

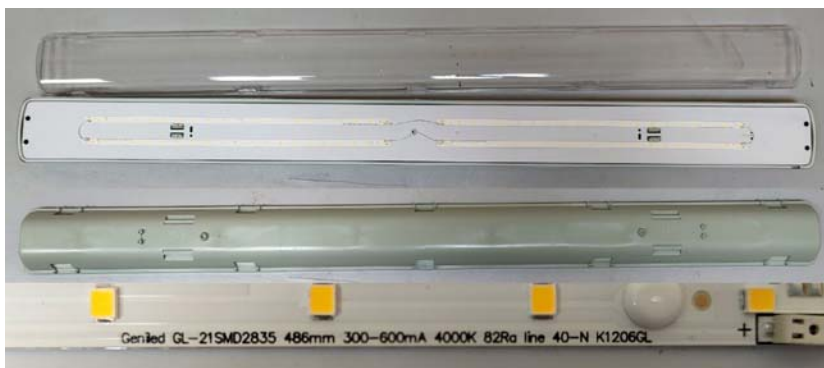
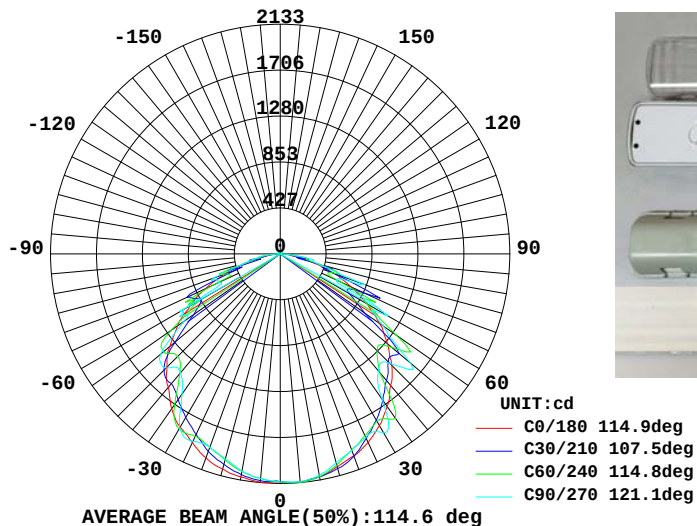
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: LSP Standart 2x36 1200 IP65 40W 4000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4137	DIMENSION: 1265x110	SERIAL No.:

DATA OF LAMP		Imax(cd)	2134	S/MH(C0/180)	1.30
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.26
NOMINAL POWER(W)	40	TOTAL FLUX(lm)	6106.9	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	151.8	Current(A)	0.189
NOMINAL FLUX(lm)	6106.9	η up(%)	1.8	Power(W)	40.23
LAMPS QUANTITY	1	η down(%)	98.2	Power Factor(PF)	0.961
TEST VOLTAGE(V)	220.4	Effective Flux(lm)	6106.9	EEI	0.090

LUMINOUS INTENSITY DISTRIBUTION



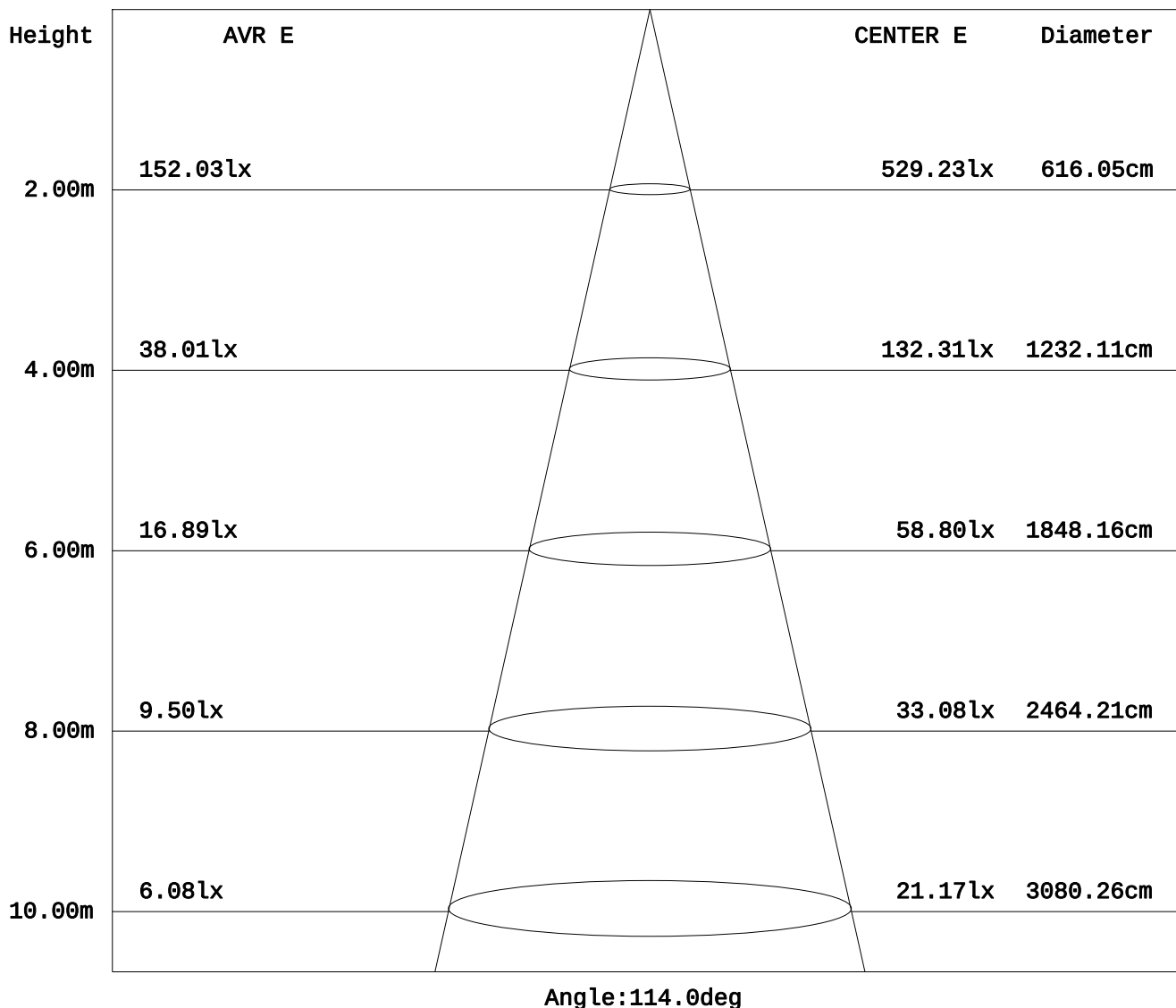
Test System:
 Temperature: 25.3°C
 Operators:
 Test Date: 03-17-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra. 1.3% Flicker. 29.6 Temp.

AVERAGE AND CENTER E Figure

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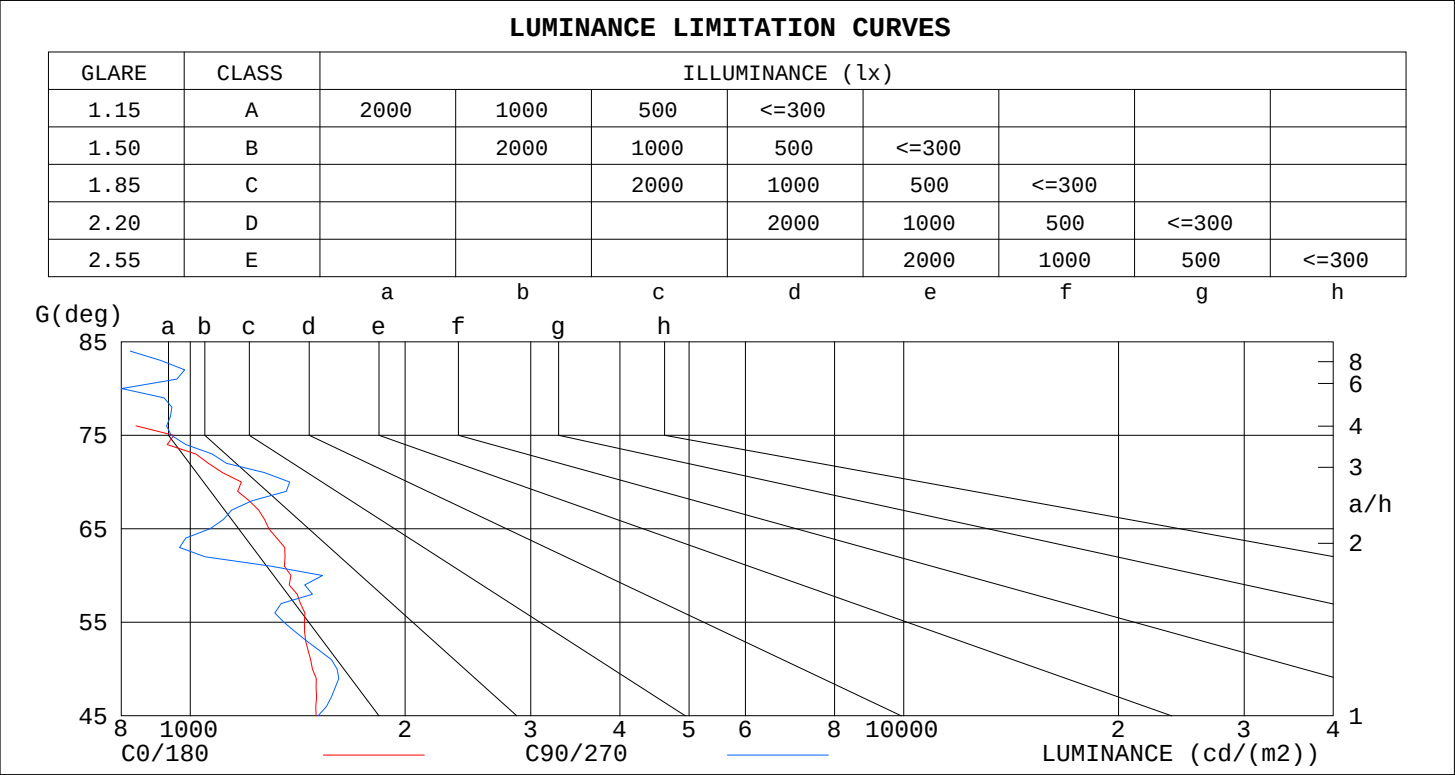
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LUMINANCE LIMITATION CURVES

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SPECIFICATION:	CCT(K): 4137	DIMENSION: 1265x110	SERIAL No.:



LUMINANCE cd/m2		
G(deg)	C0/180	C90/270
85	342	779
80	628	801
75	948	940
70	1179	1378
65	1288	1065
60	1384	1532
55	1445	1353
50	1483	1606
45	1500	1510

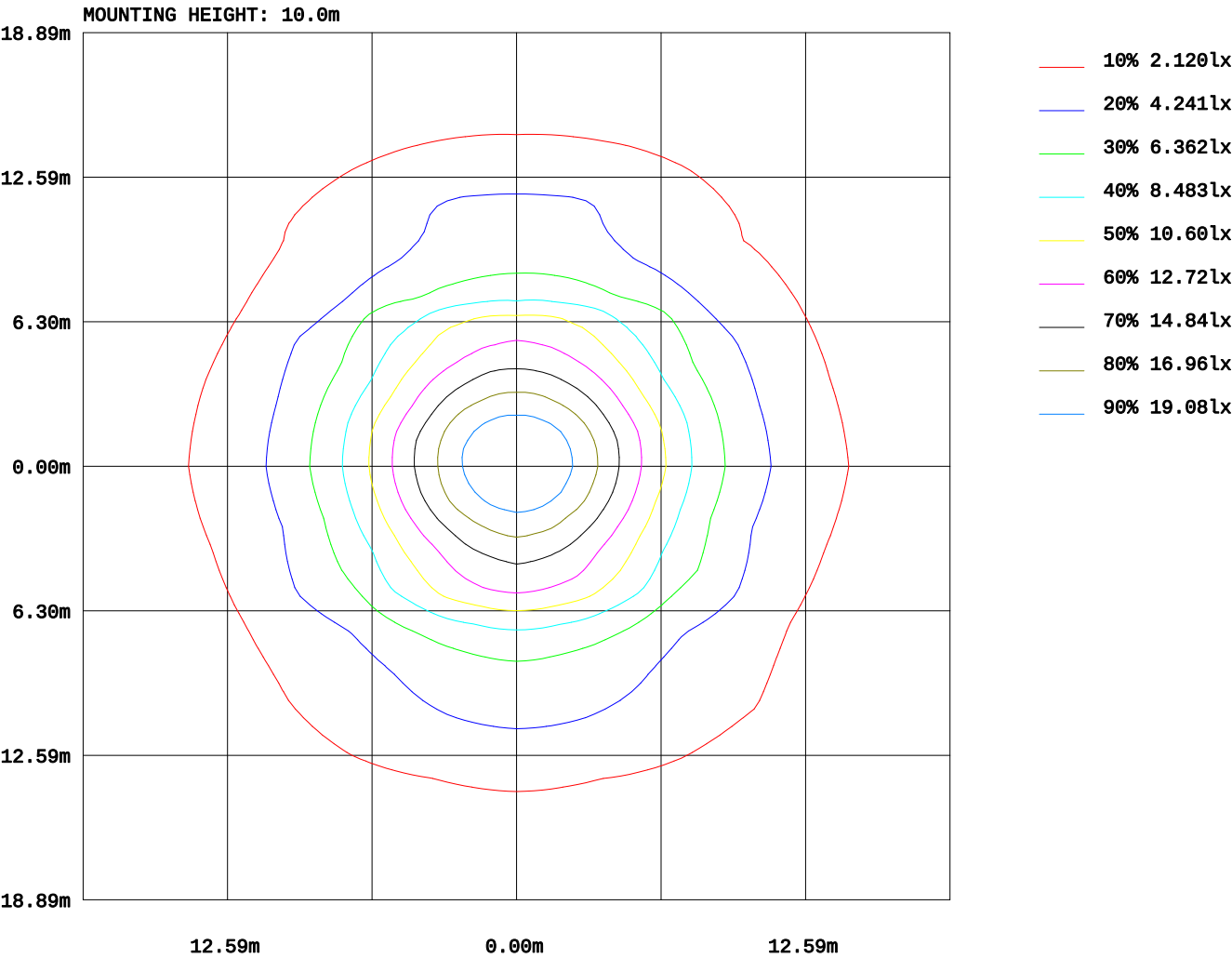
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ISOLUX DIAGRAM

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UGR Table

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SPECIFICATION:	CCT(K): 4137	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	14.0	15.4	14.2	15.7	15.9	14.0	15.5	14.3	15.7	15.9
3H	15.0	16.4	15.4	16.7	16.9	15.4	16.7	15.7	17.0	17.3
4H	15.5	16.8	15.9	17.1	17.4	15.8	17.1	16.1	17.4	17.7
6H	15.6	16.9	16.0	17.2	17.5	16.1	17.3	16.4	17.6	17.9
8H	15.6	16.8	16.0	17.1	17.5	16.2	17.4	16.6	17.7	18.0
12H	15.6	16.7	16.0	17.1	17.4	16.2	17.4	16.6	17.7	18.0
4H 2H	14.6	15.9	14.9	16.2	16.5	14.5	15.8	14.8	16.1	16.4
3H	15.8	16.9	16.2	17.3	17.6	16.1	17.2	16.4	17.5	17.9
4H	16.3	17.4	16.7	17.7	18.1	16.6	17.6	17.0	18.0	18.3
6H	16.5	17.4	16.9	17.8	18.2	16.9	17.9	17.4	18.2	18.6
8H	16.5	17.4	17.0	17.8	18.2	17.1	18.0	17.5	18.4	18.8
12H	16.5	17.3	17.0	17.7	18.2	17.2	18.0	17.6	18.4	18.8
8H 4H	16.5	17.4	16.9	17.8	18.2	16.7	17.6	17.2	18.0	18.4
6H	16.8	17.5	17.3	17.9	18.4	17.2	17.9	17.7	18.4	18.8
8H	16.9	17.5	17.3	17.9	18.4	17.4	18.1	17.9	18.5	19.0
12H	16.9	17.4	17.4	17.9	18.4	17.6	18.1	18.1	18.6	19.1
12H 4H	16.5	17.3	17.0	17.7	18.1	16.7	17.5	17.1	17.9	18.3
6H	16.8	17.5	17.3	17.9	18.4	17.2	17.9	17.7	18.3	18.8
8H	16.9	17.5	17.4	17.9	18.5	17.5	18.0	18.0	18.5	19.0

Variations with the observer position at spacings:

S = 1.0H	+ 0.4 / - 0.3	+ 0.3 / - 0.3
1.5H	+ 0.6 / - 0.5	+ 0.6 / - 1.2
2.0H	+ 0.9 / - 0.7	+ 0.6 / - 0.7

CIE Pub.117 Corrected 6107 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.3)

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 Operators:
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LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION:	CCT(K): 4137	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	2117	2117	2118	2116	2120	2121	2119	2118	2119	2117	2119	2119	2117	2117	2118
5.0	2130	2119	2116	2104	2096	2095	2095	2093	2103	2110	2116	2120	2123	2127	2128
10.0	2105	2083	2082	2067	2051	2048	2048	2037	2050	2057	2075	2088	2105	2104	2103
15.0	2070	2050	2025	1990	1982	1965	1974	1961	1958	1976	2007	2032	2048	2072	2065
20.0	2017	1981	1954	1909	1912	1899	1914	1891	1895	1898	1945	1970	1998	2006	2000
25.0	1933	1897	1852	1834	1870	1905	1922	1882	1841	1804	1841	1890	1933	1952	1891
30.0	1860	1793	1756	1778	1876	1855	1867	1858	1846	1738	1735	1785	1842	1858	1786
35.0	1758	1662	1653	1760	1710	1593	1590	1585	1716	1729	1622	1672	1731	1740	1663
40.0	1617	1524	1573	1561	1452	1418	1441	1412	1427	1572	1534	1515	1595	1598	1537
45.0	1490	1373	1528	1294	1348	1450	1499	1430	1306	1277	1478	1346	1467	1433	1419
50.0	1338	1211	1271	1153	1414	1439	1449	1418	1355	1092	1309	1185	1306	1261	1441
55.0	1164	1037	978	1219	1235	1064	1089	1063	1193	1114	955	1004	1125	1074	956
60.0	972	974	854	1027	867	1055	1076	1007	856	974	778	848	933	900	742
65.0	765	684	956	697	681	563	632	541	518	674	810	769	729	809	858
70.0	566	376	432	369	554	641	662	608	501	316	469	373	519	399	545
75.0	345	454	189	405	344	303	342	289	307	374	160	236	308	238	339
80.0	153	115	155	144	208	194	195	183	181	133	172	88.2	136	147	205
85.0	41.9	41.2	94.3	55.6	94.7	57.7	95.3	52.7	74.5	43.3	73.2	37.7	31.0	85.0	84.8
90.0	16.5	12.8	27.2	17.4	31.2	21.4	34.9	20.6	29.4	14.4	22.7	11.4	9.50	26.6	18.6
95.0	18.4	11.2	19.2	13.0	21.6	14.5	22.7	14.1	21.0	12.4	18.1	10.7	20.2	19.4	13.0
100.0	17.7	10.0	17.8	11.3	17.8	12.2	19.0	11.8	17.4	11.8	18.0	11.7	19.3	17.6	12.6
105.0	17.9	11.1	16.7	11.4	16.4	11.7	17.2	11.7	16.3	11.8	16.6	11.5	17.4	17.6	12.5
110.0	17.6	11.2	15.7	12.3	16.2	12.3	16.9	12.3	16.4	12.6	15.9	10.5	16.2	17.0	13.2
115.0	16.2	11.4	16.3	12.9	16.7	13.3	17.1	13.3	16.9	13.0	16.5	11.1	12.4	15.6	18.9
120.0	15.8	12.3	16.5	13.7	17.2	14.3	17.5	14.4	17.2	13.9	16.0	12.1	13.4	16.0	14.5
125.0	16.5	13.3	16.6	14.8	17.7	15.2	18.1	15.2	17.7	15.0	16.3	13.3	14.5	16.7	15.5
130.0	17.5	14.5	17.1	15.2	18.2	16.1	18.7	16.1	18.2	15.0	16.7	14.5	15.9	17.8	16.0
135.0	18.2	15.6	17.7	16.0	18.9	17.1	19.3	16.9	18.4	15.8	17.5	15.8	16.9	18.7	16.6
140.0	19.1	16.6	18.2	16.5	19.1	17.5	19.5	17.1	18.7	16.5	18.4	17.0	17.9	19.6	17.5
145.0	20.0	17.7	19.0	17.5	19.4	18.0	19.6	17.6	19.0	17.4	19.1	18.0	18.7	20.5	18.5
150.0	20.7	18.4	19.6	18.1	20.0	18.7	20.0	18.1	19.6	18.0	19.7	19.1	19.6	21.2	19.3
155.0	21.2	19.4	20.2	18.9	20.4	19.4	20.2	18.7	20.0	18.9	20.5	20.1	20.6	21.9	20.1
160.0	21.9	20.2	20.7	19.6	20.9	20.1	20.7	19.4	20.5	19.6	21.2	20.9	21.4	22.4	21.0
165.0	22.6	21.1	21.4	20.2	21.2	20.6	21.2	20.0	21.1	20.6	22.0	21.4	22.2	22.9	21.5
170.0	23.1	21.7	22.3	21.1	21.9	21.1	22.0	21.0	22.0	21.4	22.5	21.7	22.7	23.1	22.0
175.0	23.5	22.3	22.7	22.1	22.7	22.1	22.7	21.6	22.5	21.7	22.7	22.1	23.1	23.2	22.3
180.0	23.6	22.7	23.0	22.5	23.0	22.4	23.2	22.0	22.6	22.1	22.7	22.3	23.7	23.1	22.5

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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	2116	2120	2121	2119	2118	2119	2117	2119	2119
5.0	2134	2133	2130	2124	2128	2129	2131	2126	2126
10.0	2105	2104	2100	2088	2101	2107	2117	2107	2105
15.0	2056	2030	2021	2010	2020	2029	2062	2074	2081
20.0	1970	1941	1948	1944	1949	1950	1979	2013	2028
25.0	1881	1863	1886	1882	1885	1876	1894	1911	1952
30.0	1792	1796	1884	1920	1887	1822	1809	1807	1877
35.0	1709	1866	1745	1654	1773	1848	1721	1685	1755
40.0	1732	1441	1411	1417	1447	1497	1732	1566	1619
45.0	1358	1272	1355	1438	1363	1295	1468	1439	1447
50.0	1131	1352	1626	1583	1621	1308	1171	1395	1283
55.0	1121	1306	1203	1170	1201	1387	1079	1081	1099
60.0	1203	931	1025	1158	979	972	1310	782	906
65.0	725	619	588	577	583	886	821	729	770
70.0	365	511	720	834	793	468	581	615	548
75.0	430	370	389	370	404	407	422	518	247
80.0	170	254	308	306	328	246	246	308	256
85.0	116	84.6	119	85.5	134	101	186	122	89.8
90.0	31.2	20.6	33.3	21.2	35.2	22.5	39.7	21.6	32.1
95.0	22.9	15.2	24.7	16.6	25.7	16.4	24.7	13.5	19.5
100.0	18.9	11.9	19.4	12.9	19.7	12.2	19.2	12.9	16.7
105.0	17.2	12.0	18.0	12.7	17.8	11.9	17.4	12.2	17.0
110.0	17.0	12.6	17.6	13.4	17.5	12.4	17.0	12.2	18.0
115.0	17.4	13.6	17.2	13.7	17.2	13.2	17.2	15.2	18.6
120.0	18.5	14.5	17.6	14.5	17.5	14.3	17.5	15.2	16.0
125.0	23.4	16.2	18.2	15.6	18.1	15.7	20.1	15.2	16.5
130.0	20.4	21.1	20.0	17.6	19.7	19.2	21.6	15.8	17.2
135.0	20.4	19.6	26.1	24.6	24.9	19.7	20.5	16.2	18.0
140.0	20.0	19.1	23.4	21.5	23.1	19.1	20.1	16.7	18.9
145.0	20.1	18.7	21.5	19.7	21.7	18.7	19.6	17.7	19.6
150.0	20.6	19.1	21.0	19.4	21.2	18.7	20.1	18.6	20.4
155.0	21.1	19.6	21.1	19.6	21.4	19.3	20.6	19.4	21.0
160.0	21.7	20.2	21.5	20.4	21.7	20.0	21.1	20.1	21.5
165.0	22.3	21.1	22.1	21.1	22.2	20.6	21.6	20.8	22.0
170.0	22.7	21.6	22.6	22.0	22.5	21.2	22.2	21.4	22.4
175.0	23.0	22.2	23.0	22.5	22.7	21.6	22.6	21.7	22.7
180.0	23.1	22.5	23.0	22.7	22.7	22.1	22.7	22.2	22.9

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