	0.226223576	0.043749107
715	0.904613448	0.011521997	0.011200067	0.15833408	0.053964385
720	0.899908291	0.02224642	0.006347717	0.104578424	0.076355211
725	0.887406937	0.023987964	0.005508659	0.067351972	0.104661278
730	0.892865699	0.012064753	0.003390605	0.044734725	0.146941152
735	0.886519891	0.004021651	0.003879255	0.029932545	0.196939303
740	0.898038671	0.002213777	0.003511675	0.023949286	0.259160117
745	0.911135496	0.002554635	0.002968302	0.02197624	0.308766755
750	0.944026027	0.002261836	0.003113831	0.01836356	0.357119355
755	0.958890185	0.003461024	0.002270666	0.015902878	0.443725549
760	0.935228516	0.002465714	0.003444631	0.016227784	0.565045307
765	0.957854	0.002322038	0.00356676	0.015669734	0.701359009
770	0.97378115	0.003985403	0.005317757	0.016494114	0.836560169
775	0.973977546	0.003608391	0.006505531	0.017114351	0.94273164
780	0.968456577	0.002701237	0.00715721	0.016295915	1
785	0.95900344	0.002381699	0.008876334	0.012097337	0.995998031
790	0.949735664	0.002635685	0.009531903	0.009069065	0.930691424
795	0.915067451	0.002248334	0.008004589	0.006771099	0.832111201
800	0.898418371	0.001598878	0.007032243	0.006219913	0.790895927

805	0.913041514	0.001558789	0.006439312	0.005555039	0.773410518
810	0.934727739	0.001988734	0.00611152	0.004172923	0.762653405
815	0.928348544	0.001995224	0.005616018	0.004224541	0.709043053
820	0.939728189	0.002523881	0.005261471	0.005004365	0.705665589
825	0.906846376	0.003600671	0.006146725	0.003987271	0.690075852
830	0.922384129	0.005622995	0.007388737	0.003965309	0.655882477
835	0.936249701	0.006596727	0.006665409	0.002682972	0.622073461
840	0.951426761	0.007549487	0.006715399	0.003005154	0.581002325
845	0.94515085	0.007963488	0.009429521	0.00254471	0.533915306
850	0.953012859	0.009470805	0.012807927	0.003256782	0.514566955
855	0.923175633	0.008284228	0.014270593	0.00255773	0.487739356
860	0.919131949	0.008774031	0.01592344	0.002626843	0.418096934
865	0.860885077	0.009258309	0.017087005	0.002758247	0.322020215
870	0.873587672	0.010660203	0.017232367	0.002672992	0.248689061
875	0.826995398	0.012502411	0.016278556	0.002844426	0.171258552
880	0.808768363	0.013111267	0.015242255	0.002550937	0.113816124
885	0.792043707	0.013058052	0.013398732	0.002591029	0.07121782
890	0.762086718	0.011862695	0.011966933	0.00247425	0.058025823
895	0.74852114	0.010502905	0.010567856	0.002376187	0.043566164
900	0.707108105	0.009474757	0.009972479	0.002330572	0.027166688
905	0.686848317	0.008789911	0.009192001	0.002891494	0.0194282
910	0.680710967	0.008391329	0.009752961	0.002713315	0.015875173
915	0.669376803	0.008228395	0.008899555	0.003093063	0.013120162
920	0.613999246	0.008021378	0.00842837	0.003911915	0.010670285
925	0.57828894	0.008352498	0.007795826	0.004007761	0.009636836
930	0.555784792	0.008111953	0.007522528	0.004014028	0.008794381
935	0.516439336	0.007994106	0.006969058	0.003455763	0.007088863
940	0.480606188	0.008014633	0.005861949	0.00264696	0.006009957
945	0.470783027	0.006852912	0.005413276	0.002189288	0.005258617
950	0.434473089	0.005448957	0.004568681	0.001638578	0.004949805
955	0.395538169	0.004799628	0.003948954	0.001427508	0.004131006
960	0.351624158	0.004467622	0.003603218	0.001313124	0.004070561
965	0.336892684	0.00409623	0.003260406	0.001377226	0.003857215
970	0.309463289	0.003601885	0.002945814	0.001108577	0.003441013
975	0.284463648	0.00345981	0.002760336	0.001174148	0.003219114
980	0.270626654	0.003261006	0.002784504	0.001159589	0.00278918
985	0.249049284	0.002750861	0.002234557	0.001003708	0.003563464
990	0.236516393	0.002814878	0.002468751	0.001622667	0.002689373
995	0.215544622	0.002376092	0.002232746	0.000980609	0.002512875
1000	0.195489467	0.00234613	0.002535945	0.001327624	0.002749581
1005	0.180065918	0.002619985	0.002066525	0.001433776	0.004493356
1010	0.16396846	0.00264716	0.001733948	0.00294031	0.003786198
1015	0.149330173	0.002601245	0.002099987	0.001751789	0.002007405
1020	0.136371523	0.00160152	0.002039728	0.002340603	0.001793032
1025	0.118681567	0.001945514	0.002218278	0.001259632	0.002754103
1030	0.103633936	0.002417239	0.001376409	0.000897814	0
1035	0.089096608	0.001299615	0.00160249	0	0

1040	0	0	0	0	0	0
1045	0	0	0	0	0	0
1050	0	0	0	0	0	0
1055	0	0	0	0	0	0
1060	0	0	0	0	0	0
1065	0	0	0	0	0	0
1070	0	0	0	0	0	0
1075	0	0	0	0	0	0
1080	0	0	0	0	0	0
1085	0	0	0	0	0	0
1090	0	0	0	0	0	0
1095	0	0	0	0	0	0
1100	0	0	0	0	0	0