

TEST REPORT

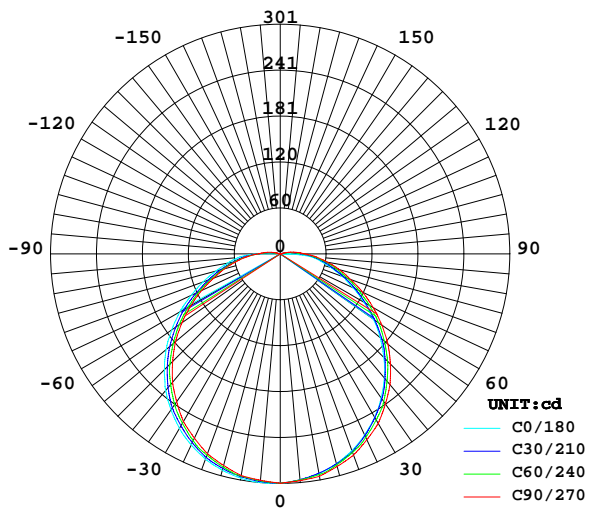
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

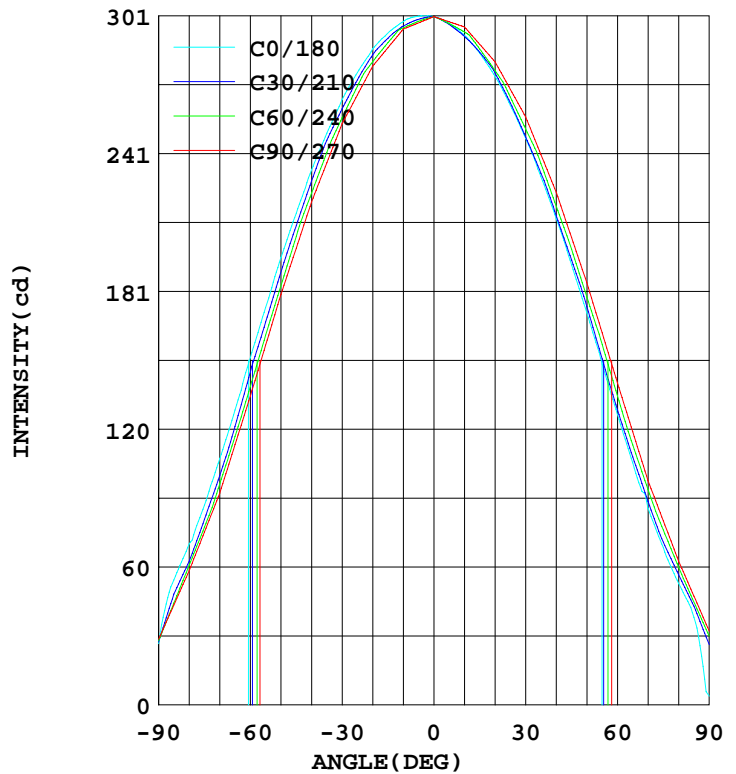
MANUFACTURER:	Address:	
NAME: CL-081403-WW	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:1-3

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		I _{max} (cd)	301.0	S/MH(C0/180)	1.30
NOMINAL POWER(W)	20	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	942.39	Voltage(V)	219.3
NOMINAL FLUX(lm)	942.4	EFFICIENCY(lm/W)	48.6	Current(A)	0.092
LAMPS QUANTITY	1	η up(%)	1.9	Power(W)	19.40
TEST VOLTAGE(V)	219.3	η down(%)	98.1	Power Factor(PF)	0.954

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2013-11-29

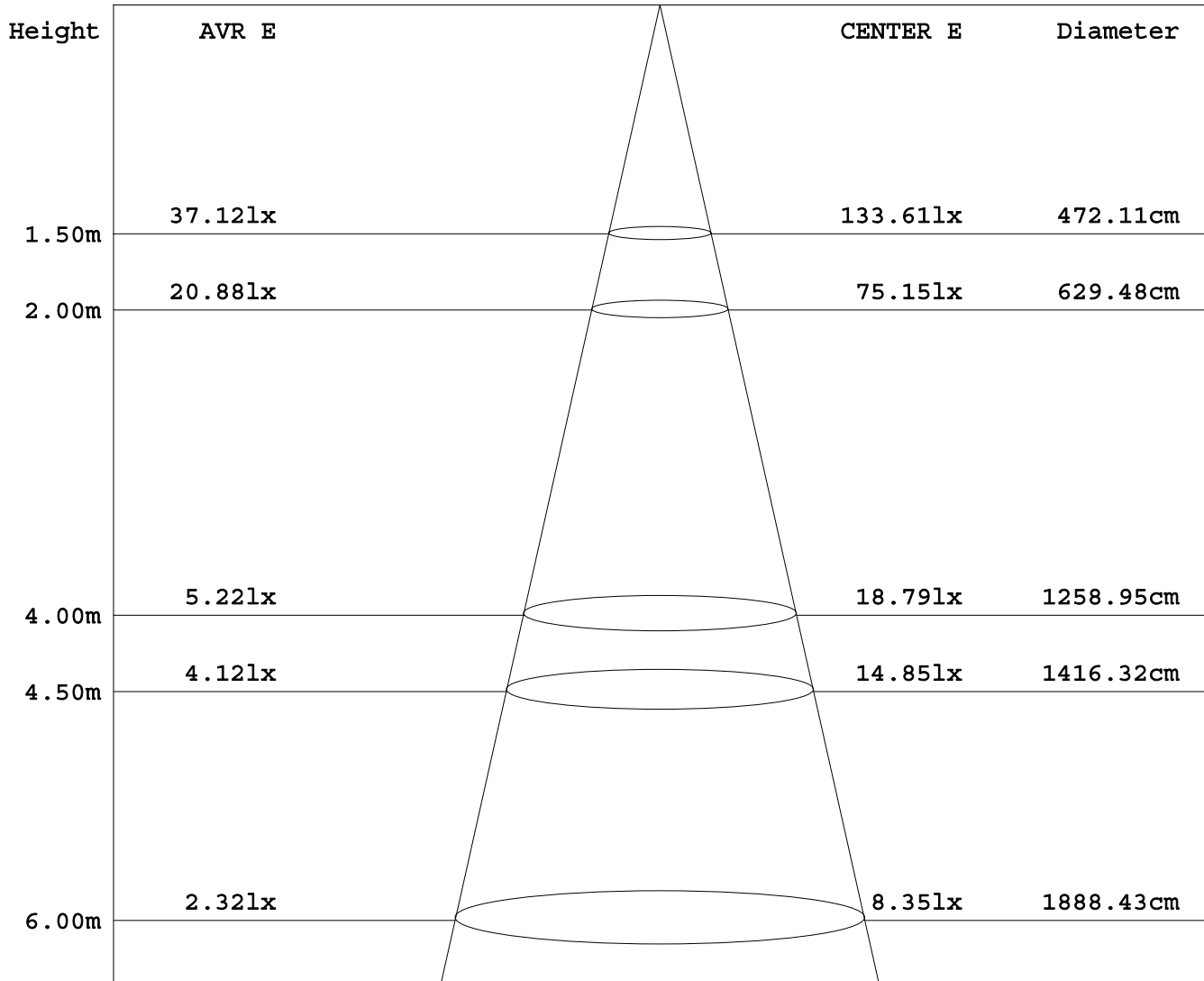
Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

TEST REPORT

AVERAGE E Figure

Report number:

MANUFACTURER:	Address:	
NAME: CL-081403-WW	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:1-3



Angle:115.1deg

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2013-11-29

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: CL-081403-WW	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:1-3

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	300.8	298.9	297.8	296.9	297.7	297.2	298.3	299.2	0- 5	7.150	7.150
10.0	298.4	295.9	295.1	292.1	292.4	292.7	296.1	296.7	5- 10	21.19	28.34
15.0	293.5	291.1	287.0	285.5	284.5	286.4	288.4	292.2	10- 15	34.54	62.89
20.0	286.5	281.9	279.0	274.7	274.4	275.6	280.8	283.3	15- 20	46.69	109.5
25.0	276.2	272.0	266.4	262.9	261.8	263.8	268.8	274.0	20- 25	57.31	166.9
30.0	264.4	258.8	253.8	248.7	247.4	249.7	256.8	261.5	25- 30	65.99	232.9
35.0	249.7	243.1	236.7	232.5	230.6	233.6	240.3	246.2	30- 35	72.53	305.4
40.0	233.6	226.2	219.6	215.7	212.3	216.6	223.8	230.1	35- 40	76.60	382.0
45.0	214.7	206.8	199.4	195.0	192.2	196.0	204.1	211.4	40- 45	78.21	460.2
50.0	195.4	186.7	179.2	174.6	171.2	175.6	184.3	192.2	45- 50	77.26	537.5
55.0	173.5	163.9	157.0	153.0	148.8	153.8	162.4	169.6	50- 55	73.96	611.4
60.0	151.6	141.2	134.8	132.2	126.8	132.9	140.6	147.2	55- 60	68.46	679.9
65.0	128.8	119.4	113.6	110.4	105.7	110.9	119.2	125.0	60- 65	61.33	741.2
70.0	107.5	98.46	92.46	90.84	85.84	91.18	97.90	103.7	65- 70	53.18	794.4
75.0	87.22	78.63	75.53	73.60	68.69	74.14	80.36	83.37	70- 75	44.74	839.2
80.0	70.36	62.24	58.60	58.27	53.11	58.66	62.81	66.45	75- 80	36.59	875.8
85.0	54.58	45.55	43.63	43.86	38.26	43.60	47.53	50.22	80- 85	28.66	904.4
90.0	26.75	27.53	28.66	30.23	3.822	28.56	32.24	34.10	85- 90	20.08	924.5
95.0	0	16.24	20.55	16.84	0	17.92	22.71	17.94	90- 95	11.57	936.1
100.0	0	4.917	12.44	3.487	0	7.097	13.18	1.885	95-100	5.050	941.2
105.0	0	0	4.336	0	0	0	3.650	0	100-105	1.162	942.3
110.0	0	0	0	0	0	0	0	0	105-110	0.029	942.3
115.0	0	0	0	0	0	0	0	0	110-115	0	942.3
120.0	0	0	0	0	0	0	0	0	115-120	0	942.3
125.0	0	0	0	0	0	0	0	0	120-125	0	942.3
130.0	0	0	0	0	0	0	0	0	125-130	0	942.3
135.0	0	0	0	0	0	0	0	0	130-135	0	942.3
140.0	0	0	0	0	0	0	0	0	135-140	0	942.3
145.0	0	0	0	0	0	0	0	0	140-145	0	942.3
150.0	0	0	0	0	0	0	0	0	145-150	0	942.3
155.0	0	0	0	0	0	0	0	0	150-155	0	942.3
160.0	0	0	0	0	0	0	0	0	155-160	0	942.3
165.0	0	0	0	0	0	0	0	0	160-165	0	942.3
170.0	0	0	0	0	0	0	0	0	165-170	0	942.3
175.0	0	0	0	0	0	0	0	0	170-175	0	942.3
180.0	0	0	0	0	0	0	0	0	175-180	0	942.3
DBG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2013-11-29

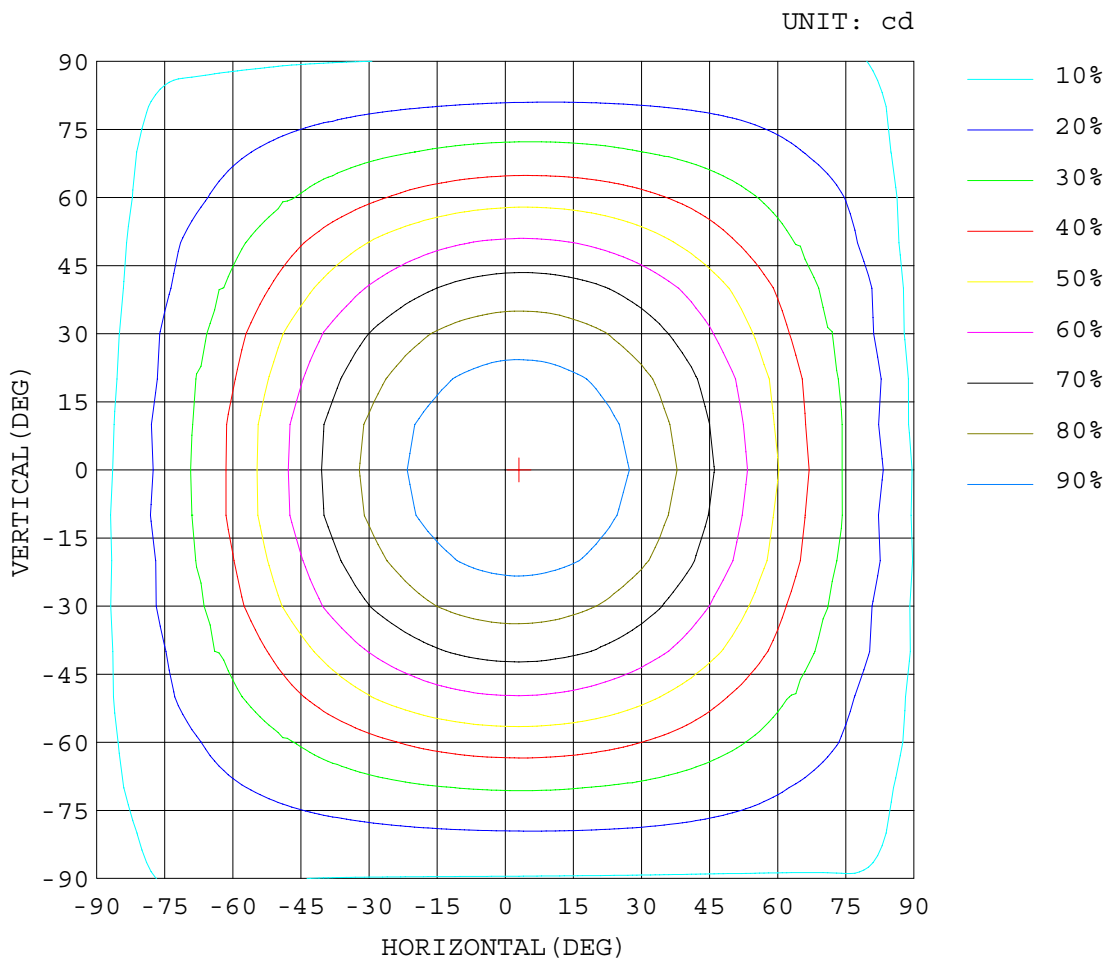
Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: CL-081403-WW	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:1-3



Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2013-11-29

Test Set: 7.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:7.000 m
Remarks:

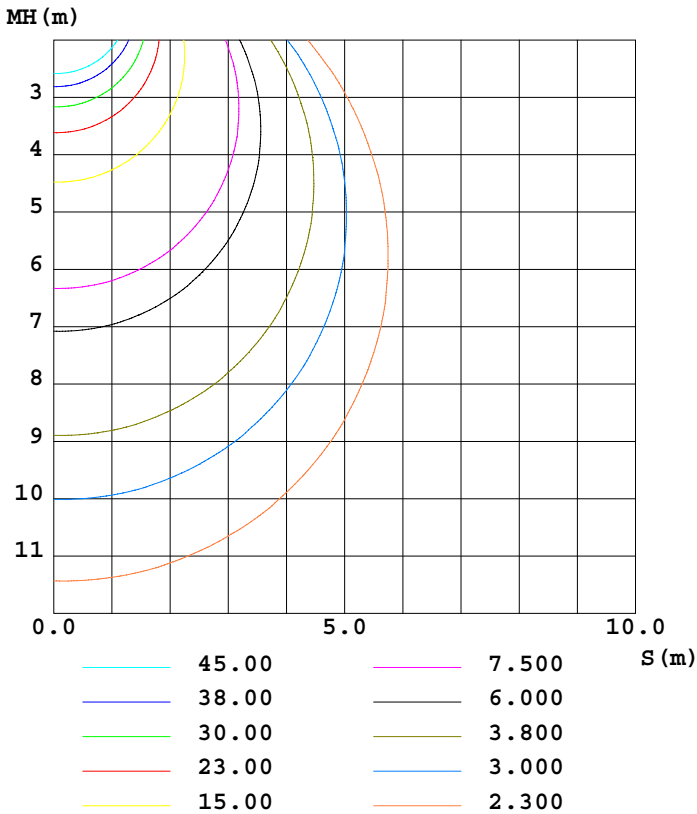
TEST REPORT

ISOLUX DIAGRAM

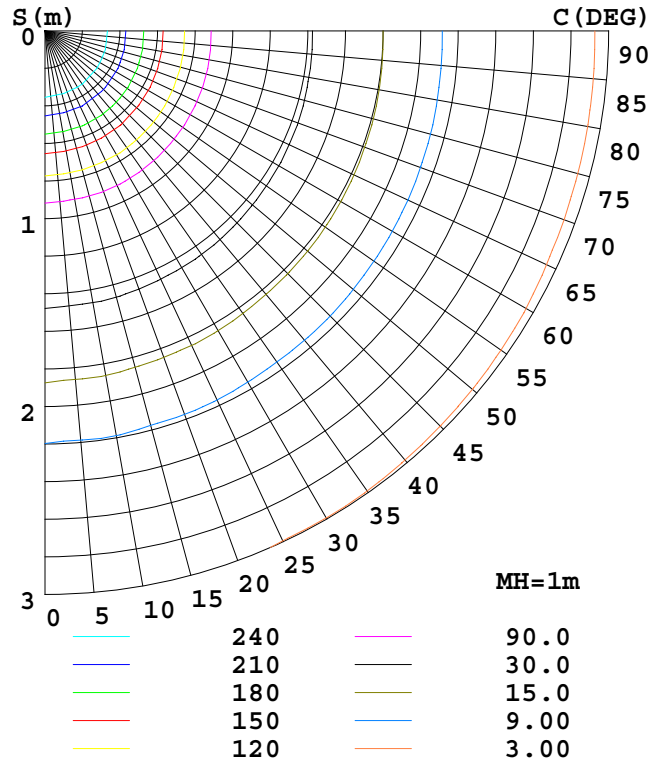
Report number:

MANUFACTURER:	Address:	
NAME: CL-081403-WW	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:1-3

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



PLANAR ISOLUX DIAGRAM (UNIT:lx)



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2013-11-29

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: CL-081403-WW	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:1-3

UNIT: cd

C (DEG) \ γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70
0.0	301	301	301	301	301	301	301	301	301	301	301	301	301	301	301
5.0	301	301	300	300	300	300	299	299	299	299	299	299	299	298	298
10.0	298	298	298	297	297	297	297	296	296	296	296	296	296	296	296
15.0	294	293	292	292	291	291	291	291	292	291	290	290	289	289	288
20.0	287	286	285	284	284	284	284	283	282	282	282	281	281	281	281
25.0	276	275	274	274	274	274	273	272	272	272	272	271	270	269	269
30.0	264	263	262	262	261	261	260	260	260	259	258	257	256	256	256
35.0	250	248	247	248	247	246	247	245	244	243	243	242	241	240	240
40.0	234	232	231	230	230	230	229	228	227	226	225	224	224	223	222
45.0	215	213	213	212	212	211	209	209	208	207	206	206	205	204	203
50.0	195	193	192	192	191	190	189	188	187	187	186	184	183	182	182
55.0	174	172	171	172	169	168	167	167	166	164	163	162	161	161	160
60.0	152	149	149	148	147	146	145	143	142	141	141	140	139	138	138
65.0	129	127	127	125	124	123	122	120	120	119	119	118	117	117	116
70.0	108	105	104	103	103	101	100	99.8	99.1	98.4	97.8	97.1	96.5	95.4	94.6
75.0	87.2	86.6	84.2	83.4	82.0	81.6	81.0	80.2	79.4	78.6	78.0	77.9	77.6	77.1	76.8
80.0	70.3	67.4	66.6	65.4	64.9	63.5	62.8	62.7	62.5	62.2	61.8	61.4	60.9	60.4	60.0
85.0	54.5	51.2	50.3	49.0	49.0	48.8	48.4	47.1	46.2	45.5	45.0	44.7	44.4	44.2	44.0
90.0	26.7	20.5	27.1	28.5	27.9	27.6	27.5	27.4	27.4	27.5	27.6	27.8	27.9	28.0	28.2
95.0	0.00	7.97	12.0	9.80	9.41	15.2	17.1	16.7	16.2	16.2	16.6	17.1	17.6	18.2	18.8
100.0	0.00	0.00	0.00	0.00	0.00	4.75	6.47	5.61	4.85	4.91	5.60	6.47	7.45	8.49	9.49
105.0	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	0.18
110.0	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
115.0	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
120.0	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
125.0	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
130.0	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
135.0	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
140.0	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
145.0	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
150.0	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
155.0	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
160.0	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
165.0	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
170.0	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
175.0	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
180.0	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

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2013-11-29

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: CL-081403-WW	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:1-3

UNIT: cd

C (DEG) \ γ (DEG)	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145
0.0	301	301	301	301	301	301	301	301	301	301	301	301	301	301	301
5.0	298	298	298	298	298	298	298	297	297	297	297	297	297	297	297
10.0	296	296	295	295	295	295	294	294	294	293	293	292	292	292	292
15.0	288	288	287	287	287	286	286	286	286	285	285	285	286	286	285
20.0	280	280	280	279	278	278	277	277	276	276	275	275	275	275	275
25.0	268	268	267	266	266	265	265	265	264	264	264	264	263	262	262
30.0	255	255	254	254	253	253	252	251	251	250	249	249	249	249	248
35.0	239	238	237	237	236	236	235	235	235	235	235	233	233	232	232
40.0	222	221	220	220	219	218	218	217	216	216	215	215	216	215	214
45.0	202	201	200	199	199	198	198	197	197	197	196	195	195	195	196
50.0	181	180	180	179	179	178	178	177	176	176	175	175	175	174	174
55.0	159	158	158	157	157	156	156	155	155	155	155	154	153	153	152
60.0	137	136	136	135	134	134	133	133	133	132	132	132	132	131	131
65.0	115	115	114	114	113	113	112	112	112	111	111	110	110	110	110
70.0	93.9	93.3	92.8	92.4	92.1	92.0	91.9	91.8	91.7	91.6	91.4	91.0	90.8	89.9	90.3
75.0	76.4	76.1	75.8	75.5	75.2	75.0	74.7	74.5	74.2	74.0	73.7	73.7	73.6	73.4	73.1
80.0	59.5	59.2	58.8	58.6	58.4	58.2	58.2	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.1
85.0	43.9	43.8	43.7	43.6	43.5	43.5	43.5	43.5	43.4	43.5	43.6	43.7	43.8	44.0	44.1
90.0	28.3	28.4	28.5	28.6	28.7	28.8	29.0	29.1	29.2	29.4	29.5	29.8	30.2	30.7	31.2
95.0	19.3	19.8	20.4	20.5	20.2	19.8	19.4	19.0	18.5	18.1	17.7	17.2	16.8	16.5	16.0
100.0	10.3	11.2	12.2	12.4	11.6	10.7	9.92	9.02	8.02	7.01	6.01	4.78	3.48	2.43	0.98
105.0	1.40	2.76	4.10	4.33	3.12	1.79	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	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
115.0	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
120.0	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
125.0	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
130.0	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
135.0	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
140.0	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
145.0	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
150.0	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
155.0	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
160.0	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
165.0	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
170.0	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
175.0	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
180.0	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

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2013-11-29

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: CL-081403-WW	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:1-3

UNIT: cd

C (DEG) \ γ (DEG)	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220
0.0	301	301	301	301	301	301	301	301	301	301	301	301	301	301	301
5.0	297	297	297	297	297	298	298	298	297	297	297	297	297	297	297
10.0	292	291	291	292	292	292	292	292	292	292	292	292	292	292	292
15.0	285	284	284	284	284	284	285	284	284	284	284	284	285	286	286
20.0	275	275	274	274	274	274	274	274	274	274	274	275	276	276	275
25.0	262	263	263	262	261	261	262	261	261	262	263	263	263	263	263
30.0	248	248	248	248	247	247	247	247	247	248	249	248	248	249	250
35.0	232	231	231	232	231	230	231	230	231	232	232	232	232	232	233
40.0	213	213	213	213	213	212	212	212	213	213	213	213	214	214	216
45.0	194	193	193	193	194	192	192	192	194	193	193	193	194	196	196
50.0	174	173	172	172	173	172	171	172	172	171	172	173	174	174	174
55.0	152	152	151	150	150	150	149	150	150	150	150	152	151	152	153
60.0	130	130	130	128	128	128	127	128	127	127	129	128	129	130	131
65.0	109	108	108	109	107	107	106	107	106	107	106	107	108	110	110
70.0	90.2	90.2	88.7	88.5	88.3	87.2	85.8	86.4	87.2	86.4	86.7	88.5	88.9	89.5	89.7
75.0	72.4	72.2	71.6	71.4	70.5	69.2	68.6	68.2	69.3	69.1	70.5	70.4	71.0	72.4	73.4
80.0	58.0	57.6	56.8	56.9	56.2	55.3	53.1	53.6	53.4	54.3	54.6	55.9	56.8	57.4	58.1
85.0	44.3	44.5	44.6	44.8	43.0	41.6	38.2	33.7	38.8	42.2	42.4	42.8	43.1	43.0	43.3
90.0	31.4	31.6	31.4	30.9	26.5	17.4	3.82	10.7	19.2	24.1	25.4	25.6	26.3	27.0	27.8
95.0	11.8	7.64	6.79	5.58	2.46	0.00	0.00	4.22	9.64	10.8	10.0	14.2	18.4	18.4	18.0
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.35	10.7	9.20	7.91
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	0.00	0.00
110.0	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
115.0	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
120.0	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
125.0	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
130.0	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
135.0	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
140.0	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
145.0	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
150.0	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
155.0	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
160.0	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
165.0	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
170.0	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
175.0	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
180.0	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

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2013-11-29

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: CL-081403-WW	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:1-3

UNIT: cd

C (DEG) \ γ (DEG)	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295
0.0	301	301	301	301	301	301	301	301	301	301	301	301	301	301	301
5.0	297	297	297	298	298	298	298	298	298	298	298	299	299	299	299
10.0	293	293	293	294	294	295	295	295	296	296	296	296	296	296	297
15.0	286	286	286	286	287	287	287	288	288	288	289	289	289	290	290
20.0	276	276	277	277	278	278	279	280	280	281	281	282	282	282	283
25.0	264	265	265	265	266	266	267	267	268	269	269	270	271	271	272
30.0	250	250	251	252	253	253	254	255	256	257	257	258	258	259	259
35.0	234	235	236	236	237	237	238	239	239	240	241	242	243	244	244
40.0	217	217	217	218	219	220	221	222	223	224	225	225	226	227	227
45.0	196	197	198	199	200	200	201	202	203	204	205	206	207	208	209
50.0	176	176	177	178	179	180	181	182	184	184	185	186	187	187	188
55.0	154	155	157	157	158	159	160	161	162	162	163	164	165	166	167
60.0	133	133	134	135	136	137	138	139	140	141	142	142	143	144	145
65.0	111	111	112	114	115	116	117	118	118	119	120	121	122	122	123
70.0	91.1	92.1	93.1	94.0	94.7	95.4	96.0	96.6	97.2	97.9	98.5	99.2	99.9	101	101
75.0	74.1	74.1	75.4	76.3	77.0	77.7	78.4	79.1	79.7	80.3	80.8	81.3	81.8	82.2	82.5
80.0	58.6	59.1	59.5	60.1	60.5	60.9	61.4	61.8	62.3	62.8	63.2	63.7	64.2	64.7	65.1
85.0	43.6	44.0	44.4	44.9	45.3	45.7	46.2	46.7	47.0	47.5	47.8	48.2	48.5	48.8	49.1
90.0	28.5	29.1	29.5	30.0	30.4	30.8	31.2	31.6	31.8	32.2	32.4	32.6	32.8	33.1	33.3
95.0	17.9	18.0	18.5	19.0	19.6	20.2	20.8	21.4	22.0	22.7	22.7	22.2	21.6	21.2	20.7
100.0	7.09	6.93	7.42	8.03	8.84	9.64	10.4	11.2	12.2	13.1	13.0	11.8	10.5	9.49	8.25
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	1.06	2.43	3.65	3.40	1.59	0.00	0.00
110.0	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
115.0	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
120.0	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
125.0	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
130.0	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
135.0	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
140.0	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
145.0	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
150.0	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
155.0	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
160.0	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
165.0	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
170.0	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
175.0	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
180.0	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

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2013-11-29

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: CL-081403-WW	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:1-3

UNIT: cd

C (DEG) \ γ (DEG)	300	305	310	315	320	325	330	335	340	345	350	355
0.0	301	301	301	301	301	301	301	301	301	301	301	301
5.0	299	299	299	299	299	300	300	300	300	300	300	301
10.0	297	297	297	297	297	297	297	297	297	298	298	298
15.0	291	291	292	292	293	292	292	292	292	292	292	293
20.0	283	283	283	283	284	284	285	285	285	285	285	286
25.0	273	273	274	274	274	274	275	275	275	275	275	275
30.0	259	260	261	262	263	262	262	262	263	263	263	263
35.0	245	246	246	246	247	248	249	248	248	249	248	248
40.0	228	229	229	230	231	231	232	233	232	232	232	232
45.0	210	211	211	211	212	212	213	214	214	214	214	214
50.0	189	190	191	192	192	192	193	193	194	194	193	194
55.0	168	168	169	170	171	172	172	172	172	174	172	172
60.0	145	146	147	147	148	149	150	150	150	150	151	150
65.0	124	124	125	125	125	125	126	128	127	127	129	127
70.0	102	103	103	104	104	104	104	104	106	106	106	106
75.0	82.7	82.8	83.0	83.3	83.8	84.3	84.7	84.9	85.9	85.8	87.9	87.4
80.0	65.5	65.9	66.2	66.4	66.4	66.4	66.1	66.5	67.5	67.5	68.1	68.3
85.0	49.3	49.6	49.9	50.2	50.6	50.9	51.3	51.3	51.1	50.8	51.7	50.7
90.0	33.5	33.7	33.9	34.1	34.4	34.6	34.5	34.4	34.2	33.5	29.5	20.4
95.0	20.1	19.4	18.7	17.9	17.3	16.7	14.9	10.2	9.23	10.7	8.18	0.00
100.0	6.87	5.31	3.64	1.88	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2013-11-29

Test Set: 7.0deg/s B-Beta (TYPE B)
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