

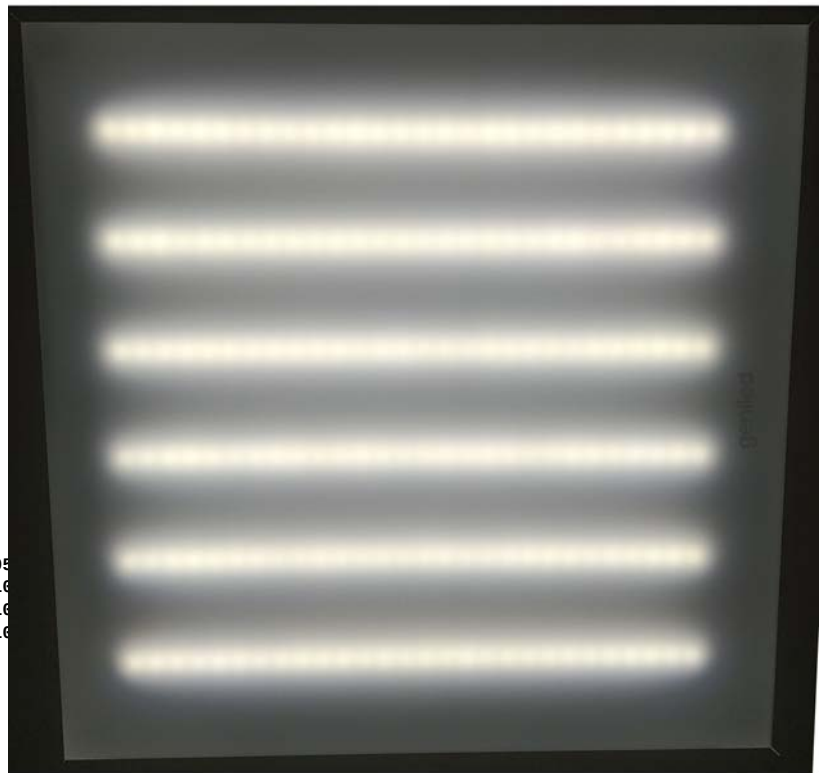
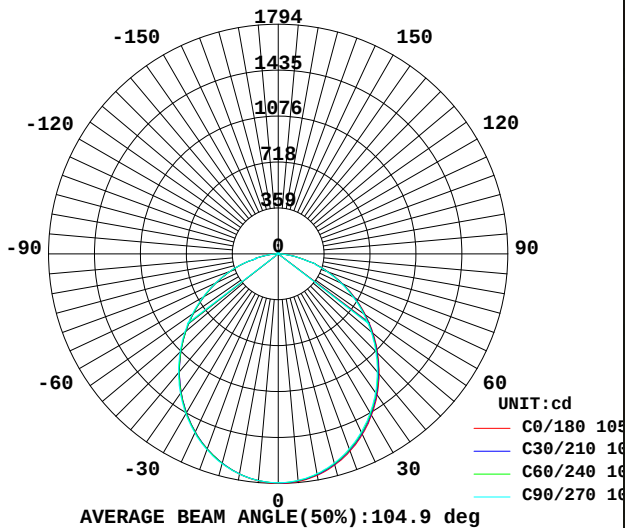
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Office 595x595x20 30W Super Opal polistirol		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4791	DIMENSION: 595x595x20	SERIAL No.:

DATA OF LAMP		Imax(cd)	1794	S/MH(C0/180)	1.20
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.21
NOMINAL POWER(W)	32	TOTAL FLUX(lm)	4702.0	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	147.5	Current(A)	0.154
NOMINAL FLUX(lm)	4702.0	η up(%)	1.3	Power(W)	31.87
LAMPS QUANTITY	1	η down(%)	98.7	Power Factor(PF)	0.938
TEST VOLTAGE(V)	220.4	Effective Flux(lm)	4702.0	EEI	0.092

LUMINOUS INTENSITY DISTRIBUTION



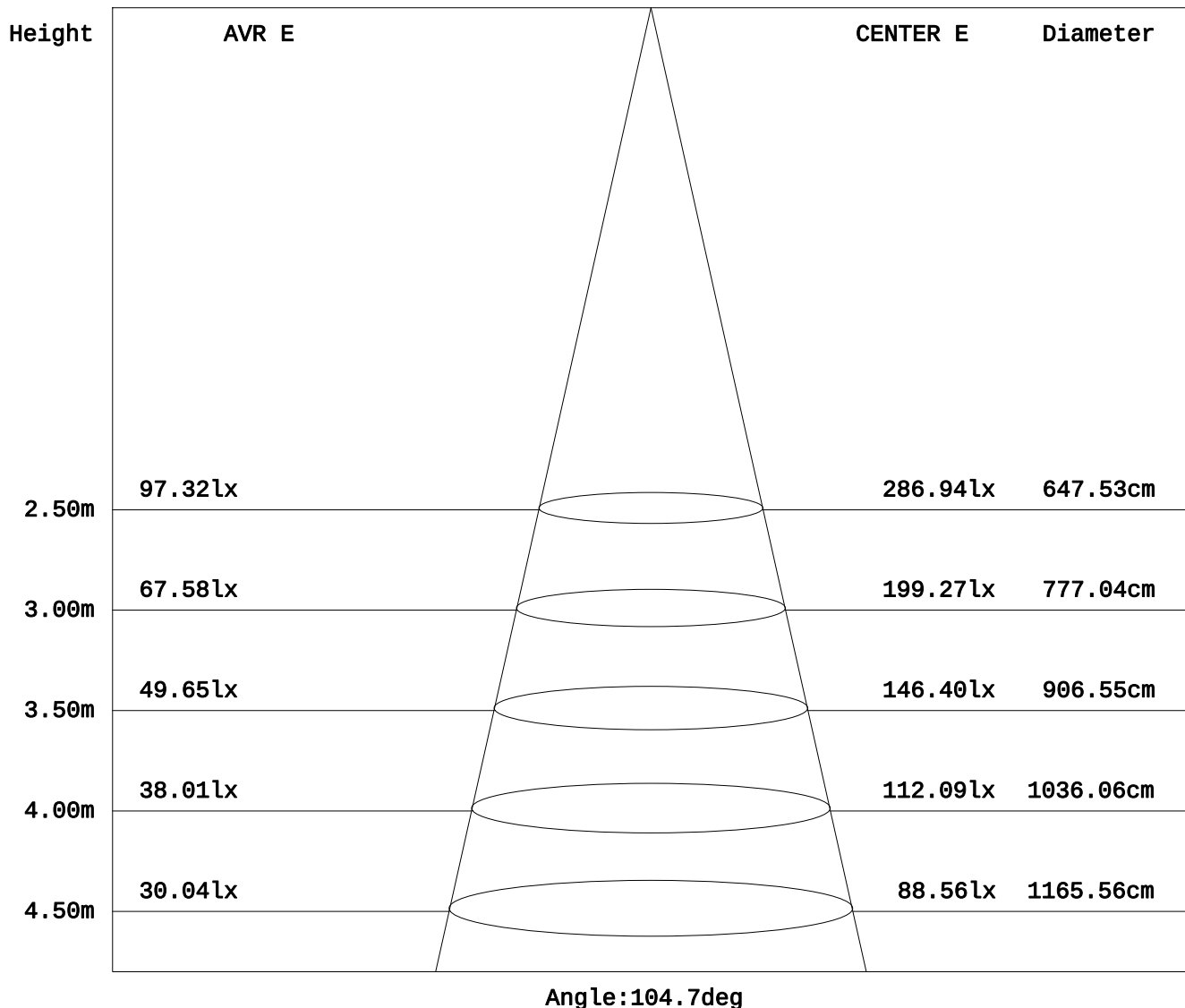
Temperature:25.3'C
Operators:
Test Date:06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 81Ra 0,8% Flickering

AVERAGE AND CENTER E Figure

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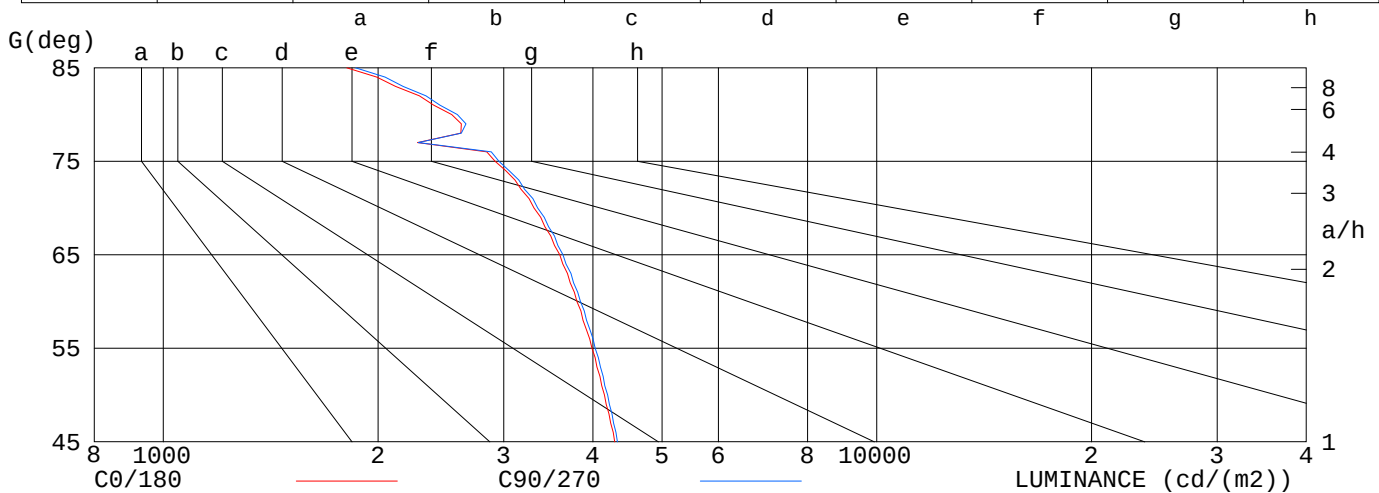
LUMINANCE LIMITATION CURVES

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LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/m2		
G(deg)	C0/180	C90/270
85	1809	1860
80	2536	2583
75	2917	2955
70	3308	3348
65	3594	3632
60	3799	3843
55	3988	4029
50	4153	4196
45	4291	4330

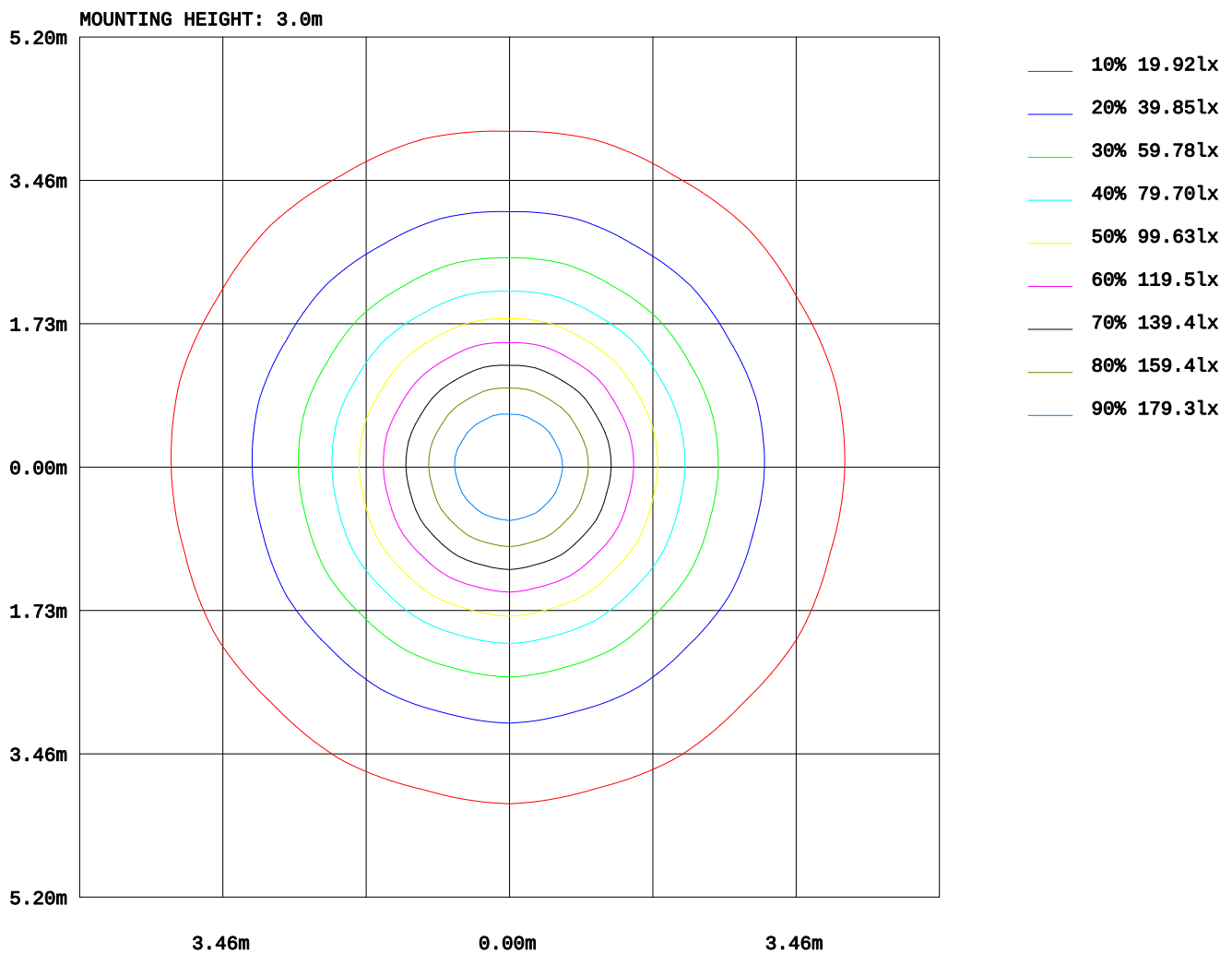
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ISOLUX DIAGRAM

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UGR Table

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SPECIFICATION:	CCT(K): 4791	DIMENSION: 595x595x20		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	17.4	18.8	17.7	19.1	19.3	17.4	18.9	17.7	19.1	19.3
3H	18.7	20.0	19.0	20.3	20.6	18.7	20.1	19.0	20.3	20.6
4H	19.2	20.4	19.5	20.7	21.0	19.2	20.5	19.5	20.8	21.1
6H	19.4	20.6	19.8	20.9	21.2	19.5	20.7	19.8	21.0	21.3
8H	19.5	20.7	19.9	21.0	21.3	19.6	20.7	19.9	21.0	21.3
12H	19.5	20.6	19.9	21.0	21.3	19.6	20.7	19.9	21.0	21.4
4H 2H	17.9	19.2	18.2	19.5	19.7	17.9	19.2	18.3	19.5	19.8
3H	19.4	20.5	19.8	20.9	21.2	19.5	20.6	19.8	20.9	21.2
4H	20.0	21.0	20.4	21.3	21.7	20.0	21.0	20.4	21.4	21.8
6H	20.3	21.2	20.7	21.6	22.0	20.4	21.3	20.8	21.6	22.0
8H	20.4	21.3	20.8	21.6	22.1	20.5	21.3	20.9	21.7	22.1
12H	20.5	21.2	20.9	21.6	22.1	20.5	21.3	21.0	21.7	22.1
8H 4H	20.2	21.0	20.6	21.4	21.8	20.2	21.0	20.6	21.4	21.8
6H	20.6	21.3	21.1	21.7	22.2	20.7	21.4	21.1	21.8	22.2
8H	20.8	21.4	21.2	21.8	22.3	20.8	21.4	21.3	21.9	22.4
12H	20.8	21.4	21.3	21.8	22.3	20.9	21.4	21.4	21.9	22.4
12H 4H	20.1	20.9	20.6	21.3	21.8	20.2	21.0	20.6	21.4	21.8
6H	20.6	21.3	21.1	21.7	22.2	20.7	21.3	21.2	21.7	22.2
8H	20.8	21.3	21.3	21.8	22.3	20.9	21.4	21.4	21.9	22.4

Variations with the observer position at spacings:

S = 1.0H	+ 0.2 / - 0.2	+ 0.2 / - 0.2
1.5H	+ 0.1 / - 0.2	+ 0.1 / - 0.1
2.0H	+ 0.4 / - 0.3	+ 0.4 / - 0.3

CIE Pub.117 Corrected 4702 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.4)

Temperature:25.3'C
Operators:
Test Date:06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 81Ra 0,8% Flickering

LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION:	CCT(K): 4791	DIMENSION: 595x595x20	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	1793	1791	1790	1789	1788	1788	1788	1788	1787	1788	1788	1788	1793	1791	1790
5.0	1781	1775	1778	1774	1778	1775	1779	1775	1780	1777	1780	1778	1786	1785	1781
10.0	1747	1740	1745	1740	1746	1741	1748	1744	1750	1746	1752	1748	1757	1758	1751
15.0	1693	1684	1691	1684	1694	1687	1698	1691	1700	1695	1704	1697	1708	1712	1703
20.0	1623	1610	1622	1611	1624	1615	1629	1619	1633	1625	1638	1627	1639	1647	1633
25.0	1535	1522	1534	1524	1537	1528	1543	1535	1550	1541	1554	1544	1555	1565	1549
30.0	1434	1418	1433	1419	1436	1425	1443	1432	1449	1439	1455	1444	1457	1467	1451
35.0	1323	1304	1322	1305	1326	1311	1334	1319	1341	1326	1347	1330	1346	1360	1339
40.0	1202	1183	1201	1184	1204	1190	1212	1198	1220	1205	1227	1212	1226	1241	1218
45.0	1074	1053	1072	1054	1076	1060	1084	1069	1091	1076	1099	1082	1099	1115	1094
50.0	945	919	943	919	946	926	955	934	962	942	970	949	967	986	960
55.0	810	786	807	786	810	791	818	800	825	808	834	816	830	851	825
60.0	673	648	670	646	672	652	680	660	687	668	696	676	694	714	690
65.0	538	508	534	507	536	511	543	520	551	527	560	536	554	579	551
70.0	401	374	397	372	398	376	405	384	412	391	421	400	415	442	413
75.0	267	230	264	228	264	232	271	238	277	246	286	253	296	306	298
80.0	156	113	152	112	153	115	159	121	165	127	171	133	148	187	147
85.0	55.8	27.7	51.8	27.1	53.6	29.1	57.4	32.7	62.0	36.3	65.5	39.7	49.3	80.1	47.7
90.0	12.7	3.40	12.2	3.30	12.2	3.30	12.5	3.30	13.0	3.40	13.9	3.50	4.50	16.1	3.80
95.0	11.1	4.00	10.9	3.90	10.9	3.90	10.9	3.90	11.0	3.90	11.1	3.90	4.20	11.4	4.00
100.0	10.5	4.70	10.3	4.60	10.3	4.50	10.4	4.60	10.4	4.50	10.4	4.50	5.00	10.7	4.60
105.0	10.4	5.40	10.1	5.30	10.1	5.30	10.2	5.20	10.1	5.20	10.1	5.30	5.80	10.4	5.60
110.0	10.4	6.10	10.2	6.00	10.1	6.00	10.1	6.00	10.2	5.90	10.1	5.90	6.50	10.4	6.10
115.0	10.5	6.80	10.3	6.70	10.3	6.70	10.3	6.70	10.3	6.60	10.3	6.60	7.20	10.5	6.80
120.0	10.9	7.60	10.5	7.40	10.5	7.40	10.5	7.40	10.5	7.30	10.5	7.40	8.00	10.8	7.60
125.0	11.3	8.40	11.0	8.20	10.9	8.20	11.0	8.10	10.9	8.10	10.9	8.10	8.80	11.1	8.29
130.0	11.7	9.09	11.4	8.90	11.3	8.90	11.5	8.90	11.2	8.80	11.3	8.90	9.50	11.5	9.00
135.0	12.1	9.80	11.8	9.60	11.8	9.60	11.8	9.50	11.7	9.50	11.5	9.50	10.3	12.0	9.80
140.0	12.6	10.4	12.2	10.3	12.2	10.4	12.3	10.2	12.0	10.1	12.1	10.3	11.0	12.5	10.4
145.0	13.0	11.1	12.6	10.9	12.6	11.0	12.7	10.8	12.5	10.7	12.5	11.0	11.5	12.9	11.1
150.0	13.4	11.7	13.0	11.5	13.0	11.5	13.0	11.5	12.9	11.3	13.0	11.5	12.2	13.4	11.5
155.0	13.7	12.2	13.4	12.0	13.4	12.2	13.4	12.0	13.2	11.9	13.3	12.1	12.7	13.7	12.1
160.0	14.0	12.7	13.7	12.5	13.7	12.7	13.7	12.5	13.7	12.4	13.7	12.7	13.2	14.0	12.6
165.0	14.3	13.0	14.1	12.9	14.0	13.0	14.1	12.9	14.0	12.8	13.9	13.0	13.7	14.2	12.9
170.0	14.5	13.3	14.3	13.3	14.2	13.3	14.3	13.2	14.2	13.2	14.2	13.2	14.1	14.3	13.3
175.0	14.5	13.5	14.3	13.5	14.3	13.4	14.5	13.4	14.3	13.5	14.3	13.5	14.3	14.4	13.5
180.0	14.5	13.7	14.4	13.7	14.3	13.7	14.5	13.7	14.3	13.7	14.4	13.7	14.7	14.4	13.7

Temperature:25.3'C
Operators:
Test Date:06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 81Ra 0,8% Flickering

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	1789	1788	1788	1788	1788	1787	1788	1788	1788
5.0	1783	1778	1780	1776	1778	1774	1775	1774	1777
10.0	1755	1747	1751	1743	1748	1739	1746	1739	1745
15.0	1707	1697	1702	1692	1698	1689	1695	1686	1692
20.0	1642	1628	1636	1621	1632	1616	1625	1613	1623
25.0	1558	1541	1552	1536	1546	1529	1542	1525	1538
30.0	1459	1444	1453	1436	1446	1429	1440	1425	1438
35.0	1353	1332	1345	1325	1339	1317	1332	1312	1330
40.0	1234	1211	1227	1202	1219	1196	1213	1191	1210
45.0	1108	1086	1100	1079	1093	1071	1086	1066	1083
50.0	980	954	973	947	965	939	959	934	955
55.0	845	818	839	812	832	804	825	799	821
60.0	709	684	703	678	697	671	690	665	685
65.0	575	546	569	540	563	533	557	528	552
70.0	438	409	433	404	428	397	421	391	416
75.0	304	298	300	297	295	257	289	251	283
80.0	186	146	184	143	181	138	176	133	170
85.0	79.4	47.7	78.5	46.7	76.0	43.2	71.1	39.5	67.2
90.0	16.0	3.70	15.6	3.90	15.8	3.90	14.9	3.60	13.9
95.0	11.3	3.90	11.2	4.00	11.2	4.00	11.2	4.00	11.2
100.0	10.5	4.60	10.5	4.70	10.5	4.70	10.5	4.70	10.7
105.0	10.4	5.30	10.4	5.40	10.4	5.40	10.4	5.50	10.5
110.0	10.3	6.10	10.4	6.20	10.5	6.20	10.4	6.20	10.4
115.0	10.5	6.80	10.5	7.00	10.5	7.00	10.5	7.00	10.5
120.0	10.8	7.60	10.9	7.80	10.9	7.70	10.9	7.70	10.9
125.0	11.1	8.29	11.2	8.50	11.3	8.40	11.2	8.50	11.2
130.0	11.5	9.00	11.5	9.30	11.5	9.20	11.5	9.20	11.7
135.0	11.9	9.70	12.0	10.0	12.1	9.90	12.1	9.80	12.0
140.0	12.3	10.3	12.4	10.7	12.6	10.5	12.5	10.5	12.5
145.0	12.7	11.0	12.8	11.3	13.0	11.2	12.9	11.0	12.9
150.0	13.0	11.5	13.2	11.8	13.4	11.7	13.2	11.7	13.3
155.0	13.4	12.1	13.6	12.3	13.7	12.2	13.6	12.2	13.7
160.0	13.7	12.7	13.9	12.8	14.1	12.6	13.9	12.7	13.9
165.0	14.1	13.0	14.2	13.2	14.3	13.0	14.1	13.0	14.2
170.0	14.3	13.4	14.3	13.5	14.4	13.3	14.3	13.3	14.3
175.0	14.5	13.6	14.4	13.7	14.4	13.5	14.5	13.5	14.3
180.0	14.4	13.7	14.3	13.9	14.3	13.7	14.4	13.7	14.3

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