

TEST REPORT

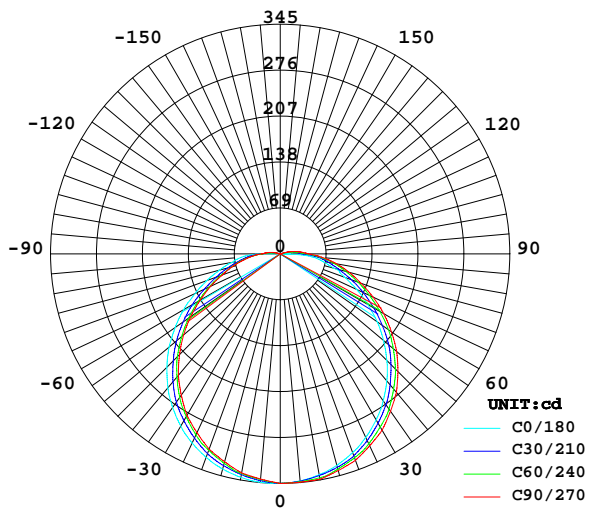
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

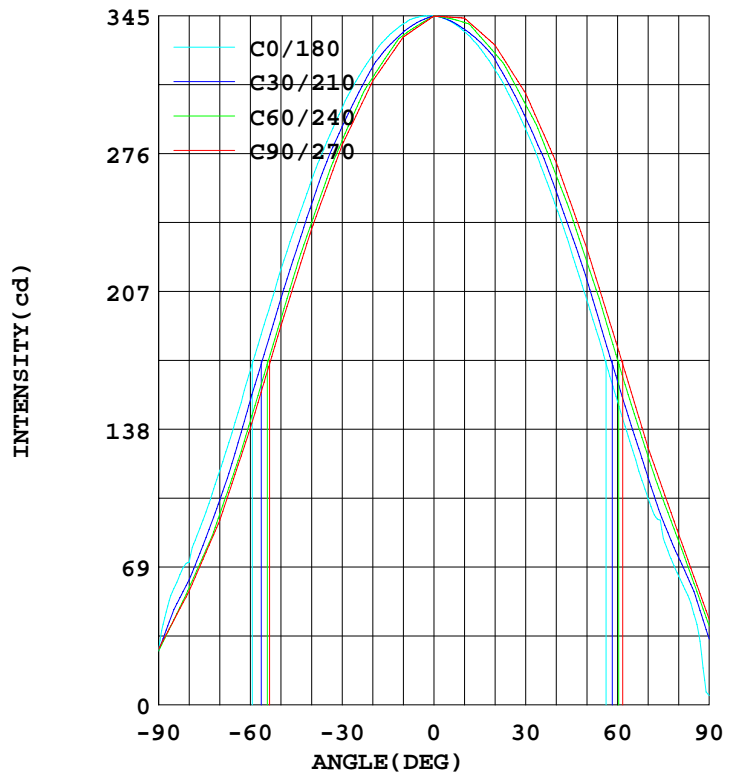
MANUFACTURER:	Address:	
NAME: CL-081403-CW	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:3-3

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		I _{max} (cd)	344.8	S/MH(C0/180)	1.29
NOMINAL POWER(W)	20	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.21
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1083.9	Voltage(V)	219.1
NOMINAL FLUX(lm)	1083.9	EFFICIENCY(lm/W)	53.7	Current(A)	0.096
LAMPS QUANTITY	1	η up(%)	2.0	Power(W)	20.17
TEST VOLTAGE(V)	219.2	η down(%)	98.0	Power Factor(PF)	0.958

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

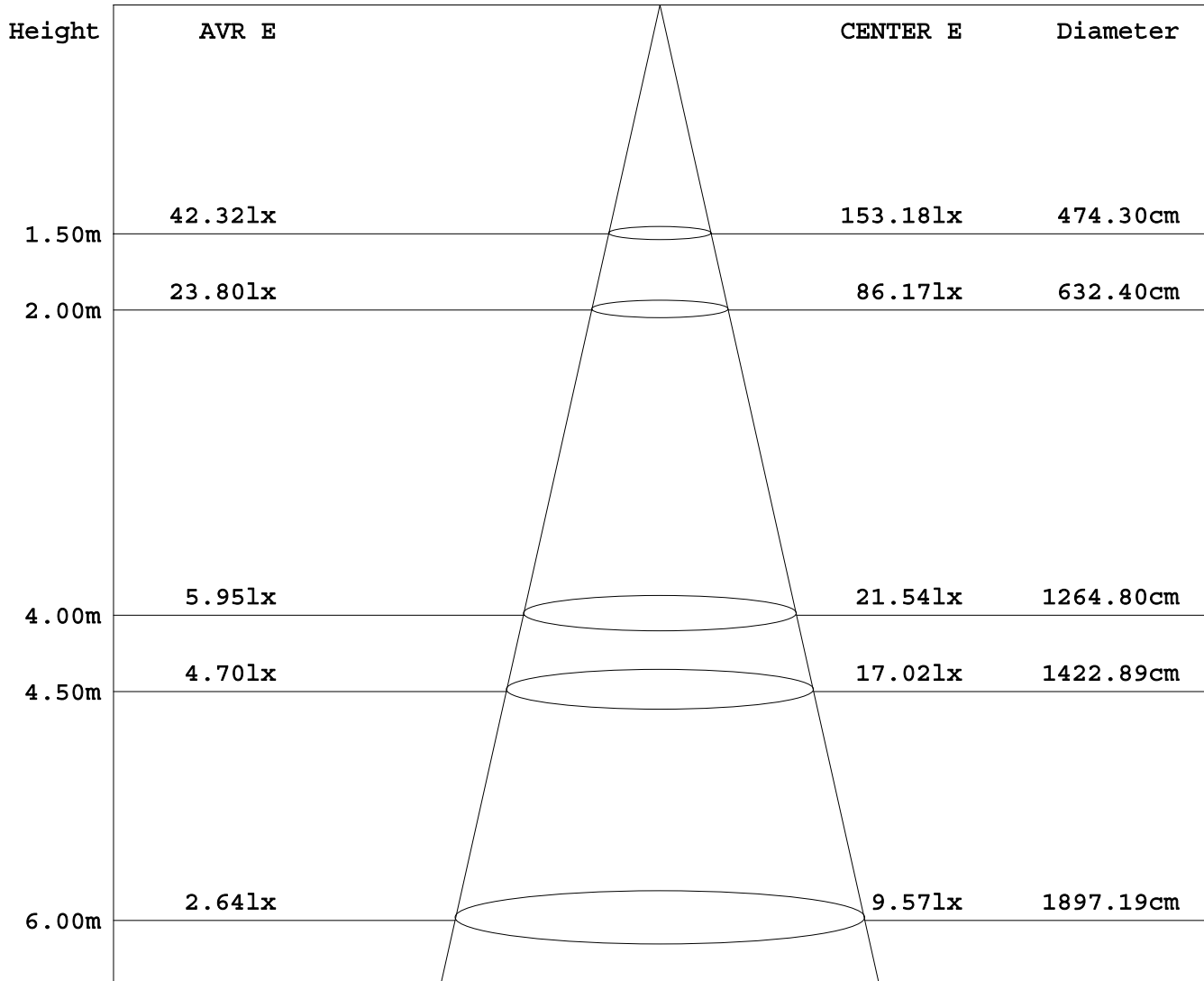
Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

TEST REPORT

AVERAGE E Figure

Report number:

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



Angle:115.4deg

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-CW	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:3-3

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	344.2	340.9	339.4	339.6	342.3	342.9	344.1	344.1	0- 5	8.200	8.200
10.0	340.6	335.6	334.1	333.2	336.8	339.4	343.6	342.3	5- 10	24.31	32.51
15.0	334.4	327.8	323.1	324.6	328.6	334.1	336.8	337.9	10- 15	39.61	72.13
20.0	325.2	315.8	312.1	311.7	317.6	323.8	330.0	328.9	15- 20	53.56	125.6
25.0	313.3	302.6	296.1	297.4	304.0	311.9	317.9	319.0	20- 25	65.74	191.4
30.0	298.5	285.7	280.1	280.5	288.0	297.4	305.9	305.1	25- 30	75.72	267.1
35.0	281.7	266.5	259.0	261.2	269.5	280.3	288.6	288.7	30- 35	83.21	350.3
40.0	262.6	245.6	238.0	241.2	248.9	262.1	271.4	270.3	35- 40	87.90	438.2
45.0	240.6	222.0	213.8	217.4	226.3	239.7	249.8	249.3	40- 45	89.76	528.0
50.0	218.0	198.3	189.6	193.8	202.5	217.5	228.2	228.0	45- 50	88.70	616.7
55.0	192.7	171.9	164.0	168.6	177.9	192.7	203.7	202.5	50- 55	84.93	701.6
60.0	167.4	145.7	138.4	144.6	151.9	168.8	179.2	176.7	55- 60	78.67	780.3
65.0	141.2	121.2	115.3	120.1	127.2	143.0	154.0	151.2	60- 65	70.54	850.9
70.0	117.2	98.48	92.26	98.35	103.4	119.2	128.7	126.1	65- 70	61.20	912.1
75.0	94.37	77.58	74.60	78.84	83.20	97.68	107.1	101.9	70- 75	51.57	963.6
80.0	71.44	60.71	56.93	62.30	64.48	78.44	85.45	81.96	75- 80	42.21	1006
85.0	58.26	44.08	42.43	46.72	45.37	58.34	64.14	61.76	80- 85	33.07	1039
90.0	27.48	26.80	27.93	31.60	4.606	36.40	42.82	40.13	85- 90	22.90	1062
95.0	0	16.60	20.55	18.30	0	24.77	31.85	22.99	90- 95	13.32	1075
100.0	0	6.335	13.18	4.980	0	12.89	20.87	5.915	95-100	6.421	1082
105.0	0	0	5.806	0	0	0.377	9.898	0	100-105	2.133	1084
110.0	0	0	0	0	0	0	0	0	105-110	0.214	1084
115.0	0	0	0	0	0	0	0	0	110-115	0	1084
120.0	0	0	0	0	0	0	0	0	115-120	0	1084
125.0	0	0	0	0	0	0	0	0	120-125	0	1084
130.0	0	0	0	0	0	0	0	0	125-130	0	1084
135.0	0	0	0	0	0	0	0	0	130-135	0	1084
140.0	0	0	0	0	0	0	0	0	135-140	0	1084
145.0	0	0	0	0	0	0	0	0	140-145	0	1084
150.0	0	0	0	0	0	0	0	0	145-150	0	1084
155.0	0	0	0	0	0	0	0	0	150-155	0	1084
160.0	0	0	0	0	0	0	0	0	155-160	0	1084
165.0	0	0	0	0	0	0	0	0	160-165	0	1084
170.0	0	0	0	0	0	0	0	0	165-170	0	1084
175.0	0	0	0	0	0	0	0	0	170-175	0	1084
180.0	0	0	0	0	0	0	0	0	175-180	0	1084
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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

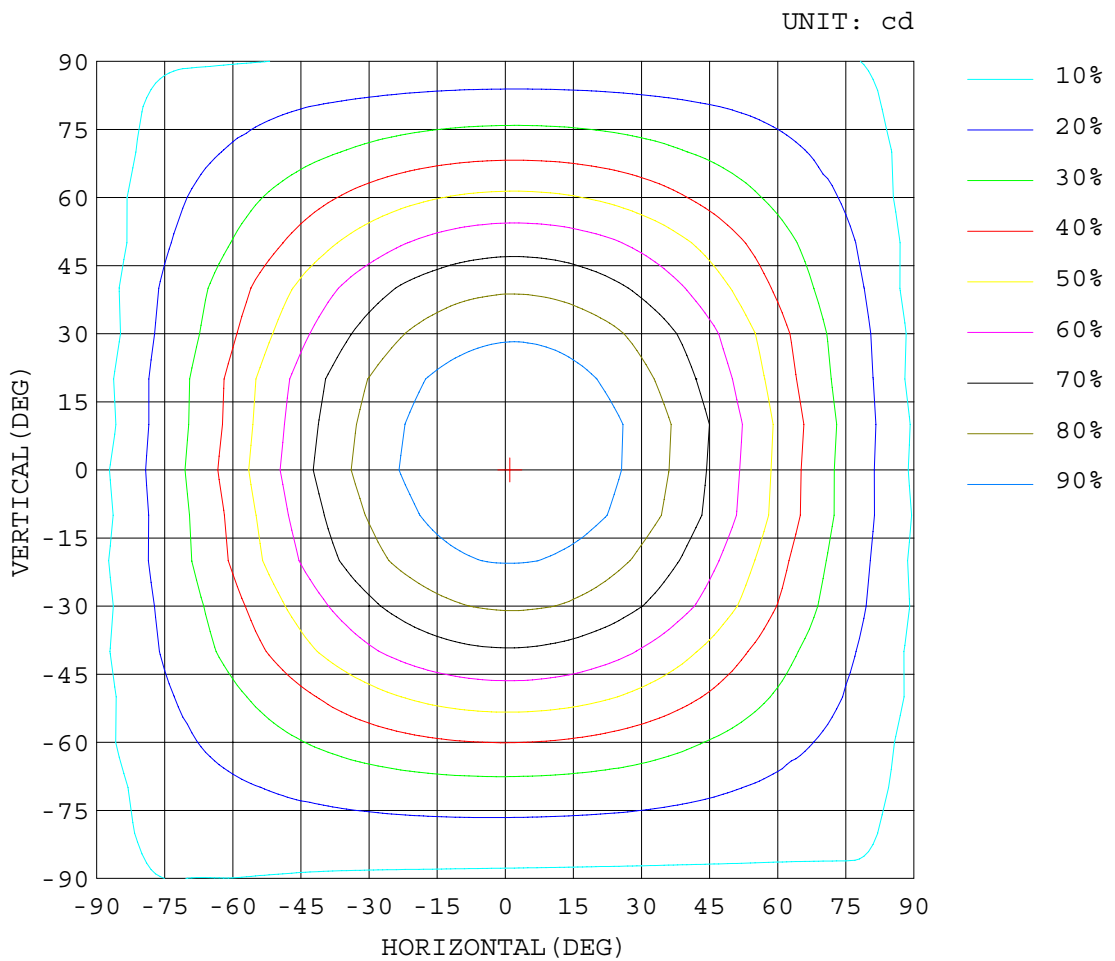
Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

TEST REPORT

ISOCANDELA DIAGRAM

Report number:

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



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:

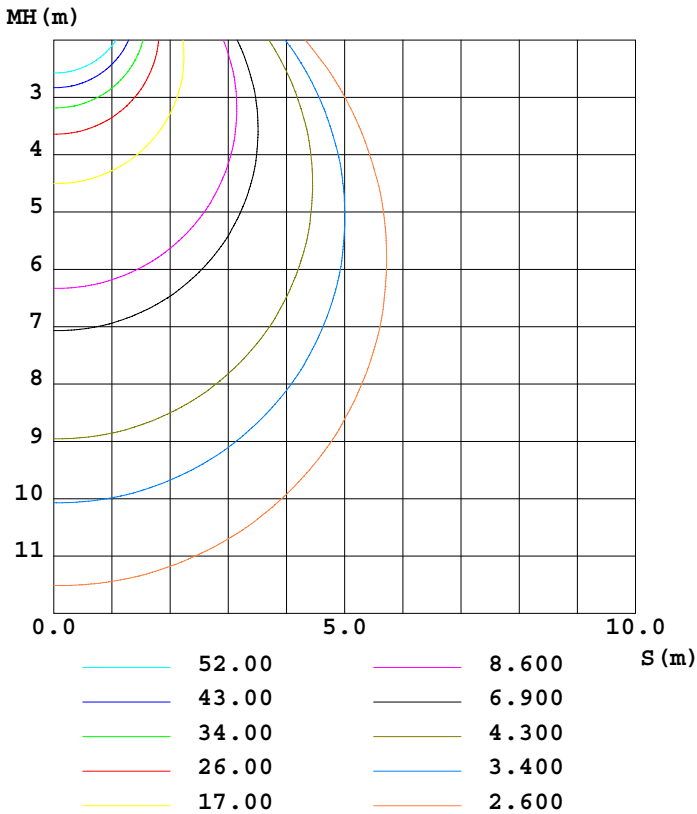
TEST REPORT

ISOLUX DIAGRAM

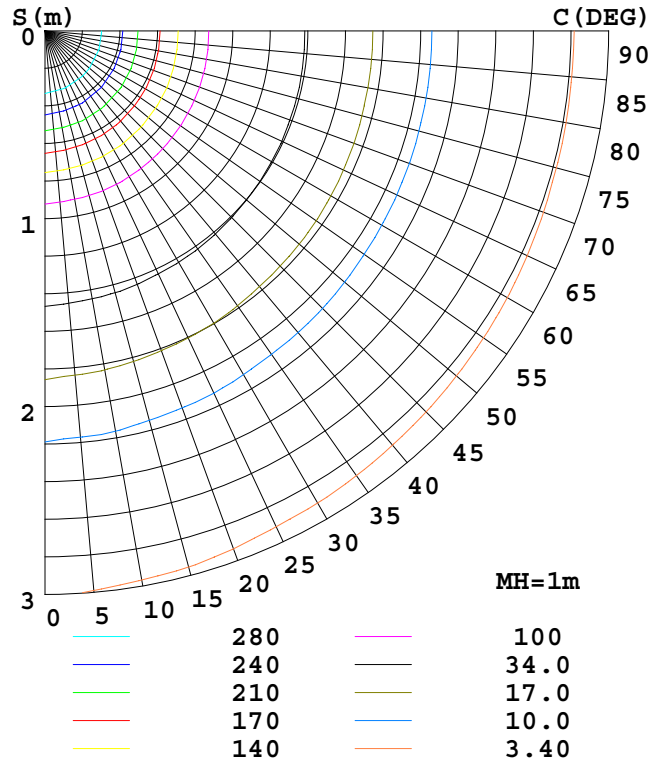
Report number:

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

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-CW	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:3-3

UNIT: cd

C (DEG) \ γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70
0.0	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345
5.0	344	344	343	343	343	342	342	342	341	341	341	340	340	340	340
10.0	341	340	339	338	338	337	337	336	336	336	335	335	335	335	335
15.0	334	333	332	331	330	330	329	329	329	328	327	326	326	325	324
20.0	325	323	322	321	320	320	319	318	317	316	315	314	314	314	313
25.0	313	311	309	309	308	307	305	304	303	303	302	301	300	299	298
30.0	299	296	294	293	292	290	289	288	288	286	284	283	282	282	281
35.0	282	279	277	276	274	272	272	270	268	267	266	265	263	262	261
40.0	263	259	257	255	254	253	250	248	247	246	244	243	241	240	240
45.0	241	237	236	233	232	230	227	226	224	222	221	220	219	217	216
50.0	218	214	212	210	208	205	203	201	200	198	196	195	193	192	191
55.0	193	189	187	186	182	180	178	176	174	172	170	169	168	167	166
60.0	167	163	161	159	156	154	152	150	147	146	145	143	142	141	140
65.0	141	137	136	133	131	129	126	124	123	121	120	118	118	117	116
70.0	117	113	111	109	107	104	103	101	99.6	98.4	97.4	96.4	95.4	94.3	93.5
75.0	94.3	91.8	89.1	86.9	85.5	83.2	81.7	80.3	78.9	77.5	76.6	76.2	75.8	75.4	74.9
80.0	71.4	70.8	69.2	67.5	66.2	63.8	62.6	62.1	61.4	60.7	60.0	59.3	58.6	58.1	57.6
85.0	58.2	53.4	51.8	50.1	49.4	48.6	47.7	46.1	45.0	44.0	43.4	42.9	42.6	42.4	42.2
90.0	27.4	21.6	27.9	28.9	28.0	27.4	27.0	26.9	26.8	26.8	26.8	26.8	26.9	27.0	27.0
95.0	0.00	1.93	10.1	10.0	10.1	16.7	18.1	17.5	16.8	16.6	16.8	17.2	17.6	18.0	18.5
100.0	0.00	0.00	0.00	0.00	0.00	7.94	8.83	7.73	6.64	6.33	6.95	7.61	8.34	9.13	9.99
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	0.25	1.53
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-CW	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:3-3

UNIT: cd

C (DEG) \ γ (DEG)	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145
0.0	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345
5.0	340	340	339	339	339	339	339	339	339	339	339	340	340	340	340
10.0	335	334	334	334	334	334	334	334	334	334	334	333	333	333	333
15.0	324	324	323	323	323	323	323	323	323	323	324	324	325	325	325
20.0	313	313	312	312	312	312	311	311	311	311	311	311	312	312	313
25.0	297	297	296	296	296	296	296	296	296	297	297	298	297	298	298
30.0	281	280	280	280	280	279	279	279	279	279	279	280	281	282	282
35.0	260	260	259	259	259	259	259	259	260	260	261	261	261	262	263
40.0	239	239	238	238	238	238	238	238	238	238	239	240	241	241	242
45.0	215	215	214	214	214	214	214	214	215	216	216	217	217	219	220
50.0	191	190	190	190	190	190	190	190	191	191	192	193	194	194	196
55.0	165	165	164	164	164	164	165	165	166	167	168	168	169	170	171
60.0	139	139	139	138	138	139	139	140	140	141	142	143	145	145	146
65.0	116	116	115	115	115	116	116	116	117	117	118	119	120	121	123
70.0	92.8	92.4	92.1	92.2	92.5	92.9	93.6	94.3	95.1	96.0	96.9	97.5	98.3	98.7	99.9
75.0	74.6	74.5	74.4	74.6	74.7	75.0	75.4	75.9	76.4	76.8	77.4	77.9	78.8	80.1	80.8
80.0	57.2	56.9	56.8	56.9	57.1	57.4	57.9	58.5	59.2	59.9	60.6	61.4	62.3	63.2	64.0
85.0	42.2	42.1	42.2	42.4	42.6	42.8	43.2	43.6	44.0	44.5	45.1	45.8	46.7	47.6	48.6
90.0	27.2	27.4	27.6	27.9	28.1	28.3	28.6	29.0	29.3	29.7	30.2	30.8	31.6	32.5	33.4
95.0	19.1	19.6	20.2	20.5	20.2	19.7	19.4	19.1	18.8	18.6	18.5	18.3	18.3	18.6	18.6
100.0	10.9	11.8	12.8	13.1	12.3	11.1	10.1	9.23	8.42	7.61	6.84	5.89	4.98	4.63	3.92
105.0	2.81	4.13	5.49	5.80	4.41	2.60	1.02	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-CW	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:3-3

UNIT: cd

C (DEG) \ γ (DEG)	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220
0.0	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345
5.0	340	340	341	341	341	342	342	342	342	342	342	342	343	343	343
10.0	334	334	334	335	335	336	337	337	337	337	337	338	338	338	339
15.0	325	325	326	326	327	328	329	329	329	329	330	331	332	333	334
20.0	314	314	314	315	315	316	318	318	318	319	320	321	323	323	323
25.0	299	300	301	301	301	302	304	304	305	306	308	309	309	310	311
30.0	282	283	285	285	285	286	288	288	289	291	293	293	294	295	297
35.0	264	264	265	267	267	268	270	270	272	274	274	275	277	278	279
40.0	243	244	244	246	247	247	249	250	252	253	254	255	257	258	260
45.0	220	221	222	223	225	225	226	228	230	230	232	233	235	238	239
50.0	197	198	198	199	201	201	203	204	206	206	208	210	213	214	215
55.0	172	173	174	175	176	177	178	179	180	182	183	186	187	189	191
60.0	147	148	150	149	150	152	152	154	154	156	159	160	162	164	167
65.0	123	124	125	126	126	127	127	129	129	132	133	135	137	140	141
70.0	101	102	102	103	103	104	103	105	106	108	109	112	114	115	117
75.0	81.3	82.1	83.1	85.2	83.5	83.1	83.2	83.6	85.2	87.4	88.9	92.0	91.7	94.0	96.0
80.0	64.7	65.3	65.5	66.2	66.4	66.2	64.4	65.8	66.9	68.0	69.8	72.2	73.7	75.3	77.0
85.0	49.5	50.5	51.3	52.1	50.7	48.8	45.3	41.8	48.7	53.2	54.2	55.5	56.8	57.1	57.6
90.0	34.2	34.3	34.3	34.6	30.5	19.8	4.60	13.4	23.7	29.9	31.7	32.0	32.9	33.8	35.1
95.0	16.3	10.9	8.71	5.26	4.98	1.86	0.00	4.65	7.33	8.26	11.1	19.8	25.1	25.0	24.8
100.0	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.2	17.5	15.7	14.0
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.39	8.34	5.20	2.31
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	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-CW	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:3-3

UNIT: cd

C (DEG) \ γ (DEG)	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295
0.0	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345
5.0	343	343	343	344	344	344	344	344	344	344	344	344	344	344	344
10.0	339	340	341	341	342	343	343	343	343	344	344	344	344	343	343
15.0	334	334	334	335	335	336	336	336	337	337	337	337	337	338	338
20.0	324	324	325	326	327	328	328	329	330	330	330	330	331	331	330
25.0	312	313	314	315	315	316	316	317	318	318	318	318	319	319	319
30.0	297	298	299	300	302	303	304	304	305	306	306	306	306	306	306
35.0	280	282	284	285	285	286	287	287	288	289	289	289	290	290	290
40.0	262	263	264	265	266	267	269	270	270	271	272	272	272	272	272
45.0	240	241	243	245	245	246	248	248	249	250	250	251	251	251	251
50.0	218	219	220	222	223	224	226	227	228	228	229	229	229	229	228
55.0	193	195	197	198	199	200	201	202	203	204	204	204	205	205	205
60.0	169	170	171	173	174	175	177	178	178	179	180	180	180	180	180
65.0	143	145	146	148	150	151	152	153	153	154	154	155	155	155	154
70.0	119	121	123	124	125	127	127	128	128	129	129	129	129	129	129
75.0	97.6	99.3	101	102	104	105	106	106	107	107	107	107	107	107	106
80.0	78.4	79.7	80.9	81.9	82.8	83.6	84.3	84.8	85.1	85.4	85.6	85.7	85.6	85.4	85.0
85.0	58.3	59.0	59.9	60.8	61.7	62.4	63.1	63.6	63.9	64.1	64.2	64.2	64.1	63.9	63.5
90.0	36.4	37.2	38.4	39.4	40.5	41.3	41.9	42.4	42.6	42.8	42.8	42.7	42.6	42.4	41.9
95.0	24.7	24.8	25.5	26.4	27.5	28.5	29.4	30.4	31.4	31.8	31.6	30.8	29.8	28.9	27.8
100.0	12.8	12.2	12.5	13.5	14.5	15.7	16.9	18.5	20.1	20.8	20.5	19.0	17.1	15.5	13.8
105.0	0.38	0.00	0.00	0.49	1.65	3.06	4.56	6.62	8.95	9.89	9.35	7.22	4.52	2.23	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-CW	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:3-3

UNIT: cd

C (DEG) \ γ (DEG)	300	305	310	315	320	325	330	335	340	345	350	355
0.0	345	345	345	345	345	345	345	345	345	345	345	345
5.0	344	344	344	344	344	344	344	344	344	344	344	344
10.0	343	343	343	342	342	342	341	341	341	341	341	341
15.0	338	338	338	338	338	337	336	336	335	335	334	334
20.0	330	330	329	329	329	329	329	328	327	326	325	325
25.0	319	320	320	319	318	317	317	317	316	315	314	313
30.0	305	305	305	305	305	304	303	302	302	301	299	299
35.0	290	290	289	289	288	288	288	286	285	285	283	282
40.0	271	271	271	270	270	269	268	268	266	265	264	262
45.0	252	252	250	249	249	248	247	247	246	244	243	241
50.0	228	228	228	228	226	225	224	223	223	221	219	218
55.0	204	204	203	203	202	202	200	198	197	197	195	193
60.0	179	178	178	177	176	175	175	173	172	171	170	167
65.0	154	153	152	151	150	149	148	148	146	144	144	141
70.0	128	128	127	126	125	124	123	121	121	120	118	117
75.0	105	104	103	102	101	101	99.7	98.5	96.8	97.0	95.3	95.2
80.0	84.5	83.8	82.9	81.9	80.7	79.7	77.9	77.2	76.8	76.0	75.2	74.5
85.0	63.1	62.7	62.2	61.7	61.4	60.9	60.7	59.6	58.4	57.0	57.2	55.6
90.0	41.5	41.0	40.5	40.1	39.9	39.6	39.1	38.4	37.5	36.3	31.5	21.4
95.0	26.7	25.5	24.1	22.9	22.0	20.8	17.9	11.7	9.28	9.02	7.53	0.00
100.0	11.9	10.0	7.98	5.91	4.22	2.11	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)
 Humidity:65.0%
 Test Distance:7.000 m
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