

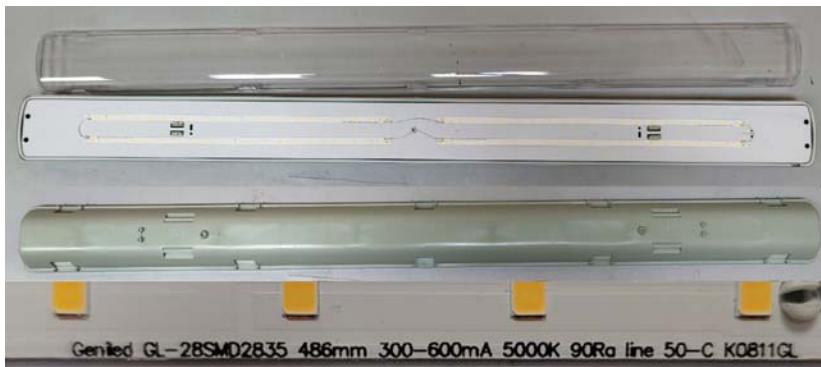
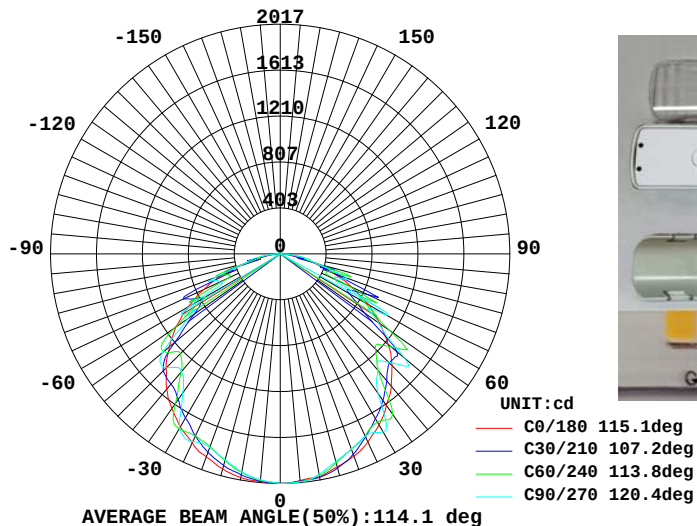
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: LSP Advanced 2x36 1200 IP65 40W 5000K 90Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4234	DIMENSION: 1265x110	SERIAL No.:

DATA OF LAMP		Imax(cd)	2017	S/MH(C0/180)	1.29
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.25
NOMINAL POWER(W)	40	TOTAL FLUX(lm)	5752.9	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	145.5	Current(A)	0.186
NOMINAL FLUX(lm)	5752.9	η up(%)	1.8	Power(W)	39.54
LAMPS QUANTITY	1	η down(%)	98.2	Power Factor(PF)	0.960
TEST VOLTAGE(V)	220.4	Effective Flux(lm)	5752.9	EEI	0.094

LUMINOUS INTENSITY DISTRIBUTION



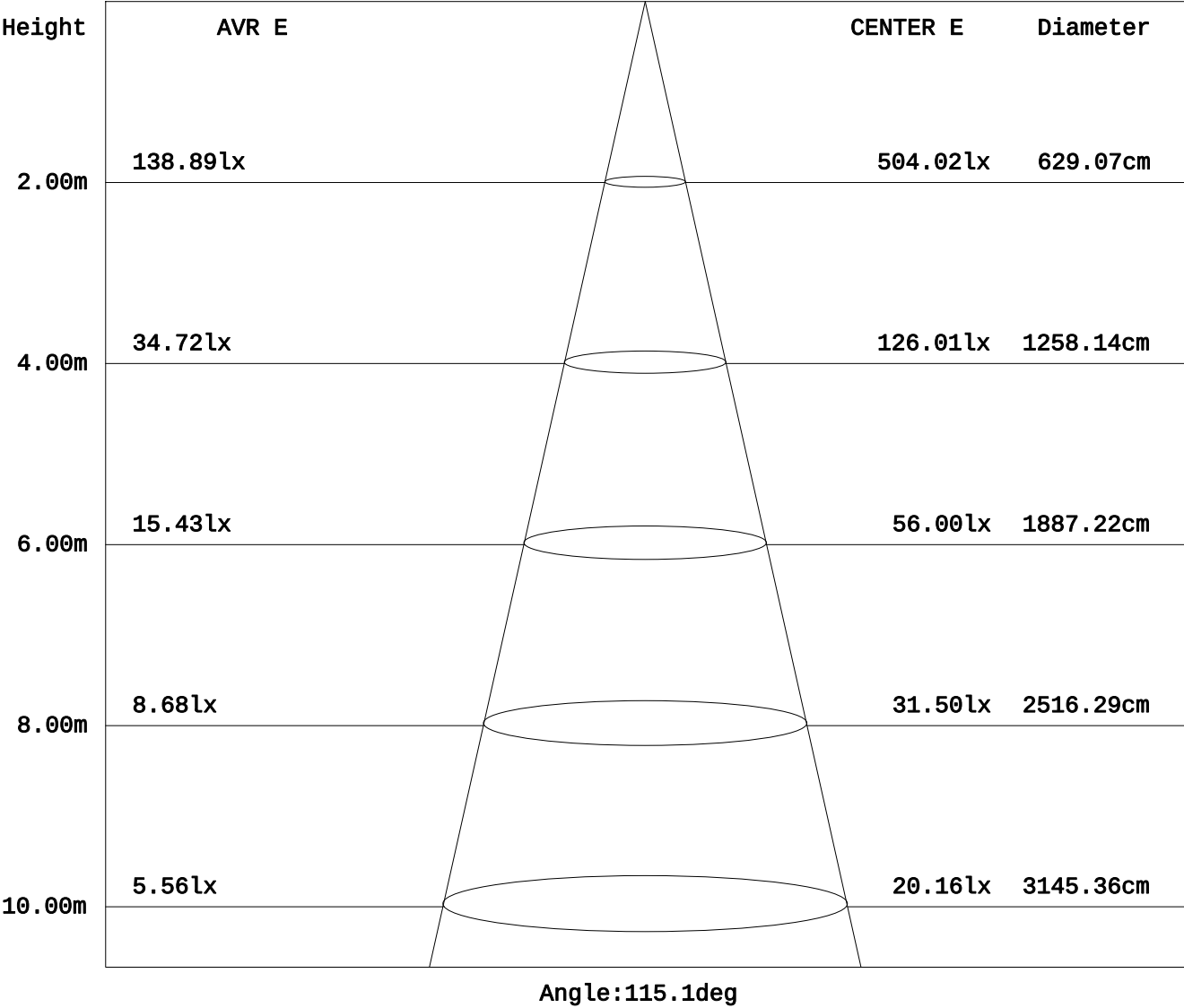
Test System:
 Temperature: 25.3°C
 Operators:
 Test Date: 03-21-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 92Ra. 1.5% Flicker. 32.2 Temp.

AVERAGE AND CENTER E Figure

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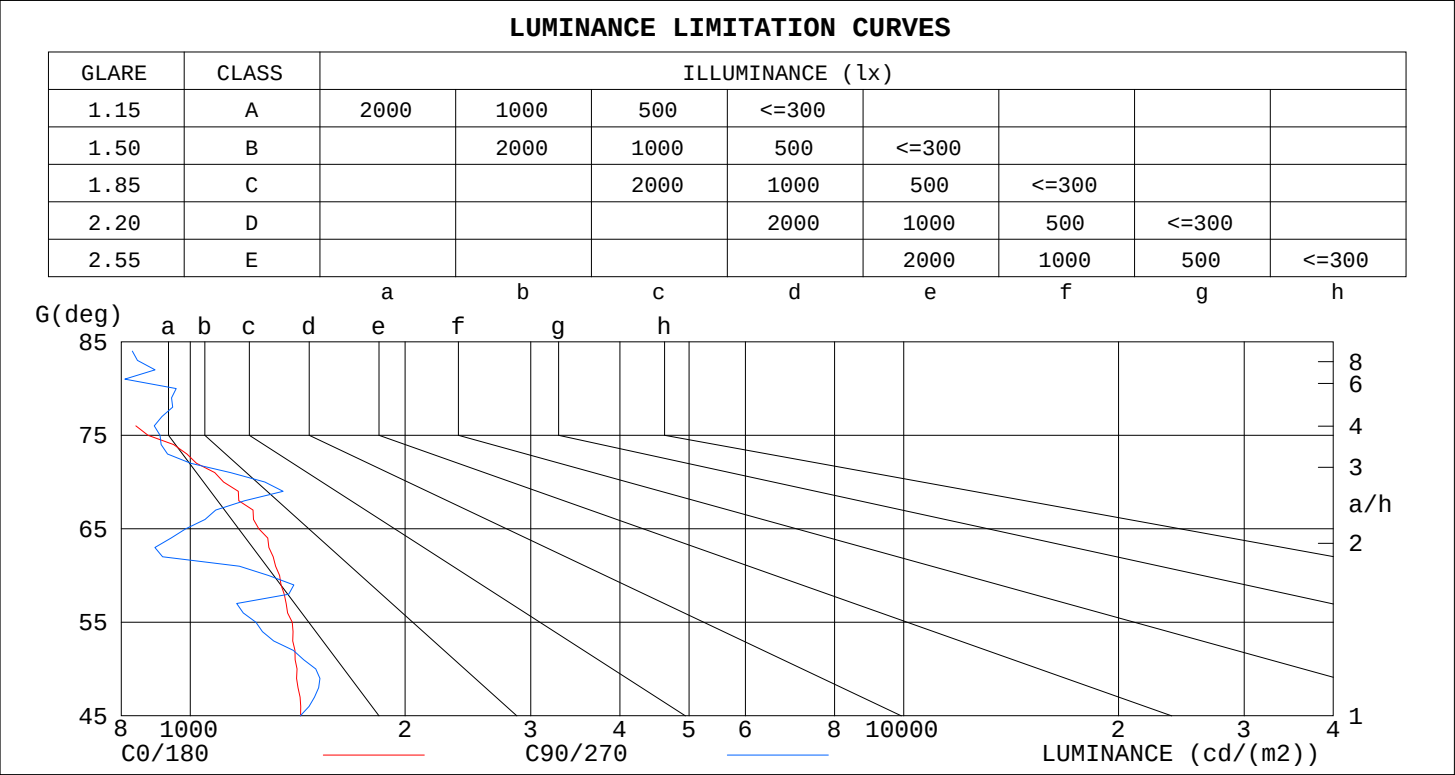
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Operators:
Test Date: 03-21-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 92Ra. 1.5% Flicker. 32.2 Temp.

LUMINANCE LIMITATION CURVES

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SPECIFICATION:	CCT(K): 4234	DIMENSION: 1265x110	SERIAL No.:



LUMINANCE cd/m2		
G(deg)	C0/180	C90/270
85	359	793
80	634	955
75	872	907
70	1113	1272
65	1247	986
60	1334	1287
55	1390	1236
50	1411	1499
45	1427	1426

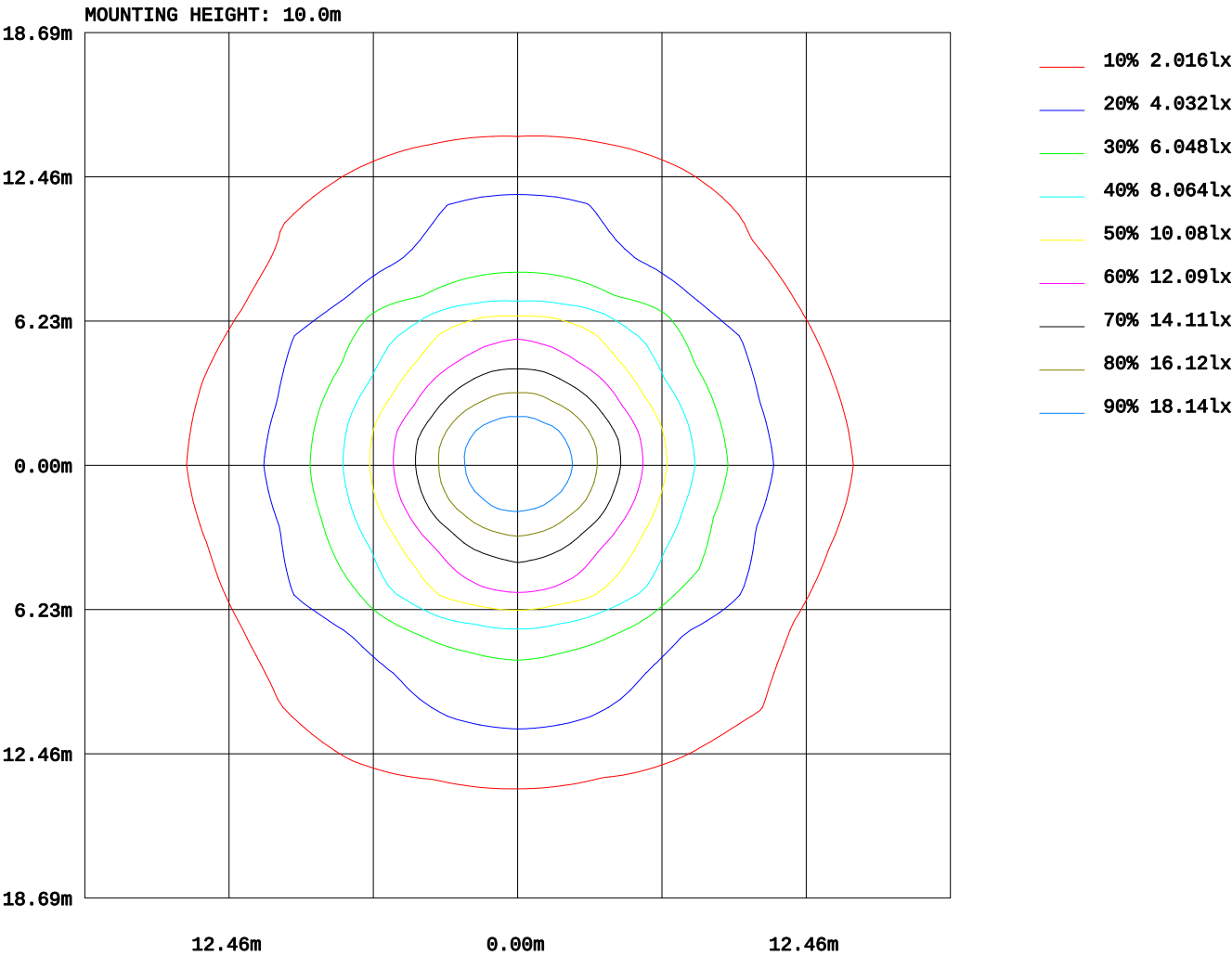
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ISOLUX DIAGRAM

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UGR Table

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SPECIFICATION:	CCT(K): 4234	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	13.8	15.3	14.1	15.5	15.8	13.6	15.1	13.9	15.3	15.6
3H	15.0	16.3	15.3	16.6	16.9	15.0	16.4	15.4	16.7	16.9
4H	15.4	16.7	15.8	17.0	17.3	15.4	16.7	15.8	17.0	17.3
6H	15.6	16.8	15.9	17.1	17.4	15.8	17.0	16.2	17.3	17.6
8H	15.6	16.7	15.9	17.1	17.4	15.9	17.1	16.3	17.4	17.7
12H	15.5	16.7	15.9	17.0	17.3	16.0	17.1	16.4	17.4	17.8
4H 2H	14.4	15.7	14.8	16.0	16.3	14.1	15.4	14.4	15.7	16.0
3H	15.7	16.9	16.1	17.2	17.5	15.7	16.9	16.1	17.2	17.5
4H	16.2	17.2	16.6	17.6	18.0	16.2	17.3	16.6	17.6	18.0
6H	16.4	17.3	16.8	17.7	18.1	16.7	17.6	17.1	18.0	18.4
8H	16.4	17.3	16.9	17.7	18.1	16.8	17.7	17.3	18.1	18.5
12H	16.4	17.2	16.9	17.6	18.1	16.9	17.7	17.4	18.1	18.6
8H 4H	16.4	17.2	16.8	17.6	18.1	16.4	17.2	16.8	17.6	18.1
6H	16.7	17.4	17.2	17.8	18.3	17.0	17.7	17.4	18.1	18.6
8H	16.8	17.4	17.3	17.9	18.3	17.2	17.8	17.7	18.3	18.8
12H	16.8	17.3	17.3	17.8	18.3	17.3	17.9	17.8	18.3	18.9
12H 4H	16.4	17.2	16.8	17.6	18.0	16.4	17.2	16.8	17.6	18.0
6H	16.7	17.3	17.2	17.8	18.3	17.0	17.6	17.5	18.1	18.5
8H	16.8	17.4	17.3	17.8	18.4	17.2	17.8	17.7	18.2	18.8

Variations with the observer position at spacings:

S = 1.0H	+ 0.4 / - 0.4	+ 0.1 / - 0.3
1.5H	+ 0.5 / - 0.5	+ 0.5 / - 1.1
2.0H	+ 1.1 / - 0.8	+ 0.7 / - 0.6

CIE Pub.117 Corrected 5753 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.1)

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: 92Ra. 1.5% Flicker. 32.2 Temp.

LUMINOUS DISTRIBUTION INTENSITY DATA

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Address:															
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SPECIFICATION:				CCT(K): 4234				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	2016	2013	2015	2013	2016	2016	2016	2013	2016	2015	2016	2017	2016	2013	2015
5.0	2009	2007	2005	1999	1996	1989	1992	1992	2000	1998	2003	1999	1998	2003	2003
10.0	1995	1984	1973	1950	1950	1940	1944	1947	1957	1951	1970	1978	1987	1993	1993
15.0	1955	1940	1923	1891	1877	1864	1870	1861	1872	1890	1916	1929	1936	1955	1947
20.0	1898	1871	1857	1809	1802	1798	1808	1798	1812	1808	1857	1877	1891	1902	1873
25.0	1831	1794	1765	1727	1765	1801	1820	1790	1754	1723	1761	1797	1822	1839	1776
30.0	1754	1707	1664	1681	1774	1765	1769	1773	1760	1662	1653	1707	1736	1749	1670
35.0	1660	1585	1563	1669	1603	1496	1497	1503	1651	1656	1556	1595	1625	1632	1571
40.0	1551	1450	1494	1488	1355	1326	1351	1332	1370	1521	1458	1466	1519	1497	1456
45.0	1417	1302	1453	1206	1242	1363	1416	1348	1232	1222	1423	1305	1390	1339	1356
50.0	1274	1158	1209	1077	1332	1343	1353	1355	1296	1051	1275	1136	1238	1189	1337
55.0	1119	1001	922	1155	1138	992	995	1008	1184	1102	937	973	1071	1023	903
60.0	937	916	792	943	754	925	904	928	793	967	748	831	906	854	702
65.0	740	664	940	575	506	549	585	530	566	610	812	757	687	787	845
70.0	535	374	421	337	540	603	611	612	487	323	483	379	493	392	509
75.0	317	407	181	438	304	288	330	287	315	400	264	195	307	195	330
80.0	155	117	145	135	205	184	233	186	201	133	217	88.0	121	145	203
85.0	43.9	40.9	80.6	48.5	83.0	56.0	97.0	59.2	91.5	51.0	80.9	41.0	25.4	70.9	79.5
90.0	17.2	12.2	25.2	15.7	29.8	20.7	34.4	20.5	30.3	15.0	24.2	11.3	8.10	23.5	17.2
95.0	18.7	10.8	19.0	12.4	21.9	15.0	23.6	15.2	22.1	12.6	19.0	10.4	12.7	18.4	12.4
100.0	18.1	10.0	17.9	11.3	17.8	12.4	19.6	12.6	18.1	11.8	18.4	10.5	16.5	17.0	12.5
105.0	18.7	10.9	16.5	11.0	16.2	11.8	17.8	12.2	16.9	11.9	17.0	12.8	17.9	16.2	12.1
110.0	20.1	17.0	15.5	12.0	16.1	12.3	17.4	12.6	16.6	12.6	16.5	11.2	17.4	17.7	12.4
115.0	17.4	11.3	16.3	12.8	16.5	13.2	17.2	13.3	17.1	13.3	17.8	11.0	12.1	15.4	14.5
120.0	15.2	11.8	16.4	13.9	17.1	14.2	17.7	14.3	17.5	14.5	16.5	11.9	12.8	15.2	13.4
125.0	15.9	12.9	16.5	15.2	17.6	15.0	18.0	15.0	17.9	15.8	16.7	13.0	13.7	15.8	14.2
130.0	16.5	14.0	17.1	15.4	18.9	16.1	18.7	16.2	19.4	15.9	17.1	14.2	14.9	16.5	14.8
135.0	17.4	15.0	17.2	16.2	19.2	17.9	20.2	18.0	19.2	16.4	17.5	15.2	16.0	17.5	15.4
140.0	18.0	16.0	17.7	16.5	19.6	17.8	20.2	17.8	19.5	16.5	18.0	16.4	16.9	18.1	16.2
145.0	18.9	16.9	18.2	16.6	19.5	18.2	20.2	17.9	19.2	17.0	18.7	17.2	17.8	19.0	17.0
150.0	19.6	17.7	18.7	17.2	19.2	18.1	19.7	17.8	19.2	17.5	19.3	18.1	18.6	19.6	17.9
155.0	20.2	18.4	19.3	18.0	19.4	18.5	19.5	18.0	19.4	18.1	19.7	19.1	19.4	20.2	18.6
160.0	20.8	19.2	19.9	18.7	19.9	19.1	20.0	18.6	19.7	18.7	20.2	19.9	20.2	20.8	19.2
165.0	21.2	19.7	20.4	19.4	20.4	19.6	20.6	19.3	20.2	19.5	20.9	20.4	20.9	21.4	19.7
170.0	21.7	20.4	21.0	20.0	20.9	20.1	21.1	19.9	20.8	20.2	21.5	20.8	21.4	21.7	20.4
175.0	22.1	20.9	21.4	20.6	21.2	20.5	21.9	20.6	21.5	20.8	21.6	21.0	21.7	21.7	20.8
180.0	22.1	21.1	21.6	21.0	21.6	21.1	22.1	21.1	21.6	21.1	21.6	21.1	22.2	21.6	21.1

Test System:
Temperature:25.3'C
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 92Ra. 1.5% Flicker. 32.2 Temp.

LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION:	CCT(K): 4234	DIMENSION: 1265x110	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	2013	2016	2016	2016	2013	2016	2015	2016	2017
5.0	2005	2008	2014	2010	2015	2009	2009	2006	2008
10.0	1994	1976	1976	1966	1976	1974	1994	1990	1989
15.0	1937	1899	1897	1887	1896	1897	1932	1945	1954
20.0	1844	1826	1834	1826	1834	1821	1844	1879	1905
25.0	1766	1763	1771	1768	1775	1760	1769	1785	1846
30.0	1687	1707	1794	1808	1787	1709	1693	1675	1749
35.0	1609	1721	1577	1498	1566	1712	1609	1576	1640
40.0	1638	1345	1336	1330	1345	1357	1622	1464	1510
45.0	1248	1185	1293	1345	1294	1207	1290	1351	1357
50.0	1056	1274	1489	1429	1497	1268	1081	1336	1197
55.0	1083	1176	1085	1050	1096	1205	1051	965	1038
60.0	1083	864	929	1084	931	873	1163	732	866
65.0	677	651	527	540	545	812	713	767	762
70.0	348	438	656	611	636	441	460	546	451
75.0	441	350	352	333	364	369	439	419	199
80.0	183	221	266	237	268	222	171	245	134
85.0	116	80.1	117	81.3	123	88.0	143	90.2	71.3
90.0	31.0	21.5	36.0	23.5	36.7	22.1	35.2	19.2	26.8
95.0	22.7	15.9	25.7	17.2	25.5	16.2	23.9	12.8	18.6
100.0	18.6	12.0	19.9	13.0	20.1	12.2	18.7	12.6	15.6
105.0	17.2	12.0	17.7	12.7	17.7	11.9	17.2	12.1	15.9
110.0	16.6	12.3	17.2	13.3	17.2	12.3	16.7	11.8	15.2
115.0	16.9	13.0	16.9	13.3	16.9	13.0	16.7	13.6	16.9
120.0	17.4	13.7	16.9	13.9	17.0	13.7	16.7	13.7	15.2
125.0	18.6	14.9	17.4	14.7	17.5	14.9	18.0	14.2	15.8
130.0	18.7	16.6	18.2	16.0	18.2	16.3	18.9	14.8	16.4
135.0	18.9	17.2	20.2	18.0	20.0	17.2	18.7	15.2	17.2
140.0	18.7	17.5	20.2	18.4	20.2	17.2	18.7	15.9	17.9
145.0	18.7	17.4	19.9	18.1	20.2	17.4	18.5	16.7	18.6
150.0	19.2	17.7	19.6	18.0	19.7	17.6	19.0	17.5	19.2
155.0	19.6	18.1	19.6	18.1	19.9	18.0	19.5	18.1	19.6
160.0	20.2	18.7	20.0	18.9	20.2	18.7	19.9	18.7	20.1
165.0	20.6	19.4	20.5	19.6	20.7	19.4	20.4	19.4	20.7
170.0	21.0	19.9	20.9	20.2	21.0	19.9	20.7	20.0	21.1
175.0	21.5	20.5	21.2	20.8	21.1	20.4	21.1	20.5	21.5
180.0	21.6	21.1	21.6	21.5	21.6	21.1	21.6	21.1	21.7

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