

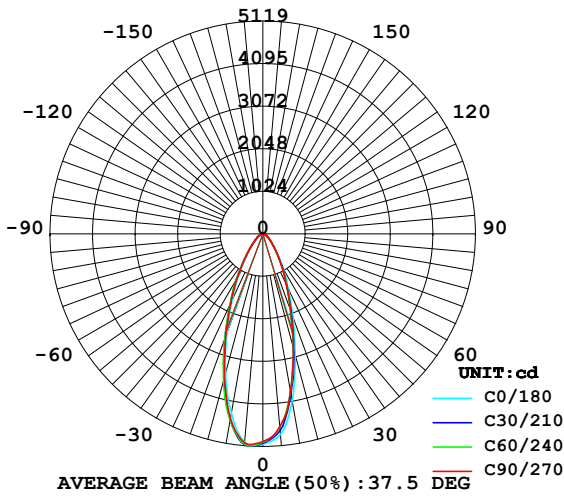
PHOTOMETRIC TEST REPORT

Report number: 0001602

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WS SMALL 72LED CW 30D 25W 220V IP66	TYPE:WALL WASHER	WEIGHT:
SPECIFICATION:WALL WASHER S	DIMENSION: 210*142*73	SERIAL No.:

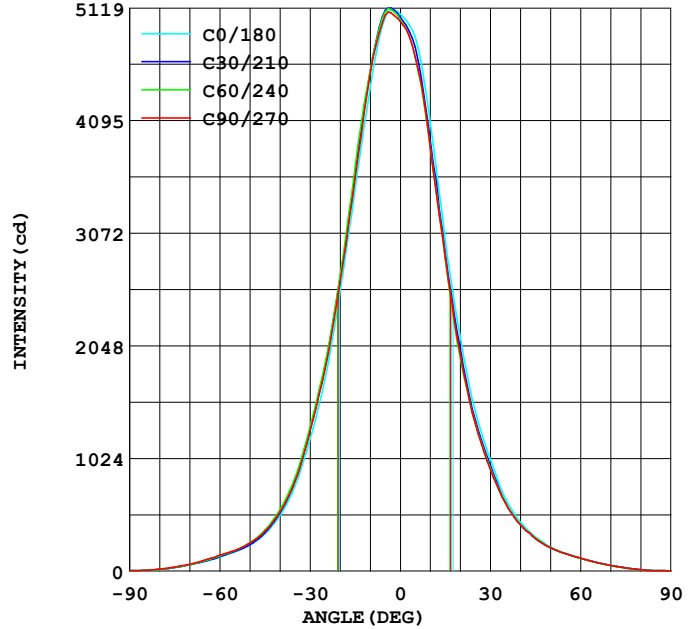
TEST DATA:					
MODEL:	WS S	Imax (cd) :	5121	η street_up (%) :	0.3
NOMINAL POWER(W) :	25	MAXIMUM(C, γ :	45,4.0	η street_down (%) :	55.3
RATED VOLTAGE (V) :	220	TOTAL FLUX(lm) :	2984	η house_up (%) :	0.3
NOMINAL FLUX(lm) :	2983.6	EFFICIENCY(%) :	100.0	η house_down (%) :	44.0
TEST FLUX(lm:	2984	η up (%) :	0.6		
LAMPS QUANTITY:	1	η down (%) :	99.4		

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

LUMINOUS INTENSITY DISTRIBUTION



Test:U:220.6V I:0.119A P:25.51W PF:0.971

Test System:LSG-1600
Temperature:24.3DEG
Operators:REGAIP DASTAN
Test Date:10-24-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
Humidity:55.0%
Test Distance:9.545 m
Remarks: WS S 72 LED CW 30D 25W 220V

ZONAL FLUX DIAGRAM

Report number: 0001602

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WS SMALL 72LED CW 30D 25W 220V IP66	TYPE:WALL WASHER	WEIGHT:
SPECIFICATION:WALL WASHER S	DIMENSION: 210*142*73	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	5033	5100	5053	4910	4855	4719	4673	4735	0- 5	117.9	117.9
10.0	4384	4586	4514	4224	4079	3907	3852	3969	5- 10	319.2	437.2
15.0	3471	3612	3572	3293	3009	2859	2846	2984	10- 15	424.8	862.1
20.0	2540	2657	2629	2346	2129	1959	1969	2150	15- 20	431.8	1294
25.0	1744	1899	1833	1638	1450	1388	1336	1472	20- 25	385.5	1680
30.0	1197	1320	1272	1143	1013	988.4	920.1	1002	25- 30	324.6	2004
35.0	771.7	826.7	816.3	761.4	659.5	632.5	618.2	671.5	30- 35	252.2	2256
40.0	505.0	536.2	536.4	501.8	444.8	430.8	419.1	448.6	35- 40	187.6	2444
45.0	338.1	357.5	361.2	349.3	310.9	307.5	295.0	310.6	40- 45	141.4	2586
50.0	236.8	241.5	255.0	241.3	219.9	219.9	212.6	223.1	45- 50	107.5	2693
55.0	175.3	174.2	187.6	175.9	161.9	161.8	158.0	167.1	50- 55	83.47	2777
60.0	127.1	130.9	143.4	130.1	119.5	121.4	117.2	121.3	55- 60	66.20	2843
65.0	87.37	86.64	99.76	89.46	83.63	84.63	81.17	83.08	60- 65	49.40	2892
70.0	56.12	53.93	63.31	57.12	54.20	55.21	50.83	52.38	65- 70	34.03	2926
75.0	31.52	29.33	37.26	33.34	30.79	31.97	28.24	29.24	70- 75	21.16	2947
80.0	14.21	12.11	17.85	15.39	13.93	14.94	11.84	13.39	75- 80	10.93	2958
85.0	5.648	4.099	7.106	5.375	4.464	6.104	3.826	5.648	80- 85	4.401	2963
90.0	4.099	2.550	4.373	2.824	2.733	4.099	2.550	4.099	85- 90	2.137	2965
95.0	3.917	2.550	3.917	2.642	2.642	3.917	2.642	3.917	90- 95	1.804	2967
100.0	3.735	2.733	3.826	2.642	2.733	3.735	2.733	3.735	95-100	1.765	2968
105.0	3.735	2.824	3.735	2.824	3.006	3.735	2.915	3.735	100-105	1.751	2970
110.0	3.735	3.006	3.735	3.006	3.097	3.735	3.006	3.735	105-110	1.746	2972
115.0	3.826	3.188	3.826	3.188	3.279	3.826	3.279	3.826	110-115	1.754	2974
120.0	4.008	3.462	4.008	3.553	3.644	4.099	3.644	4.008	115-120	1.786	2975
125.0	4.373	3.826	4.282	3.917	4.099	4.373	4.008	4.373	120-125	1.844	2977
130.0	4.828	4.464	4.737	4.555	4.737	5.010	4.737	4.919	125-130	1.952	2979
135.0	5.557	5.284	5.375	5.375	5.648	5.830	5.648	5.648	130-135	2.098	2981
140.0	6.559	6.286	6.377	6.559	6.833	7.015	6.833	6.650	135-140	2.280	2984
145.0	0	0	0	0	0	0	0	0	140-145	0	2984
150.0	0	0	0	0	0	0	0	0	145-150	0	2984
155.0	0	0	0	0	0	0	0	0	150-155	0	2984
160.0	0	0	0	0	0	0	0	0	155-160	0	2984
165.0	0	0	0	0	0	0	0	0	160-165	0	2984
170.0	0	0	0	0	0	0	0	0	165-170	0	2984
175.0	0	0	0	0	0	0	0	0	170-175	0	2984
180.0	0	0	0	0	0	0	0	0	175-180	0	2984
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

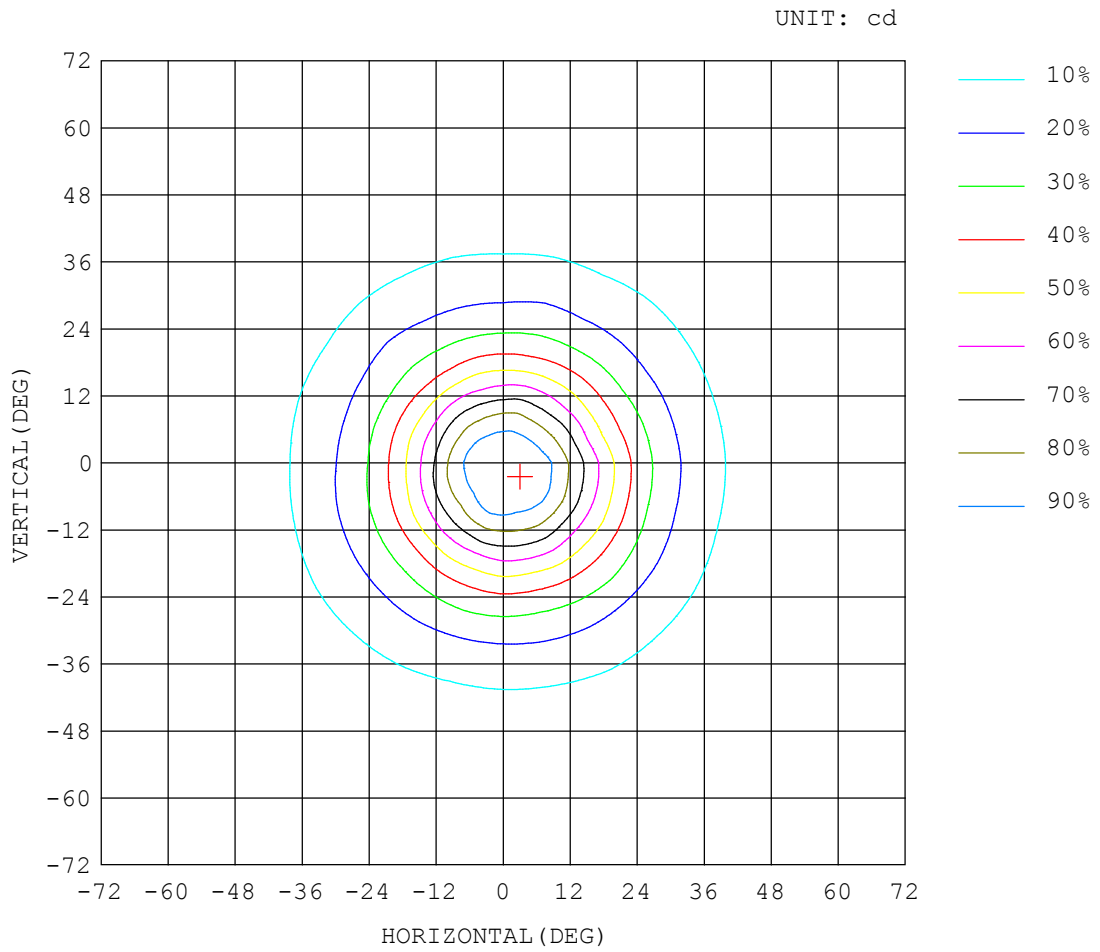
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 Temperature:24.3DEG
 Operators:REGAIP DASTAN
 Test Date:10-24-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
 Humidity:55.0%
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 Remarks: WS S 72 LED CW 30D 25W 220V

ISOCANDELA DIAGRAM

Report number: 0001602

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
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SPECIFICATION:WALL WASHER S	DIMENSION: 210*142*73	SERIAL No.:



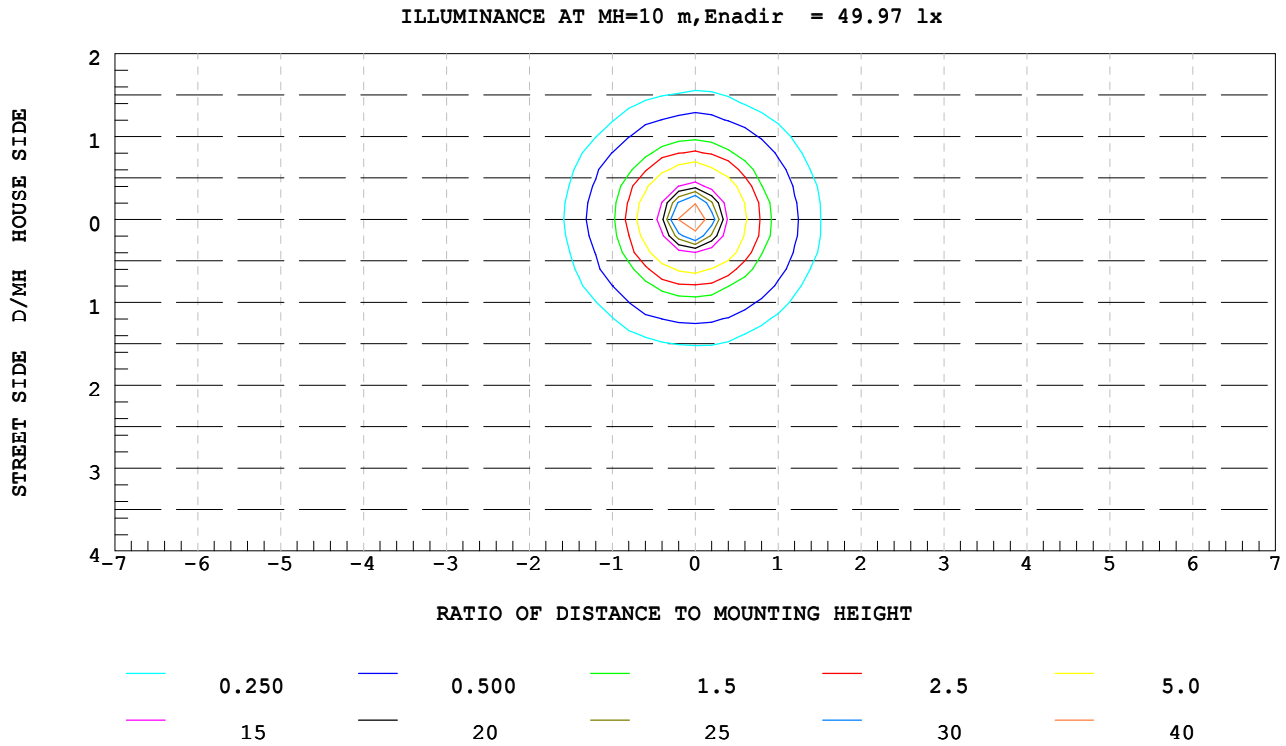
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ISOLUX DIAGRAM

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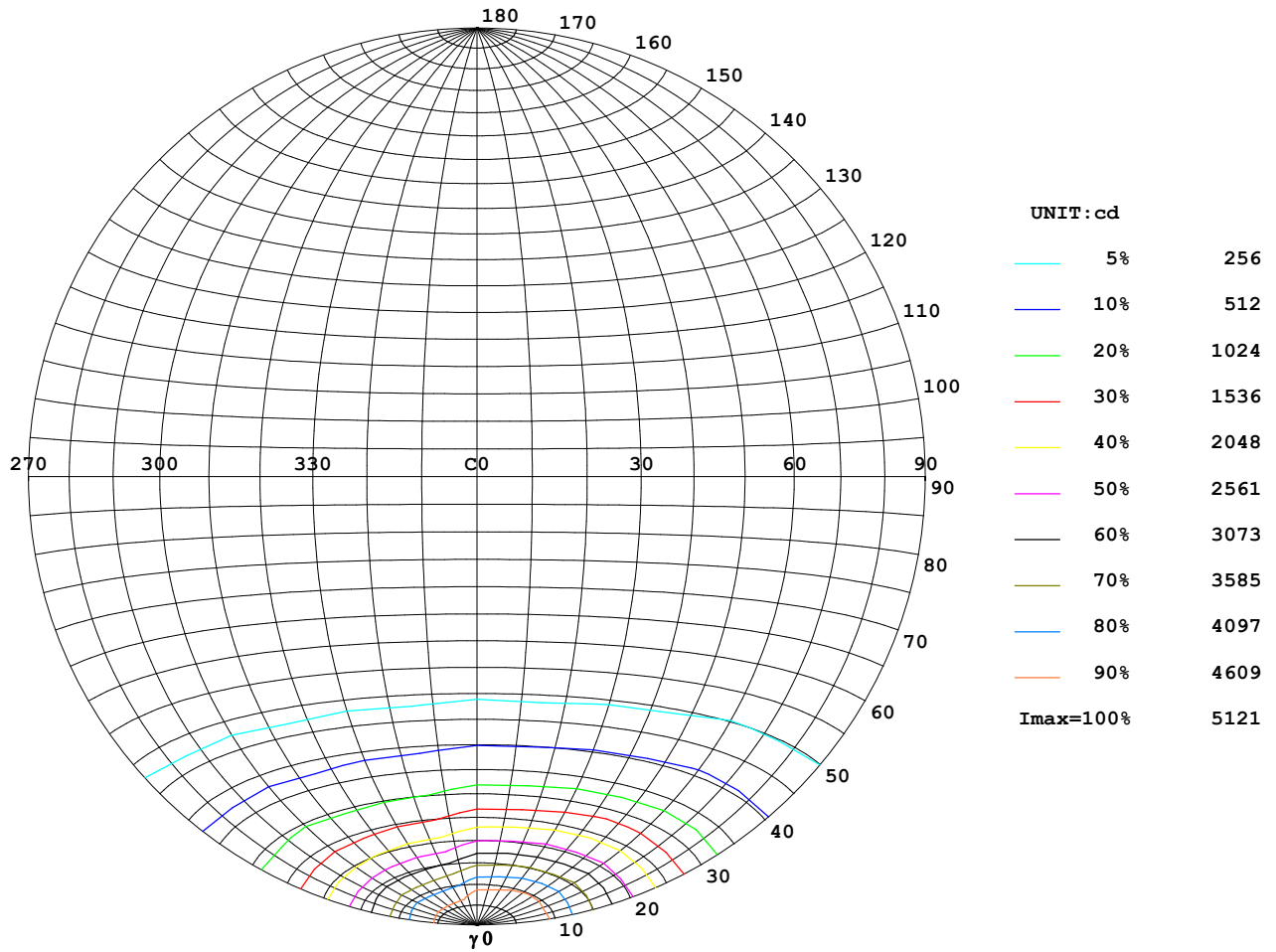
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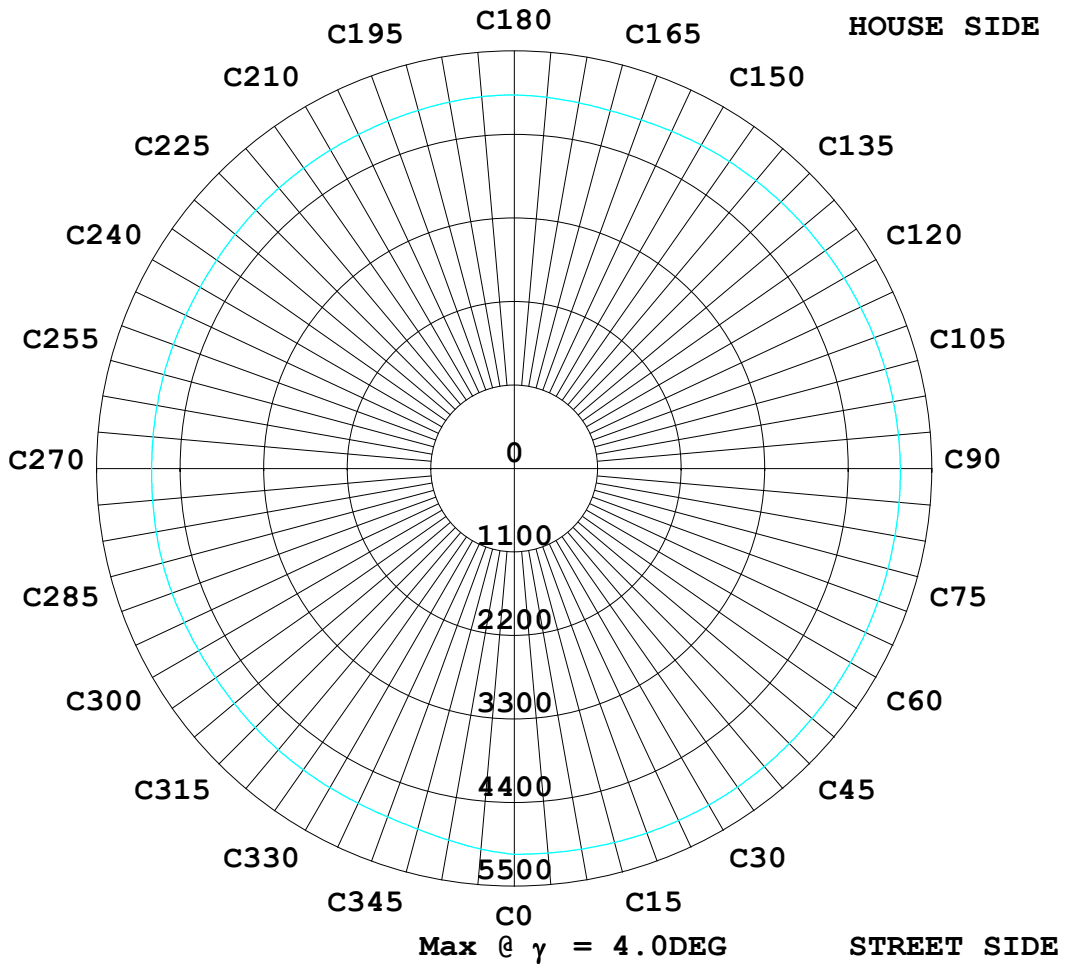
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0001602

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WS SMALL 72LED CW 30D 25W 220V IP66	TYPE:WALL WASHER	WEIGHT:
SPECIFICATION:WALL WASHER S	DIMENSION: 210*142*73	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	5066	5052	5038	5029	5014	5009	4997	4996	4987	4987	4982	4980	5066	5052	5038
5.0	5033	5060	5096	5100	5083	5061	5053	5025	4976	4910	4870	4829	4855	4812	4762
10.0	4384	4423	4539	4586	4549	4482	4514	4507	4394	4224	4190	4153	4079	3988	3912
15.0	3471	3533	3610	3612	3674	3612	3572	3545	3401	3293	3244	3116	3009	2966	2881
20.0	2540	2594	2668	2657	2687	2618	2629	2513	2459	2346	2291	2191	2129	2084	2018
25.0	1744	1790	1853	1899	1887	1841	1833	1782	1709	1638	1593	1538	1450	1420	1372
30.0	1197	1207	1281	1320	1312	1281	1272	1245	1203	1143	1123	1090	1013	971	960
35.0	772	789	815	827	850	843	816	793	786	761	727	691	660	654	621
40.0	505	505	529	536	559	546	536	515	517	502	495	468	445	440	421
45.0	338	336	349	358	373	363	361	349	351	349	349	335	311	309	296
50.0	237	231	241	242	259	252	255	239	249	241	248	231	220	222	212
55.0	175	170	179	174	188	184	188	175	183	176	180	166	162	166	157
60.0	127	120	131	131	139	134	143	136	141	130	133	124	120	122	116
65.0	87.3	83.5	90.0	86.6	95.0	90.5	99.7	95.2	99.1	89.4	92.8	85.9	83.6	86.8	80.9
70.0	56.1	54.3	57.8	53.9	59.0	56.2	63.3	59.3	64.0	57.1	60.0	55.6	54.2	58.7	52.2
75.0	31.5	29.6	32.7	29.3	33.6	31.5	37.2	34.1	38.2	33.3	35.8	31.9	30.7	34.4	29.4
80.0	14.2	11.9	14.8	12.1	15.6	13.9	17.8	15.6	18.7	15.3	17.6	14.5	13.9	16.3	12.9
85.0	5.64	3.64	5.92	4.09	6.46	4.64	7.10	5.01	7.37	5.37	7.47	5.01	4.46	6.28	4.09
90.0	4.09	2.55	4.09	2.55	4.28	2.64	4.37	2.55	4.46	2.82	4.46	2.64	2.73	4.09	2.55
95.0	3.91	2.55	3.91	2.55	3.91	2.64	3.91	2.55	3.91	2.64	3.91	2.55	2.64	3.91	2.64
100.0	3.73	2.73	3.73	2.73	3.82	2.73	3.82	2.73	3.82	2.64	3.73	2.73	2.73	3.73	2.73
105.0	3.73	2.82	3.73	2.82	3.73	2.82	3.73	2.82	3.73	2.82	3.73	2.82	3.00	3.73	2.91
110.0	3.73	3.00	3.73	3.00	3.73	3.00	3.73	3.00	3.73	3.00	3.73	3.00	3.09	3.73	3.00
115.0	3.82	3.18	3.73	3.18	3.82	3.27	3.82	3.18	3.82	3.18	3.82	3.18	3.27	3.82	3.27
120.0	4.00	3.46	4.00	3.46	4.00	3.46	4.00	3.55	4.00	3.55	3.91	3.55	3.64	4.00	3.55
125.0	4.37	3.91	4.19	3.82	4.19	3.82	4.28	3.91	4.28	3.91	4.28	4.00	4.09	4.28	4.09
130.0	4.82	4.46	4.73	4.46	4.64	4.46	4.73	4.46	4.82	4.55	4.82	4.55	4.73	4.91	4.73
135.0	5.55	5.37	5.46	5.28	5.37	5.19	5.37	5.28	5.55	5.37	5.64	5.55	5.64	5.73	5.64
140.0	6.55	6.37	6.46	6.28	6.37	6.28	6.37	6.37	6.55	6.55	6.65	6.74	6.83	6.83	6.83
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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 Test Date:10-24-2017

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UNIT: cd

C (DEG) γ (DEG)	225	240	255	270	285	300	315	330	345
0.0	5029	5014	5009	4997	4996	4987	4987	4982	4980
5.0	4719	4674	4676	4673	4701	4704	4735	4776	4850
10.0	3907	3844	3823	3852	3937	3915	3969	4077	4201
15.0	2859	2828	2840	2846	2914	2956	2984	3115	3216
20.0	1959	1933	1962	1969	1988	2069	2150	2206	2294
25.0	1388	1340	1335	1336	1394	1402	1472	1518	1629
30.0	988	934	928	920	981	957	1002	1032	1116
35.0	633	619	630	618	642	631	672	685	718
40.0	431	425	430	419	430	423	449	458	476
45.0	308	301	304	295	297	296	311	313	325
50.0	220	215	221	213	216	213	223	220	228
55.0	162	158	166	158	163	160	167	161	167
60.0	121	116	122	117	122	117	121	115	122
65.0	84.6	79.6	84.5	81.1	85.3	80.4	83.0	77.0	81.9
70.0	55.2	49.6	54.3	50.8	54.7	49.8	52.3	47.1	51.5
75.0	31.9	27.5	31.1	28.2	31.6	27.3	29.2	24.7	28.1
80.0	14.9	12.0	14.7	11.8	14.3	11.0	13.3	10.0	12.4
85.0	6.10	4.19	6.10	3.82	5.55	3.73	5.64	3.46	5.46
90.0	4.09	2.64	4.19	2.55	4.09	2.55	4.09	2.55	4.09
95.0	3.91	2.64	3.91	2.64	3.91	2.64	3.91	2.55	3.91
100.0	3.73	2.73	3.82	2.73	3.82	2.73	3.73	2.73	3.73
105.0	3.73	2.91	3.73	2.91	3.73	2.82	3.73	2.82	3.73
110.0	3.73	3.09	3.73	3.00	3.73	3.09	3.73	3.00	3.73
115.0	3.82	3.27	3.82	3.27	3.91	3.27	3.82	3.18	3.82
120.0	4.09	3.64	4.09	3.64	4.09	3.55	4.00	3.55	4.00
125.0	4.37	4.09	4.46	4.00	4.37	4.00	4.37	3.91	4.19
130.0	5.01	4.82	5.01	4.73	5.01	4.64	4.91	4.46	4.73
135.0	5.83	5.73	5.92	5.64	5.83	5.55	5.64	5.37	5.46
140.0	7.01	7.01	7.01	6.83	6.92	6.65	6.65	6.46	6.46
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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