

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	398.9 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of I _{max}	117.4V x 139.0H
	At 50% of I _{max}	76.2V x 126.4H
	At 90% of I _{max}	14.3V x 111.7H

Beam Flux	Total	744.3 lumens per klm.
	To 10% of I _{max}	721.7 lumens per klm.
	To 50% of I _{max}	494.5 lumens per klm.
	To 90% of I _{max}	34.1 lumens per klm.

Upward LOR	0.0 %
Downward LOR	74.4 %

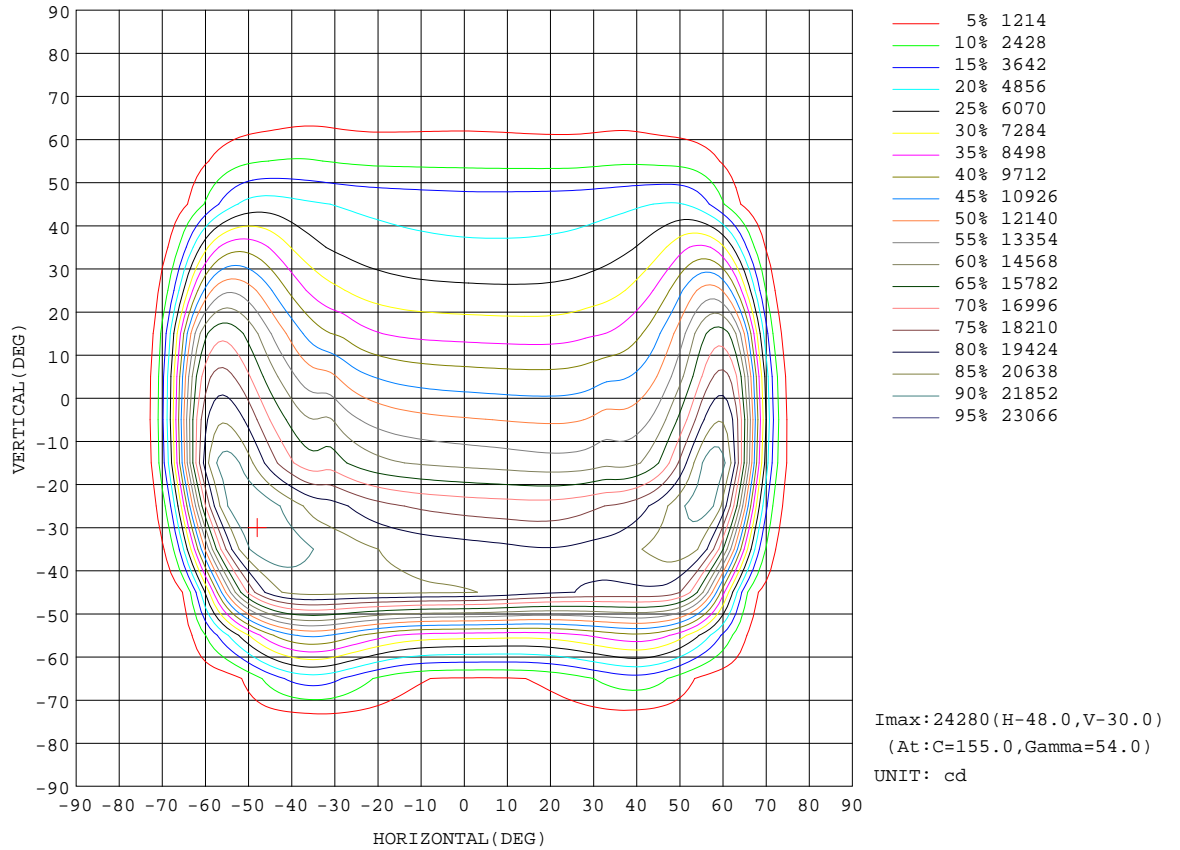
Luminaire Efficiency(Light Output Ratio)	74.8 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QC
Test Date:2017-03-23

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:65.0%
Test Distance:7.160m [K=1.0000]
Remarks: 5050 4000K

ISOCANDELA DIAGRAM

Test:U:222.4V I:1.361A P:298.4W PF:0.9858 Lamp Flux:60874.8x1 lm		
NAME: 300W LED FLOOD LIGHT	TYPE:4000K	WEIGHT:
DIM.: PHILIPS LUMILEDS	SPEC.:	SERIAL No.:
MFR.: QINHAN LIGHTING	SUR.:	PROTECTION ANGLE:

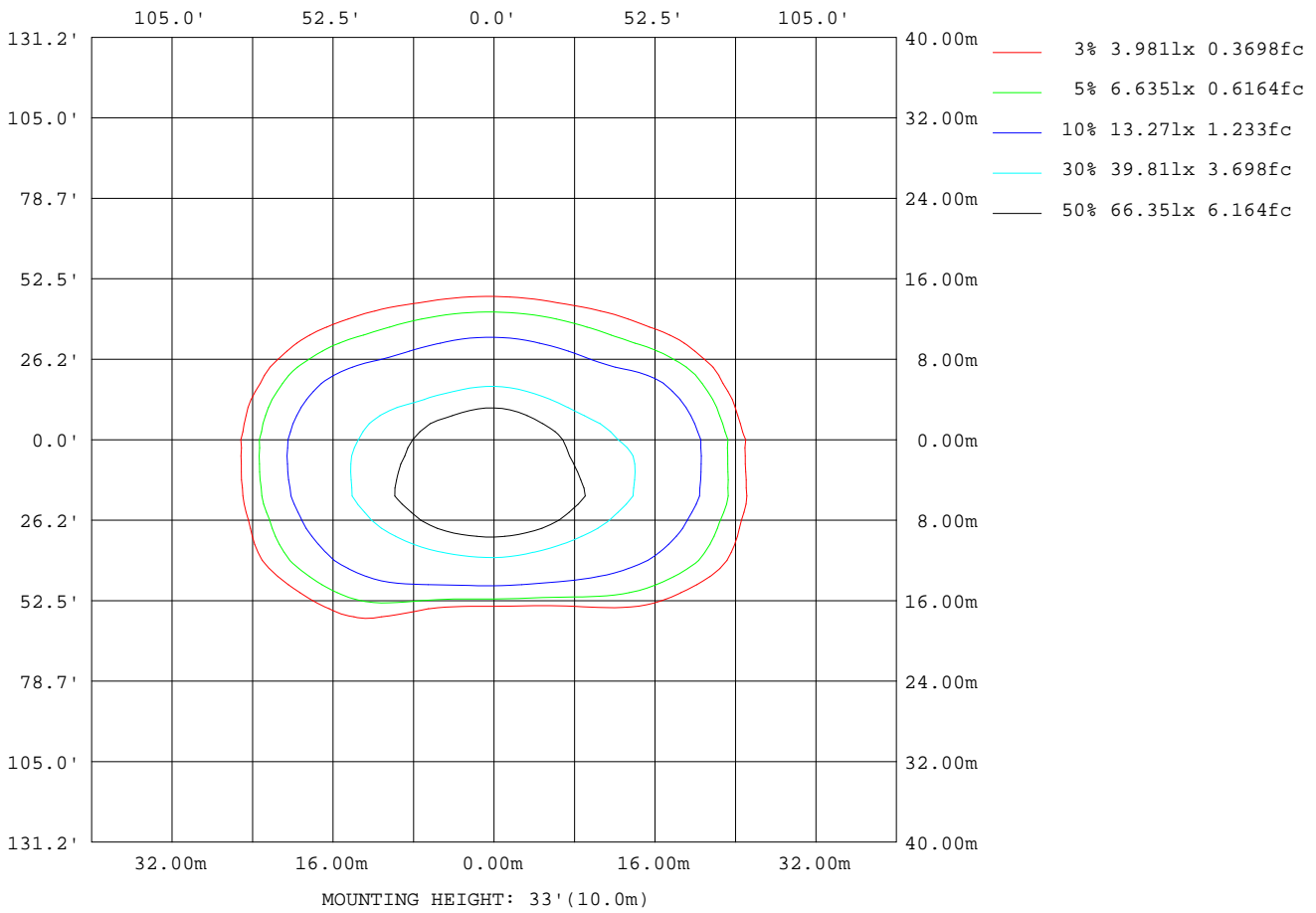


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:QC
 Test Date:2017-03-23

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
 Humidity:65.0%
 Test Distance:7.160m [K=1.0000]
 Remarks: 5050 4000K

ISOLUX DIAGRAM

Test:U:222.4V I:1.361A P:298.4W PF:0.9858 Lamp Flux:60874.8x1 lm		
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DIM.: PHILIPS LUMILEDS	SPEC.:	SERIAL No.:
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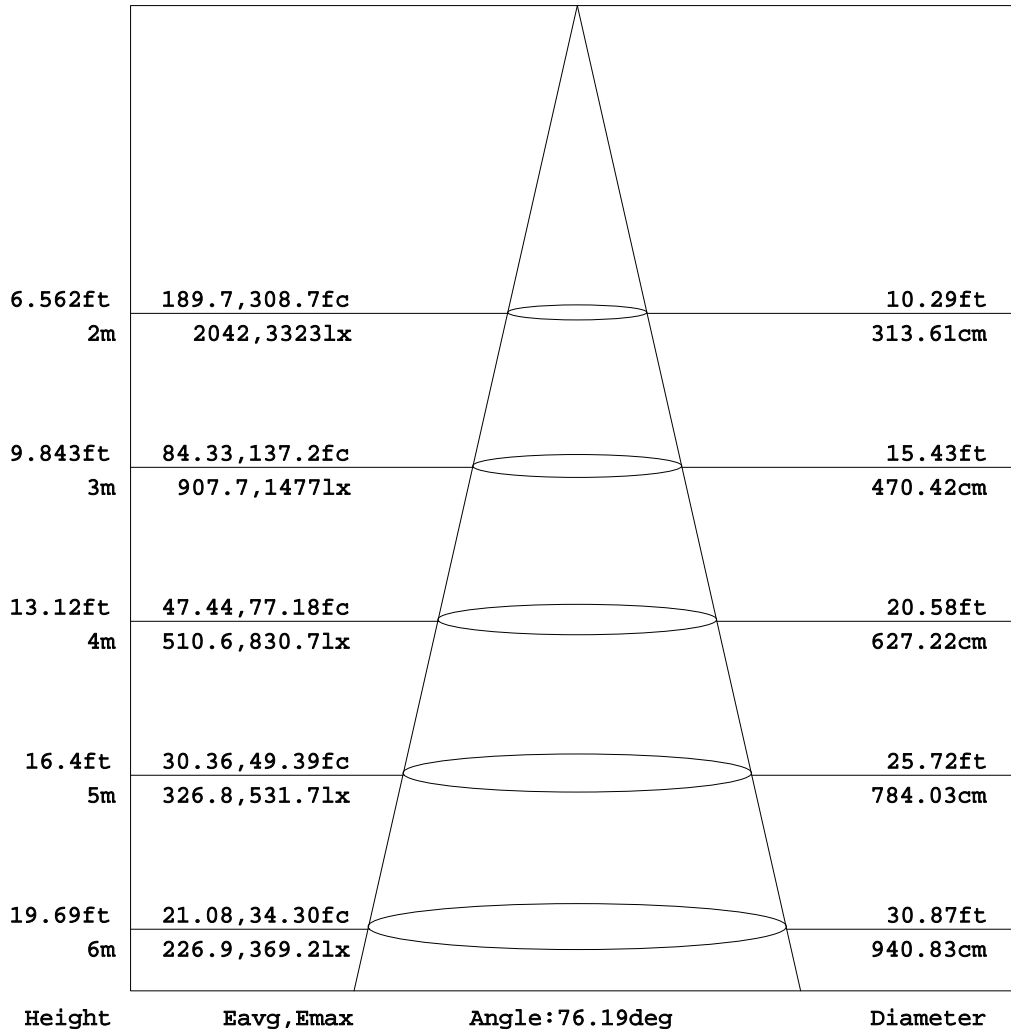
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QC
Test Date:2017-03-23

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:65.0%
Test Distance:7.160m [K=1.0000]
Remarks: 5050 4000K

AAI Figure

Test:U:222.4V I:1.361A P:298.4W PF:0.9858 Lamp Flux:60874.8x1 lm		
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Flux out:16239 lm

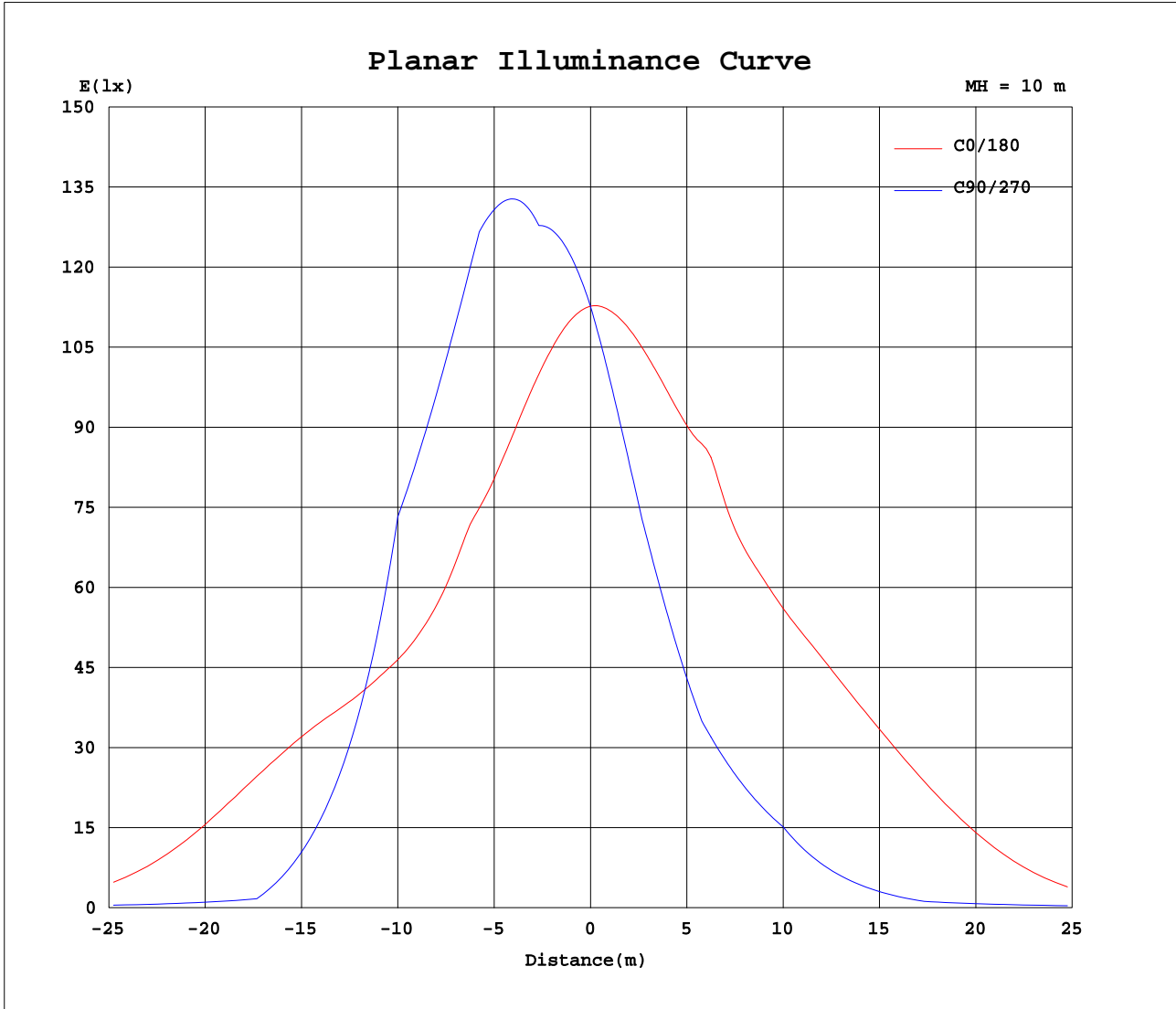


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QC
Test Date:2017-03-23

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:65.0%
Test Distance:7.160m [K=1.0000]
Remarks: 5050 4000K

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
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 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:QC
 Test Date:2017-03-23

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
 Humidity:65.0%
 Test Distance:7.160m [K=1.0000]
 Remarks: 5050 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

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DIM.: PHILIPS LUMILEDS	SPEC.:	SERIAL No.:
MFR.: QINHAN LIGHTING	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: x10cd

H(β) \ V(β)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	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	0.00	0.00	0.00	0.00
-85	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	0.00	0.00	0.00	0.00
-80	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	0.00	0.00	0.00	0.00
-75	2.06	3.28	7.23	12.9	19.7	24.4	28.6	33.3	38.0	42.0	45.4	52.5	58.8	59.7	59.5	59.8	60.6	60.5	60.1
-70	2.05	4.22	9.11	17.2	24.7	31.1	38.0	56.7	112	180	225	240	217	174	135	107	93.0	87.1	85.4
-65	1.95	3.58	8.88	18.1	26.8	35.3	44.2	67.2	159	293	391	426	389	306	225	163	129	115	111
-60	1.93	4.71	11.3	22.9	32.4	43.0	54.9	102	259	454	583	610	531	404	286	201	158	141	136
-55	1.72	3.97	10.9	23.8	36.1	71.8	242	472	722	942	1075	1114	1073	986	904	841	804	788	782
-50	1.87	5.50	14.7	30.0	45.9	147	515	941	1282	1500	1596	1614	1582	1534	1493	1461	1440	1432	1425
-45	1.38	4.46	13.4	30.0	47.6	134	621	1248	1725	1991	2095	2116	2110	2100	2097	2093	2083	2078	2072
-40	1.83	6.22	18.3	36.6	98.3	418	1061	1648	2002	2148	2171	2145	2120	2096	2077	2062	2047	2039	2029
-35	1.39	4.80	16.9	34.7	106	496	1236	1847	2176	2272	2250	2186	2138	2102	2065	2038	2017	2003	1991
-30	1.82	6.88	22.2	42.9	190	854	1694	2223	2419	2400	2307	2203	2145	2091	2040	2004	1979	1962	1948
-25	1.40	5.49	20.1	41.7	194	845	1697	2177	2303	2237	2123	2022	1978	1916	1862	1827	1803	1787	1774
-20	1.88	8.95	24.8	60.6	348	1204	1958	2228	2182	2030	1893	1818	1789	1717	1668	1639	1620	1606	1594
-15	1.40	6.53	22.8	50.8	314	1179	2003	2238	2107	1885	1713	1623	1631	1543	1490	1461	1443	1430	1419
-10	1.92	10.8	26.5	73.6	449	1390	2032	2130	1963	1754	1601	1543	1516	1431	1385	1359	1342	1330	1320
-5	1.51	8.53	23.3	53.6	343	1217	1911	2045	1903	1697	1541	1459	1445	1346	1295	1265	1246	1234	1225
0	1.94	12.5	27.0	81.8	495	1413	1916	1928	1761	1570	1431	1379	1324	1235	1190	1162	1145	1133	1126
5	1.50	9.73	23.4	51.9	329	1149	1760	1853	1713	1517	1361	1263	1223	1132	1083	1055	1038	1028	1021
10	2.31	12.6	26.3	68.4	415	1223	1708	1741	1588	1394	1237	1135	1080	1004	963	940	927	919	913
15	1.38	10.1	23.1	45.8	273	975	1551	1661	1538	1343	1173	1033	965	901	855	832	820	813	808
20	2.64	12.3	25.0	53.4	298	930	1396	1484	1369	1189	1025	906	849	791	757	738	728	722	718
25	1.76	9.58	21.5	36.7	162	615	1123	1317	1263	1107	938	816	750	702	669	650	639	633	629
30	2.93	11.6	23.0	36.8	144	534	982	1156	1105	955	794	692	634	596	573	557	548	542	539
35	2.46	9.00	19.7	29.8	84.0	323	691	904	925	841	722	639	589	557	536	522	513	507	503
40	3.71	10.6	20.8	30.1	77.3	261	521	686	724	679	609	561	530	509	494	483	475	469	465
45	3.45	8.38	17.8	25.3	38.3	101	254	424	524	544	522	499	482	467	456	448	441	434	429
50	4.57	9.59	17.8	24.5	37.4	93.7	207	320	382	393	384	371	355	343	335	329	325	321	318
55	4.62	8.01	14.4	21.1	28.1	52.7	111	177	224	244	251	248	235	222	215	213	211	209	208
60	5.52	8.57	14.0	20.1	23.7	30.4	41.0	57.7	78.2	97.8	118	121	108	98.0	94.2	95.2	95.6	96.6	96.6
65	5.51	7.61	11.8	16.9	20.0	24.0	31.1	41.8	56.5	70.2	85.5	92.0	85.5	77.7	75.2	77.0	79.7	82.4	83.9
70	6.00	7.92	11.8	15.4	17.4	20.2	24.7	31.7	40.4	48.5	57.3	62.7	59.0	55.7	56.7	59.7	65.0	69.1	70.8
75	6.13	7.17	9.95	12.6	14.1	14.9	16.2	18.2	20.9	23.4	25.8	32.6	34.6	34.0	37.4	40.9	48.0	54.7	57.8
80	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	0.00	0.00	0.00	0.00
85	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	0.00	0.00	0.00	0.00
90	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	0.00	0.00	0.00	0.00

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Table--2

UNIT: x10cd

H(DEG) V(DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90	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	0.00	0.00	0.00
-85	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	0.00	0.00	0.00
-80	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	0.00	0.00	0.00
-75	59.8	59.3	58.4	57.5	57.2	57.6	57.2	48.6	43.3	40.1	35.7	31.8	29.0	25.2	18.0	9.52	4.95	2.54
-70	85.2	86.8	92.7	106	128	156	179	180	152	103	59.4	40.9	36.1	29.4	19.9	9.79	4.42	2.25
-65	110	113	124	148	189	243	294	316	277	187	96.8	53.8	45.1	36.9	26.1	13.1	5.66	2.42
-60	136	142	162	203	271	352	425	446	371	231	108	60.6	51.7	40.0	27.3	12.3	4.87	2.24
-55	776	770	769	784	818	867	916	940	900	782	582	341	135	56.1	34.1	17.0	6.35	2.32
-50	1413	1395	1378	1375	1384	1402	1422	1430	1395	1263	963	529	164	58.4	34.4	15.7	5.17	2.07
-45	2056	2029	1993	1966	1944	1930	1922	1921	1913	1823	1491	894	299	82.6	42.1	21.4	7.01	2.25
-40	2015	1993	1969	1956	1952	1955	1966	1991	2015	1959	1676	1106	448	121	44.1	19.7	5.65	2.01
-35	1980	1967	1953	1950	1960	1980	2002	2050	2110	2144	2023	1582	830	233	61.7	25.9	8.18	2.29
-30	1940	1935	1934	1945	1975	2011	2055	2131	2231	2318	2249	1791	903	226	56.4	24.3	6.31	2.07
-25	1764	1757	1751	1753	1771	1804	1834	1890	1998	2151	2251	2024	1251	388	85.0	28.9	9.92	2.34
-20	1584	1575	1566	1565	1579	1612	1627	1683	1823	2046	2233	2030	1206	346	71.5	25.7	7.49	2.16
-15	1408	1397	1385	1376	1378	1403	1417	1442	1575	1844	2175	2219	1561	547	112	30.4	12.2	2.37
-10	1311	1301	1291	1287	1294	1328	1335	1377	1524	1787	2094	2086	1379	426	78.4	26.7	9.06	2.26
-5	1216	1208	1201	1198	1203	1233	1257	1279	1391	1610	1909	2053	1584	601	112	31.2	13.4	2.46
0	1119	1112	1109	1110	1119	1159	1176	1212	1332	1541	1834	1960	1422	468	77.1	27.3	11.0	2.37
5	1015	1009	1005	1006	1015	1044	1075	1113	1226	1420	1695	1857	1464	554	99.4	30.8	13.7	2.66
10	908	903	901	903	917	947	979	1047	1187	1396	1661	1719	1171	352	60.6	26.0	10.6	2.42
15	803	799	797	798	812	837	869	943	1078	1275	1533	1631	1203	405	73.4	29.3	13.2	2.97
20	714	712	711	716	731	756	796	875	1016	1216	1417	1374	846	232	47.9	24.7	10.1	2.69
25	626	624	625	629	642	666	703	768	885	1067	1243	1205	765	234	53.1	27.5	12.6	3.25
30	537	537	540	547	560	587	630	697	818	1001	1103	925	447	108	39.1	23.4	9.52	3.18
35	501	501	503	508	517	536	565	611	689	806	870	746	398	112	40.1	25.1	11.3	3.56
40	464	465	467	472	480	494	516	549	600	656	627	453	203	62.7	34.7	20.9	7.81	3.63
45	428	428	430	433	438	446	456	472	489	490	416	252	101	41.7	34.5	22.2	9.37	3.90
50	317	316	317	318	322	331	341	349	353	342	275	157	63.3	35.4	28.5	17.2	6.59	4.35
55	206	204	203	203	205	212	221	223	215	205	171	110	53.5	31.7	26.3	16.7	7.61	4.81
60	94.2	91.9	89.5	87.4	88.6	96.6	104	95.0	75.0	59.8	46.8	37.2	28.6	26.4	20.6	12.2	5.84	5.35
65	82.0	78.6	73.8	70.7	69.7	73.9	79.1	73.6	59.3	48.0	37.8	30.6	24.0	21.6	18.0	11.9	6.71	5.72
70	68.6	63.4	56.5	53.2	51.6	54.0	54.2	47.0	38.7	31.9	25.6	21.2	17.5	16.1	13.1	9.07	6.22	6.25
75	56.4	51.1	41.4	36.9	33.3	32.9	30.6	23.7	20.9	18.6	15.6	13.5	12.2	11.2	9.58	7.81	6.64	6.63
80	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	0.00	0.00	0.00
85	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	0.00	0.00	0.00
90	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	0.00	0.00	0.00

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