

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

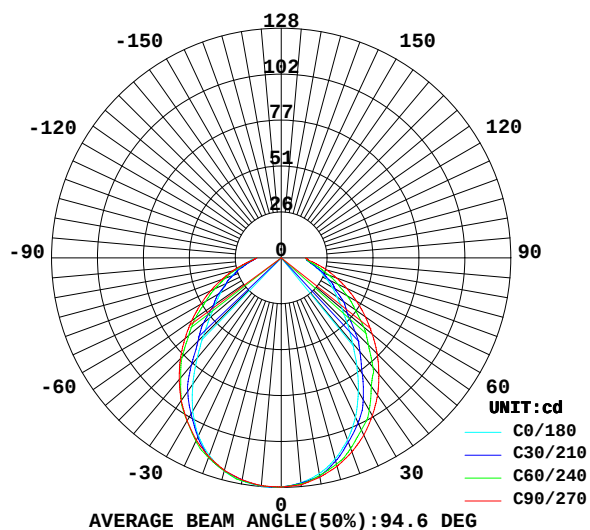
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

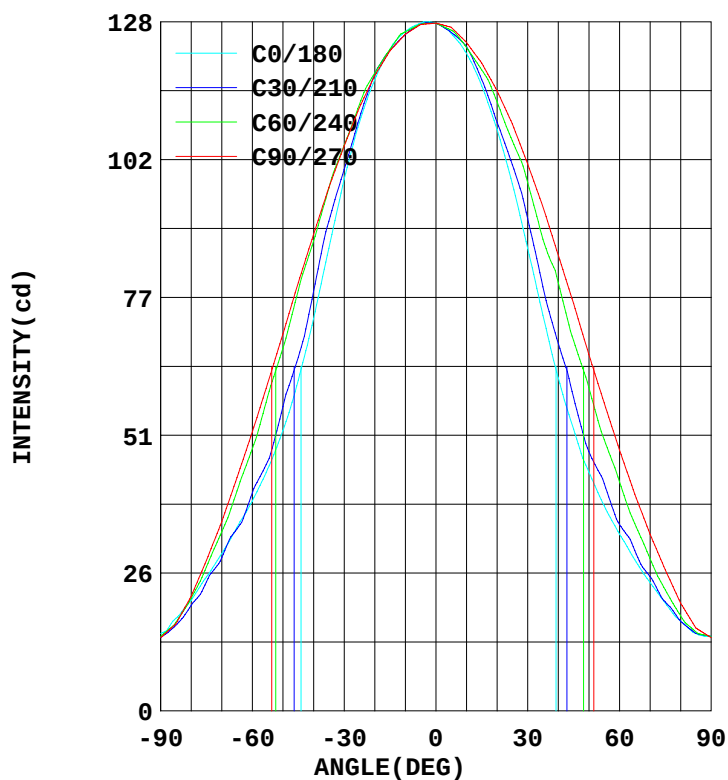
MANUFACTURER:	Address:	
NAME: LBD2760-8	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	128.0	S/MH(C0/180)	1.16
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.23
NOMINAL POWER(W)	8	TOTAL FLUX(lm)	324.13	Voltage(V)	220.1
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	42.1	Current(A)	0.069
NOMINAL FLUX(lm)	324.1	η up(%)	0.0	Power(W)	7.700
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.503
TEST VOLTAGE(V)	220.2	Effective Flux(lm)	324.1	EEI	0.243

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月21日

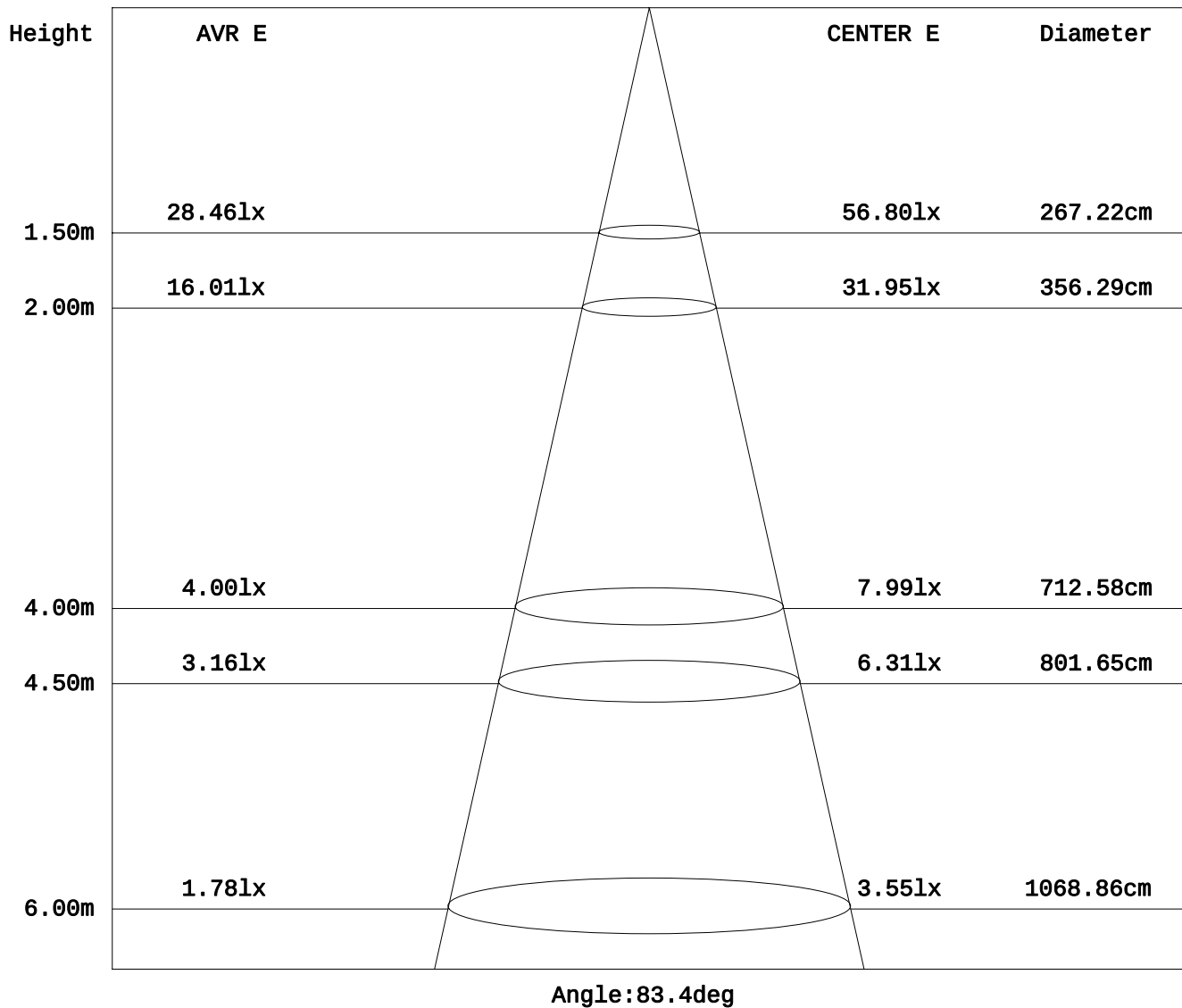
Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:16.020 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: LBD2760-8	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2020年11月21日

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Humidity:65.0%
Test Distance:16.020 m
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HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LBD2760-8	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	127.8	127.5	127.5	126.7	125.8	126.2	127.0	127.1	0- 5	3.044	3.044
10.0	126.2	125.9	125.7	124.0	122.1	123.1	124.2	124.9	5- 10	8.996	12.04
15.0	122.9	123.3	122.6	119.2	116.1	117.8	120.3	121.7	10- 15	14.53	26.57
20.0	117.2	118.0	118.0	114.3	108.0	112.3	115.2	115.7	15- 20	19.39	45.97
25.0	109.3	112.0	112.1	105.3	97.90	103.3	109.0	109.6	20- 25	23.29	69.26
30.0	98.80	103.8	104.9	96.10	85.97	94.28	101.6	101.1	25- 30	26.03	95.30
35.0	85.97	93.71	97.26	86.35	73.52	84.80	93.67	90.93	30- 35	27.45	122.7
40.0	72.88	84.26	88.54	74.44	61.85	73.03	84.69	81.05	35- 40	27.63	150.3
45.0	61.46	71.61	79.55	65.30	52.35	64.27	75.70	68.52	40- 45	26.76	177.1
50.0	52.09	62.74	70.06	53.86	44.39	52.93	66.21	59.77	45- 50	25.22	202.3
55.0	44.91	51.62	60.82	46.79	38.11	46.04	57.23	49.06	50- 55	23.26	225.6
60.0	39.00	44.27	51.84	38.23	32.84	37.67	48.50	42.45	55- 60	21.07	246.7
65.0	34.13	36.50	43.37	32.50	28.10	31.89	40.29	35.04	60- 65	18.72	265.4
70.0	29.25	30.47	35.15	26.59	23.86	25.91	32.84	29.33	65- 70	16.28	281.7
75.0	24.89	25.07	27.97	21.36	20.01	20.91	26.17	24.26	70- 75	13.80	295.5
80.0	20.53	19.93	21.30	17.48	16.68	17.22	20.01	19.48	75- 80	11.39	306.9
85.0	17.19	16.15	16.16	14.66	14.37	14.60	15.39	15.89	80- 85	9.283	316.2
90.0	14.37	13.85	13.60	14.11	13.85	13.98	13.60	13.85	85- 90	7.927	324.1
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月21日

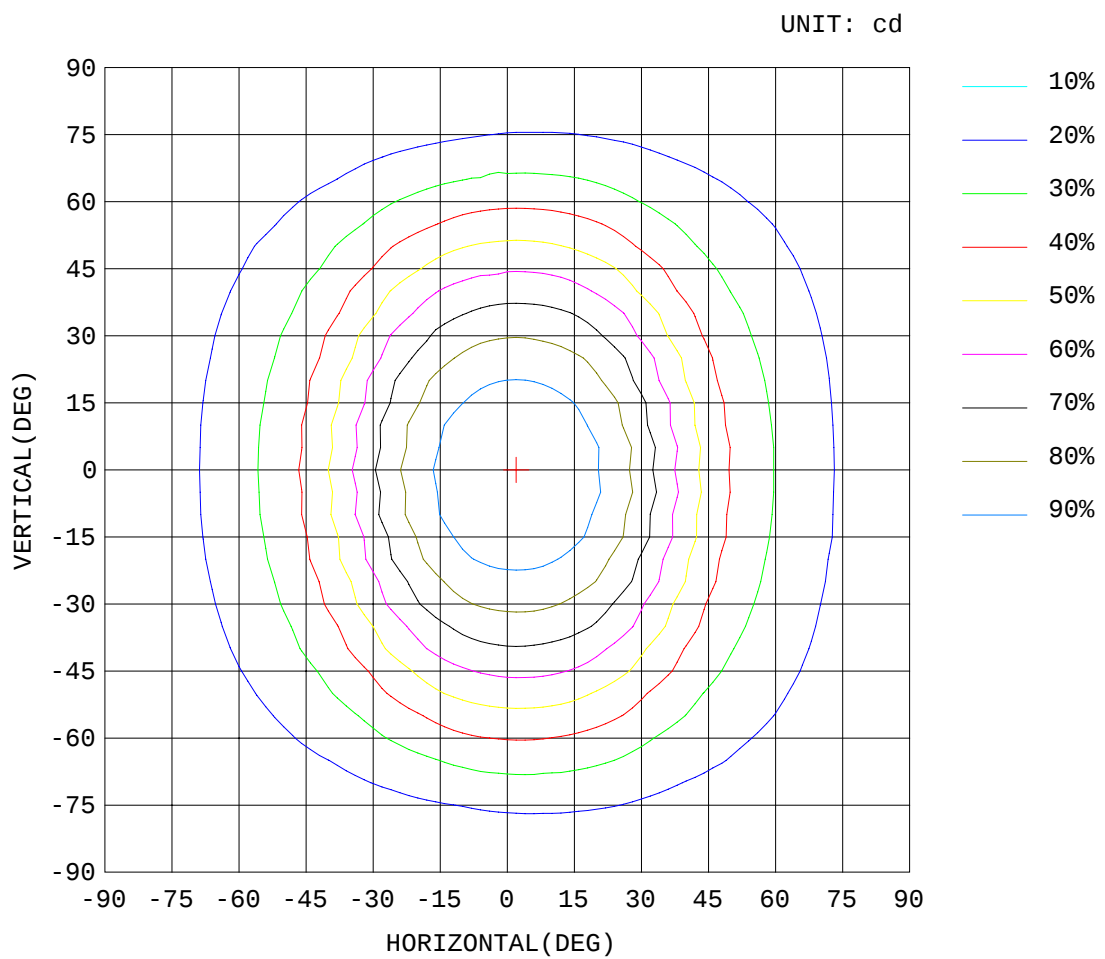
Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:16.020 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LBD2760-8	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



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Temperature:25.3DEG
Operators:
Test Date:2020年11月21日

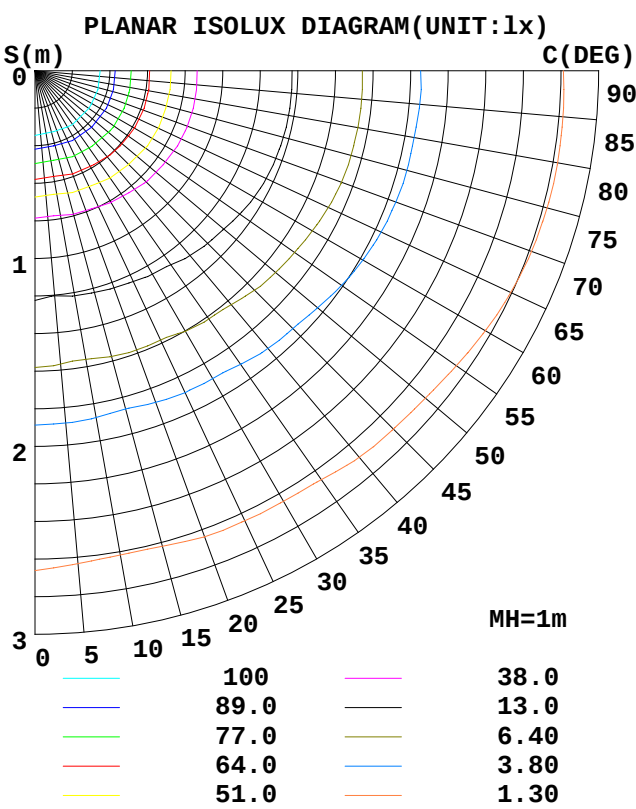
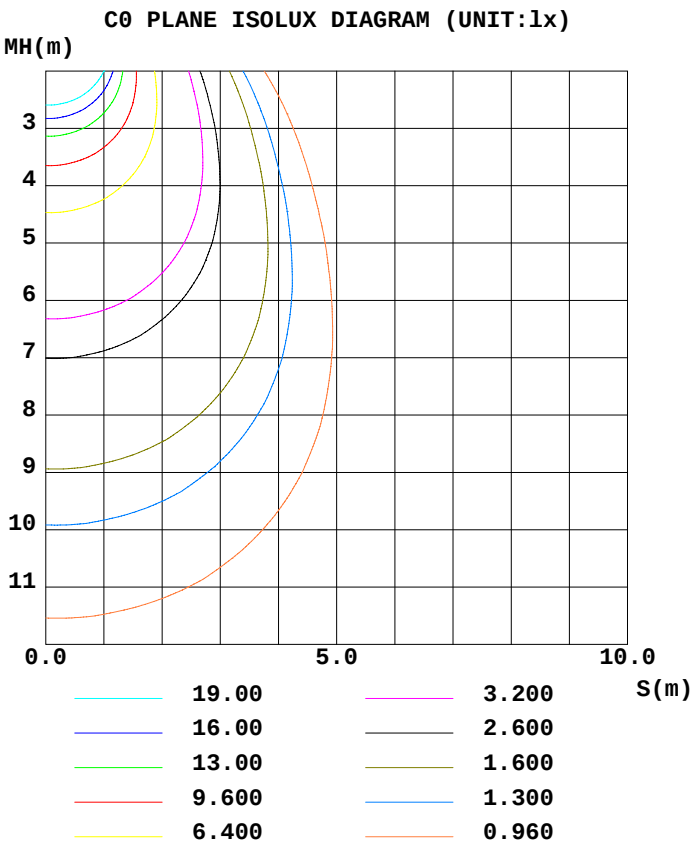
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Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

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MANUFACTURER:	Address:	
NAME: LBD2760-8	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2020年11月21日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:16.020 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: LBD2760-8	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70
0.0	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
5.0	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
10.0	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126
15.0	123	123	122	122	122	122	123	123	124	123	123	123	123	123	123
20.0	117	117	116	116	117	118	118	118	118	118	118	118	119	119	119
25.0	109	108	108	109	110	110	110	110	111	112	113	113	113	113	113
30.0	98.8	97.3	97.0	99.1	100	99.7	101	103	104	104	104	104	105	106	106
35.0	85.9	84.2	85.0	87.6	86.9	88.2	90.9	91.9	92.1	93.7	95.5	96.9	97.1	97.5	97.6
40.0	72.8	70.7	72.8	73.6	73.8	77.4	77.9	78.9	82.1	84.2	85.1	86.0	87.2	88.3	88.9
45.0	61.4	58.8	62.2	60.5	63.7	64.2	65.7	69.3	70.2	71.6	74.4	76.8	78.1	78.8	79.4
50.0	52.0	50.0	51.8	51.8	53.2	53.7	56.5	56.8	59.6	62.7	64.1	65.5	67.4	68.9	69.9
55.0	44.9	43.8	43.5	45.6	44.5	46.5	46.3	49.2	50.4	51.6	54.2	56.7	58.3	59.5	60.2
60.0	39.0	38.6	37.8	37.8	39.5	38.8	40.5	40.2	42.4	44.2	45.4	46.9	48.7	50.3	51.4
65.0	34.1	33.8	33.8	33.5	32.9	33.7	33.8	34.9	35.2	36.5	38.0	39.7	40.8	42.0	42.8
70.0	29.2	28.1	27.7	27.5	28.2	28.8	28.4	29.1	30.1	30.4	31.0	32.1	33.2	34.3	35.1
75.0	24.8	24.0	23.6	23.3	23.8	23.7	23.9	23.7	24.4	25.0	25.6	26.1	26.7	27.4	27.8
80.0	20.5	19.4	19.1	19.1	19.3	19.2	19.6	19.6	19.5	19.9	20.1	20.5	20.9	21.4	21.5
85.0	17.1	15.5	15.7	15.8	15.6	15.7	15.8	15.8	16.0	16.1	16.2	16.3	16.4	16.5	16.4
90.0	14.3	13.6	13.8	13.7	13.8	13.8	13.6	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月21日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:16.020 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:		
NAME: LBD2760-8	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

UNIT: cd

C(DEG) γ (DEG)	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145
0.0	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
5.0	128	128	128	128	127	127	127	127	127	127	127	127	127	127	126
10.0	126	126	126	126	126	125	125	125	125	125	124	124	124	124	124
15.0	123	123	123	123	123	122	122	122	121	121	120	120	119	119	119
20.0	118	118	118	118	118	117	117	116	116	116	115	115	114	113	112
25.0	112	112	112	112	112	112	111	111	110	109	107	106	105	105	105
30.0	106	106	106	105	105	104	103	103	102	101	100	98.3	96.1	93.9	93.0
35.0	97.6	97.7	97.5	97.2	96.9	96.4	95.6	94.3	92.8	91.0	88.8	87.6	86.3	84.7	81.8
40.0	89.1	89.1	88.9	88.5	87.9	87.0	86.2	84.9	83.5	82.1	80.3	77.3	74.4	72.4	71.4
45.0	79.6	79.8	79.7	79.5	79.0	78.3	77.2	75.7	73.4	70.4	68.7	66.9	65.3	62.2	59.0
50.0	70.5	70.6	70.5	70.0	69.2	68.4	67.2	65.7	63.9	62.1	59.9	56.9	53.8	52.6	51.3
55.0	60.9	61.0	61.0	60.8	60.4	59.6	58.3	56.6	54.4	52.0	49.7	48.0	46.7	44.3	42.3
60.0	52.0	52.3	52.2	51.8	51.1	50.2	48.9	47.4	45.7	44.1	42.4	40.3	38.2	37.2	36.9
65.0	43.2	43.1	43.7	43.3	42.9	41.9	40.8	39.2	37.7	36.0	34.2	33.2	32.5	31.5	30.0
70.0	35.5	35.6	35.5	35.1	34.6	33.7	32.7	31.6	30.5	29.4	28.5	27.6	26.5	25.6	25.4
75.0	28.1	28.2	28.2	27.9	27.4	26.5	25.9	25.0	24.0	23.3	22.6	21.7	21.3	21.2	21.1
80.0	21.8	21.7	21.6	21.3	20.7	20.2	19.5	19.2	18.6	18.3	18.1	17.8	17.4	17.3	17.0
85.0	16.6	16.5	16.4	16.1	15.8	15.4	15.2	15.1	14.9	14.9	14.8	14.6	14.6	14.4	14.3
90.0	13.8	13.6	13.7	13.6	13.6	13.6	13.6	13.8	13.8	13.8	13.8	14.1	14.1	14.1	14.1

Test System:HOP00 HPG1900
 Temperature:25.3DEG
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Test Set: 5.0deg/s B-Beta (TYPE B)
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:		
NAME: LBD2760-8	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

UNIT: cd

C(DEG) γ (DEG)	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220
0.0	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
5.0	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126
10.0	124	124	123	123	123	122	122	122	122	123	123	123	123	123	123
15.0	118	118	119	118	117	117	116	116	117	118	118	118	117	117	117
20.0	110	110	110	111	110	109	108	109	109	110	110	109	109	110	111
25.0	103	101	99.9	100	100	98.9	97.9	98.8	100	99.7	99.3	100	101	103	103
30.0	92.5	91.1	88.9	88.0	88.6	87.4	85.9	87.4	88.6	87.6	88.1	90.3	91.4	91.6	92.4
35.0	79.5	79.2	77.8	75.3	75.7	75.4	73.5	75.4	75.6	74.7	77.3	78.6	78.8	80.8	83.4
40.0	68.8	66.2	66.4	64.4	63.3	64.1	61.8	64.1	63.3	64.2	66.2	65.7	68.2	70.8	71.5
45.0	58.6	56.8	54.7	55.4	52.7	54.7	52.3	54.7	52.7	55.4	54.7	56.6	58.2	58.5	61.4
50.0	48.4	48.3	46.9	46.5	45.6	46.5	44.3	46.4	45.4	46.4	46.7	48.0	48.1	51.0	51.9
55.0	42.5	40.2	40.8	38.7	40.0	39.4	38.1	39.4	40.0	38.7	40.6	40.1	42.2	41.8	43.7
60.0	34.9	35.3	33.6	34.6	34.2	33.3	32.8	33.3	34.2	34.6	33.6	35.0	34.6	36.6	36.8
65.0	30.0	29.3	29.6	28.5	28.4	28.4	28.1	28.4	28.4	28.6	29.5	29.3	29.8	29.7	31.0
70.0	25.1	24.3	24.7	25.0	25.1	24.9	23.8	24.9	25.1	25.2	24.7	24.3	24.9	25.1	25.1
75.0	20.4	20.4	20.1	20.5	20.4	20.3	20.0	20.5	20.6	20.8	20.1	20.4	20.2	20.6	20.6
80.0	16.6	16.7	16.7	16.9	17.2	17.3	16.6	17.5	17.4	17.2	16.8	16.8	16.6	16.8	16.9
85.0	14.1	14.1	14.1	14.0	14.2	14.7	14.3	14.8	14.5	14.2	14.5	14.4	14.4	14.4	14.5
90.0	14.1	14.1	14.3	14.2	14.1	13.9	13.8	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8

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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number :

MANUFACTURER:	Address:		
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SPECIFICATION:	DIMENSION:	SERIAL No.:	

UNIT: cd

C(DEG) γ (DEG)	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295
0.0	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
5.0	126	126	126	126	127	127	127	127	127	127	127	127	127	127	127
10.0	123	123	123	123	123	124	124	124	124	124	124	124	124	125	125
15.0	118	118	119	119	119	120	120	120	120	120	120	121	121	121	121
20.0	112	113	113	113	113	114	114	114	115	115	116	116	116	116	116
25.0	103	104	105	106	107	108	108	109	109	109	109	109	109	110	110
30.0	94.2	96.1	97.4	98.1	98.6	99.5	100	101	101	102	102	102	102	102	102
35.0	84.8	85.6	85.6	87.6	90.0	91.0	92.0	92.8	93.3	93.6	93.7	93.8	93.9	93.8	93.9
40.0	73.0	75.7	78.0	79.5	80.6	81.6	82.6	83.4	84.0	84.6	84.8	85.1	85.1	85.0	84.4
45.0	64.2	65.5	66.9	68.7	70.8	72.4	73.6	74.6	74.0	75.7	75.7	75.7	75.5	75.3	74.9
50.0	52.9	55.7	58.3	60.0	61.5	62.8	64.0	64.9	65.6	66.2	66.6	66.7	66.5	66.0	65.1
55.0	46.0	47.1	48.4	50.4	52.1	53.8	55.2	56.3	56.8	57.2	57.4	57.4	57.0	56.6	55.8
60.0	37.6	39.5	41.3	42.6	43.8	45.0	46.1	47.3	48.0	48.5	48.6	48.8	48.5	48.0	47.1
65.0	31.8	32.4	33.4	34.8	36.1	37.4	38.4	39.2	40.9	40.2	40.6	40.4	40.3	39.8	39.2
70.0	25.9	26.7	27.6	28.2	29.2	29.9	30.7	31.3	32.3	32.8	32.9	33.0	32.9	32.7	32.0
75.0	20.9	21.2	21.8	22.4	23.0	23.6	24.3	24.9	25.6	26.1	26.2	26.4	26.4	26.1	25.7
80.0	17.2	17.4	17.5	17.6	17.8	18.1	18.5	18.9	19.6	20.0	20.3	20.4	20.5	20.4	20.3
85.0	14.6	14.7	14.7	14.6	14.6	14.5	14.6	14.6	15.1	15.3	15.6	15.7	15.8	15.9	16.0
90.0	13.9	13.8	13.8	13.8	13.7	13.6	13.6	13.6	13.6	13.6	13.6	13.8	13.6	13.8	13.8

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UNIT: cd

C(DEG) γ (DEG)	300	305	310	315	320	325	330	335	340	345	350	355
0.0	128	128	128	128	128	128	128	128	128	128	128	128
5.0	127	127	127	127	127	127	127	127	127	128	128	128
10.0	125	125	125	125	125	125	125	125	125	125	126	126
15.0	121	121	121	122	122	122	122	121	121	121	122	122
20.0	116	116	116	116	116	116	117	116	116	116	116	116
25.0	110	110	110	110	109	108	109	109	109	108	107	108
30.0	102	102	101	101	101	100	98.4	97.8	98.4	97.8	96.2	96.8
35.0	93.7	93.6	92.4	90.9	89.5	89.2	88.7	86.1	85.2	86.2	84.2	83.8
40.0	83.5	82.4	81.8	81.0	79.1	76.5	75.7	75.3	72.4	72.3	72.1	70.5
45.0	74.3	73.2	71.0	68.5	67.5	66.8	63.7	62.7	62.2	59.5	61.5	58.5
50.0	63.6	62.1	60.8	59.7	57.1	54.8	54.9	52.4	52.2	51.0	51.3	49.9
55.0	55.0	53.4	51.3	49.0	48.3	47.5	45.1	45.5	43.9	45.0	43.2	43.5
60.0	45.6	44.0	43.0	42.4	40.9	39.1	39.7	38.3	39.1	37.5	37.6	38.4
65.0	38.3	37.4	36.1	35.0	34.0	34.2	33.3	33.3	32.6	33.5	33.7	33.6
70.0	31.2	30.3	29.5	29.3	29.3	28.5	28.1	28.6	28.1	27.7	27.7	27.9
75.0	25.3	25.0	24.6	24.2	23.8	23.5	23.8	23.7	23.8	23.4	23.9	24.1
80.0	20.0	19.9	19.6	19.4	19.3	19.4	19.6	19.3	19.5	19.4	19.4	19.6
85.0	15.9	16.0	15.9	15.8	16.0	15.9	15.9	15.9	15.8	16.1	16.1	16.0
90.0	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.7

Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2020年11月21日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:16.020 m
Remarks: