

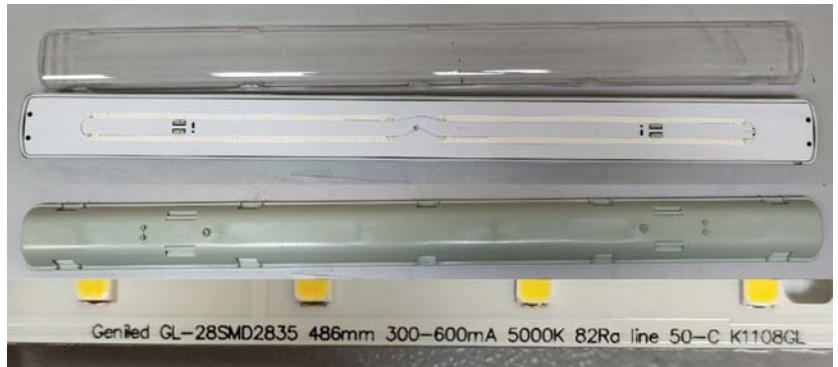
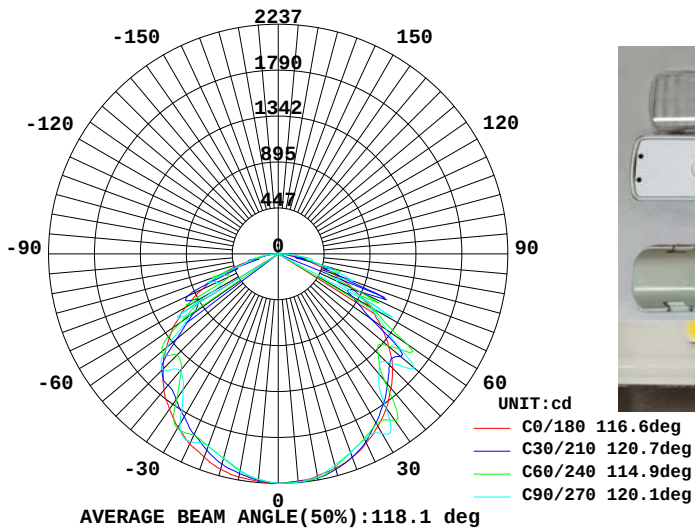
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: LSP Advanced 2x36 1200 IP65 40W 5000K 82Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4911	DIMENSION: 1265x110	SERIAL No.:

DATA OF LAMP		Imax(cd)	2239	S/MH(C0/180)	1.30
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.23
NOMINAL POWER(W)	40	TOTAL FLUX(lm)	6469.6	Voltage(V)	220.5
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	161.9	Current(A)	0.188
NOMINAL FLUX(lm)	6469.6	η up(%)	1.8	Power(W)	39.97
LAMPS QUANTITY	1	η down(%)	98.2	Power Factor(PF)	0.961
TEST VOLTAGE(V)	220.5	Effective Flux(lm)	6469.6	EEI	0.084

LUMINOUS INTENSITY DISTRIBUTION



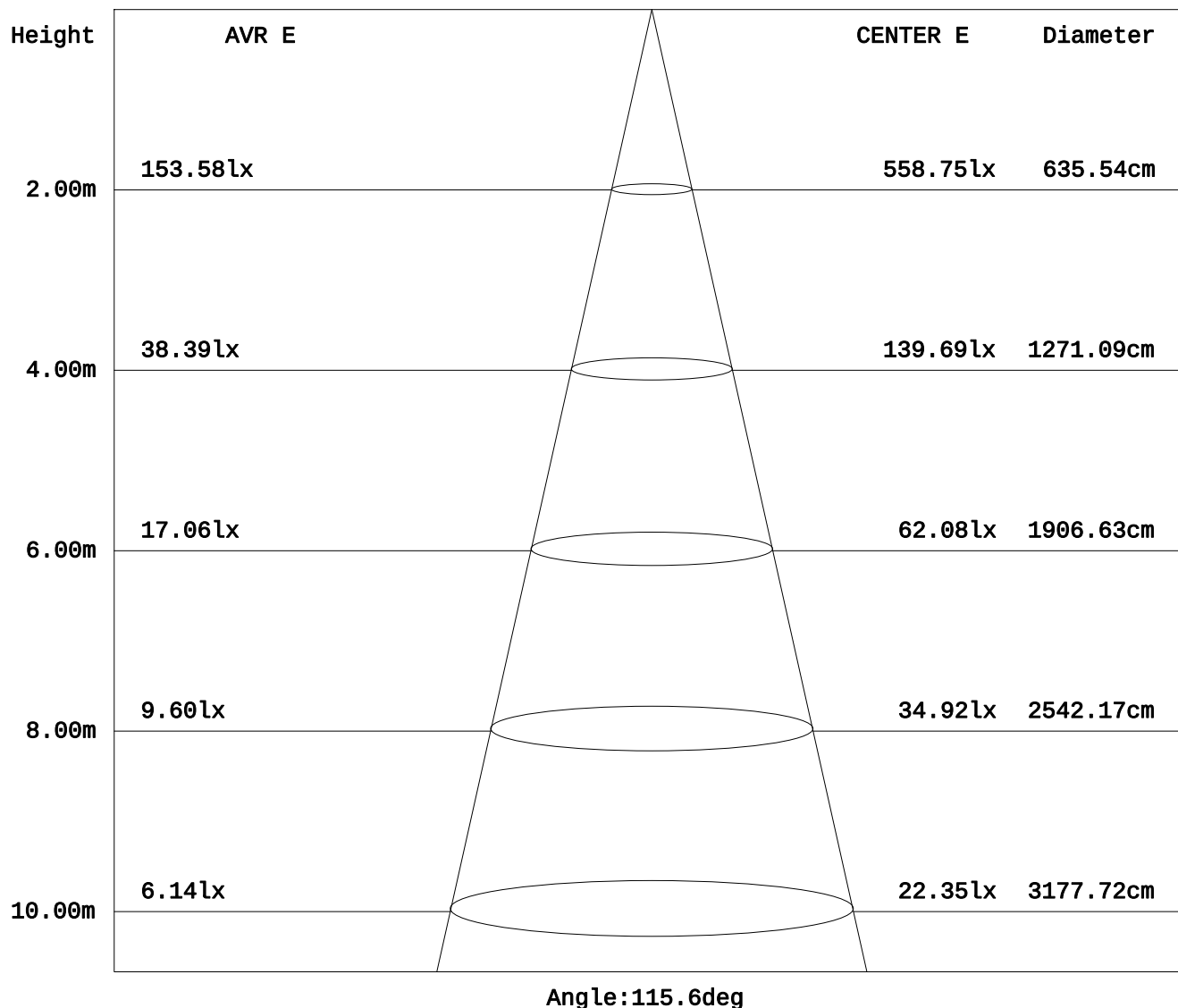
Test System:
 Temperature: 25.3°C
 Operators:
 Test Date: 03-21-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra. 1.4% Flicker. 31.8 Temp.

AVERAGE AND CENTER E Figure

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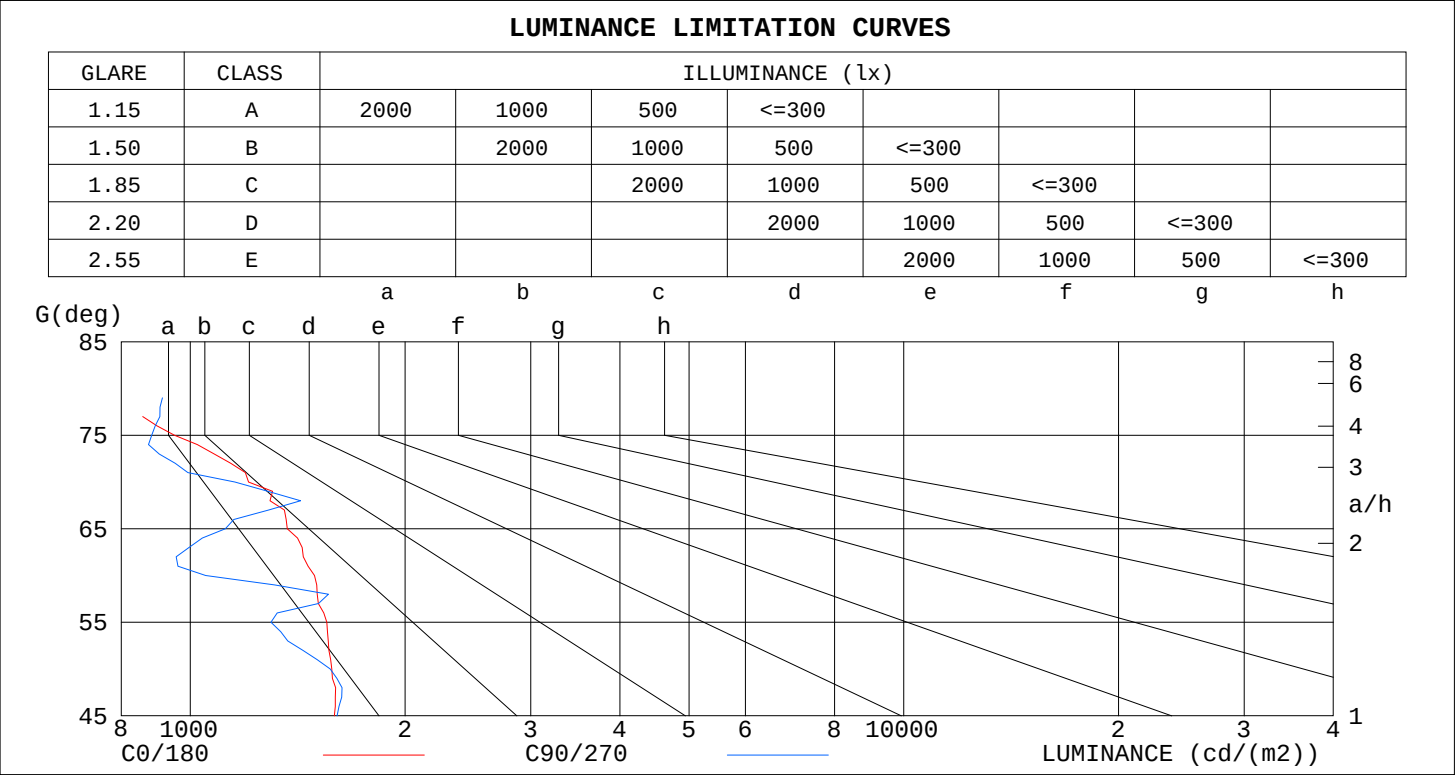
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LUMINANCE LIMITATION CURVES

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LUMINANCE cd/m2		
G(deg)	C0/180	C90/270
85	384	547
80	665	675
75	950	883
70	1207	1155
65	1367	1120
60	1493	1051
55	1553	1297
50	1578	1570
45	1592	1606

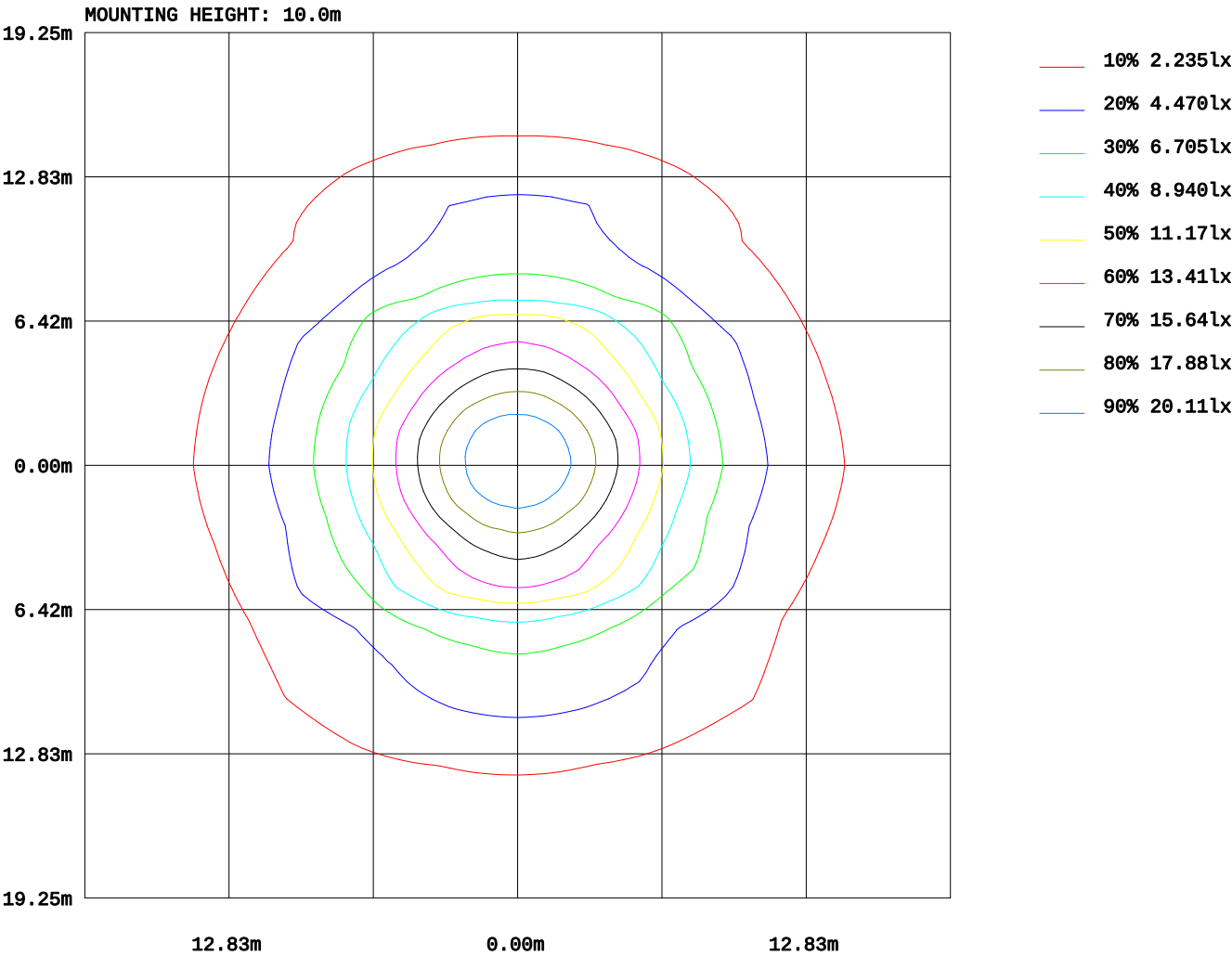
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ISOLUX DIAGRAM

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UGR Table

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SPECIFICATION:	CCT(K): 4911	DIMENSION: 1265x110		SERIAL No.:

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	14.1	15.6	14.4	15.9	16.1	13.5	15.0	13.8	15.2	15.5
3H	15.2	16.6	15.5	16.8	17.1	15.0	16.3	15.3	16.6	16.9
4H	15.7	17.0	16.0	17.3	17.6	15.3	16.6	15.6	16.9	17.2
6H	15.8	17.0	16.1	17.3	17.6	15.6	16.8	15.9	17.1	17.4
8H	15.8	17.0	16.2	17.3	17.6	15.6	16.8	16.0	17.1	17.5
12H	15.8	16.9	16.1	17.2	17.6	15.6	16.8	16.0	17.1	17.4
4H 2H	14.6	15.9	15.0	16.2	16.5	14.0	15.3	14.3	15.6	15.9
3H	15.8	16.9	16.1	17.2	17.6	15.7	16.8	16.0	17.1	17.5
4H	16.3	17.4	16.7	17.7	18.1	16.1	17.1	16.5	17.5	17.8
6H	16.5	17.4	16.9	17.8	18.2	16.4	17.3	16.8	17.7	18.1
8H	16.5	17.4	17.0	17.8	18.2	16.5	17.3	16.9	17.7	18.2
12H	16.5	17.3	17.0	17.7	18.2	16.5	17.3	17.0	17.7	18.2
8H 4H	16.5	17.3	16.9	17.7	18.1	16.2	17.1	16.6	17.5	17.9
6H	16.7	17.4	17.2	17.9	18.3	16.7	17.4	17.1	17.8	18.3
8H	16.8	17.4	17.3	17.9	18.3	16.8	17.4	17.3	17.9	18.4
12H	16.8	17.3	17.3	17.8	18.3	16.8	17.4	17.3	17.8	18.4
12H 4H	16.5	17.2	16.9	17.7	18.1	16.2	17.0	16.6	17.4	17.8
6H	16.7	17.3	17.2	17.8	18.3	16.7	17.3	17.1	17.7	18.2
8H	16.8	17.3	17.3	17.8	18.3	16.8	17.3	17.3	17.8	18.3

Variations with the observer position at spacings:

S = 1.0H	+ 0.3 / - 0.3	+ 0.6 / - 0.5
1.5H	+ 0.4 / - 0.6	+ 0.6 / - 0.7
2.0H	+ 1.2 / - 1.4	+ 0.7 / - 1.4

CIE Pub.117 Corrected 6470 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.5)

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LUMINOUS DISTRIBUTION INTENSITY DATA

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Address:															
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SPECIFICATION:				CCT(K): 4911				DIMENSION: 1265x110				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	2235	2234	2236	2234	2237	2234	2236	2234	2234	2235	2231	2236	2235	2234	2236
5.0	2226	2217	2215	2207	2207	2201	2206	2202	2211	2209	2217	2218	2221	2224	2225
10.0	2208	2187	2174	2155	2149	2134	2142	2138	2151	2158	2178	2189	2197	2212	2217
15.0	2172	2134	2120	2076	2063	2056	2060	2046	2078	2094	2133	2151	2160	2173	2173
20.0	2110	2072	2036	1988	1997	1986	1996	1980	1999	1995	2056	2080	2108	2124	2108
25.0	2044	1984	1941	1907	1948	2007	2021	1989	1936	1909	1952	2000	2032	2055	2022
30.0	1950	1886	1831	1868	1960	1916	1917	1932	1949	1840	1842	1906	1941	1971	1904
35.0	1848	1743	1735	1845	1724	1609	1619	1626	1791	1840	1731	1771	1836	1858	1787
40.0	1733	1604	1672	1590	1469	1463	1493	1459	1487	1685	1620	1636	1708	1723	1658
45.0	1581	1440	1601	1313	1394	1552	1595	1531	1363	1344	1587	1465	1575	1540	1535
50.0	1424	1291	1294	1203	1476	1421	1417	1434	1460	1176	1425	1294	1402	1372	1556
55.0	1251	1115	1005	1287	1161	1040	1045	1059	1224	1244	1043	1111	1216	1180	1107
60.0	1048	1029	894	956	968	875	738	898	912	1005	847	943	1029	986	830
65.0	811	691	972	864	525	603	664	601	542	732	917	865	791	856	864
70.0	580	406	422	368	693	542	555	556	599	351	514	429	573	482	645
75.0	345	504	195	382	300	283	321	278	304	360	173	255	342	269	551
80.0	162	106	157	138	196	148	165	149	196	136	150	103	142	157	248
85.0	47.0	39.2	69.5	41.8	66.0	37.5	66.9	39.7	72.6	45.1	81.1	43.2	30.1	89.9	134
90.0	18.4	12.9	25.0	16.3	29.6	21.0	34.7	21.4	31.0	16.3	25.9	12.4	9.30	28.5	22.0
95.0	19.6	12.0	19.9	13.6	22.7	16.6	24.9	16.3	23.1	13.7	20.1	11.5	13.5	20.4	14.4
100.0	22.9	11.1	19.3	12.7	18.9	13.6	20.6	13.7	19.4	13.3	20.0	11.7	14.7	18.4	14.3
105.0	26.4	11.9	17.8	12.5	17.5	13.4	19.1	13.6	18.0	13.5	18.2	18.1	15.2	18.2	13.6
110.0	22.2	21.6	16.9	13.5	17.6	13.9	18.9	14.2	18.0	14.2	17.6	11.5	15.7	19.7	14.1
115.0	18.1	12.5	17.8	14.4	18.1	14.9	18.9	15.0	18.7	14.7	18.4	12.0	13.2	17.0	16.1
120.0	16.7	13.3	17.6	15.4	18.9	16.1	19.6	16.2	19.0	15.5	17.6	13.0	14.3	16.7	15.7
125.0	17.4	14.5	18.0	16.5	19.4	17.1	20.1	17.0	19.4	16.4	18.0	14.3	15.4	17.6	16.2
130.0	18.2	15.6	18.7	16.9	20.1	17.9	20.5	17.8	20.2	17.0	18.4	15.5	16.6	18.5	16.9
135.0	19.2	16.7	19.0	17.9	20.2	18.6	21.2	18.5	20.2	17.7	18.9	16.6	17.8	19.4	17.5
140.0	20.0	17.8	19.5	18.0	21.1	19.3	21.1	19.2	20.8	18.0	19.6	17.9	18.7	20.4	18.1
145.0	20.9	18.7	20.1	18.6	21.1	20.0	21.7	19.3	20.6	18.6	20.2	18.9	19.6	21.2	19.1
150.0	21.6	19.5	20.7	19.2	21.1	20.0	21.5	19.5	20.9	19.2	20.9	20.0	20.7	22.0	20.0
155.0	22.4	20.2	21.2	20.1	21.5	20.5	21.2	19.7	21.1	19.9	21.4	21.1	21.6	22.7	20.9
160.0	23.0	21.2	21.7	20.7	22.0	21.1	21.9	20.5	21.6	20.5	22.0	22.0	22.6	23.2	21.6
165.0	23.6	22.1	22.4	21.2	22.5	21.6	22.5	21.1	22.1	21.1	22.7	22.6	23.2	23.7	22.2
170.0	24.0	22.7	23.1	22.1	22.9	22.1	23.1	21.7	22.6	22.3	23.5	23.0	23.8	24.1	22.7
175.0	24.5	23.1	23.7	22.9	23.7	23.1	23.8	22.7	23.7	23.0	24.0	23.2	24.2	24.2	23.1
180.0	24.6	23.6	24.0	23.4	24.0	23.5	24.2	23.1	23.8	23.2	24.0	23.5	24.6	24.1	23.5

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LUMINOUS DISTRIBUTION INTENSITY DATA

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UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	2234	2237	2234	2236	2234	2234	2235	2231	2236
5.0	2230	2229	2232	2232	2234	2239	2239	2233	2228
10.0	2224	2216	2211	2205	2217	2209	2207	2209	2212
15.0	2177	2150	2135	2131	2137	2137	2167	2171	2169
20.0	2089	2060	2067	2061	2065	2055	2073	2097	2117
25.0	1996	1987	1999	1997	2002	1977	1990	2005	2059
30.0	1899	1915	1988	2021	1980	1914	1901	1887	1957
35.0	1815	1987	1927	1819	1908	1977	1814	1779	1851
40.0	1840	1610	1545	1530	1546	1605	1847	1648	1710
45.0	1540	1380	1432	1487	1438	1383	1523	1521	1539
50.0	1233	1397	1689	1731	1704	1406	1236	1543	1356
55.0	1161	1535	1324	1281	1328	1518	1161	1134	1178
60.0	1428	1080	1047	1044	1045	1077	1406	843	973
65.0	879	893	633	631	650	924	859	845	835
70.0	564	509	674	776	671	510	670	649	517
75.0	468	494	480	452	492	508	447	564	265
80.0	252	264	342	341	339	259	263	322	246
85.0	200	128	160	136	166	132	198	123	85.9
90.0	40.5	28.4	48.2	30.1	49.2	27.5	42.2	21.9	29.6
95.0	26.3	18.6	30.0	19.9	29.4	18.5	26.4	14.3	20.1
100.0	20.8	13.5	22.7	15.0	22.9	13.5	20.5	14.0	17.1
105.0	18.9	13.4	19.6	14.1	19.5	13.0	18.7	13.3	17.5
110.0	18.4	13.7	19.2	14.7	19.0	13.6	18.2	13.3	16.5
115.0	18.6	14.5	18.7	14.8	18.5	14.3	18.1	15.6	18.7
120.0	19.3	15.4	18.7	15.4	18.6	15.2	18.6	15.5	16.6
125.0	20.9	16.5	19.2	16.4	19.2	16.5	20.2	16.0	17.2
130.0	22.0	19.2	20.2	17.7	20.2	18.7	21.7	16.5	18.0
135.0	21.1	20.8	23.0	20.7	22.9	20.9	20.9	17.0	18.9
140.0	21.1	20.0	23.5	21.9	23.4	19.5	20.8	17.7	19.7
145.0	21.0	19.6	22.5	20.7	22.7	19.4	20.5	18.7	20.6
150.0	21.2	19.9	21.9	20.2	22.2	19.6	21.0	19.5	21.2
155.0	21.9	20.4	22.0	20.5	22.2	20.1	21.5	20.2	21.9
160.0	22.6	21.0	22.3	21.1	22.5	20.9	22.1	21.0	22.4
165.0	23.1	21.7	22.7	21.9	23.0	21.5	22.6	21.6	23.0
170.0	23.5	22.4	23.2	22.7	23.2	22.1	23.0	22.3	23.5
175.0	23.9	22.9	23.8	23.4	23.4	22.7	23.6	22.9	23.8
180.0	24.1	23.5	24.2	23.6	23.8	23.2	24.0	23.5	24.1

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