

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

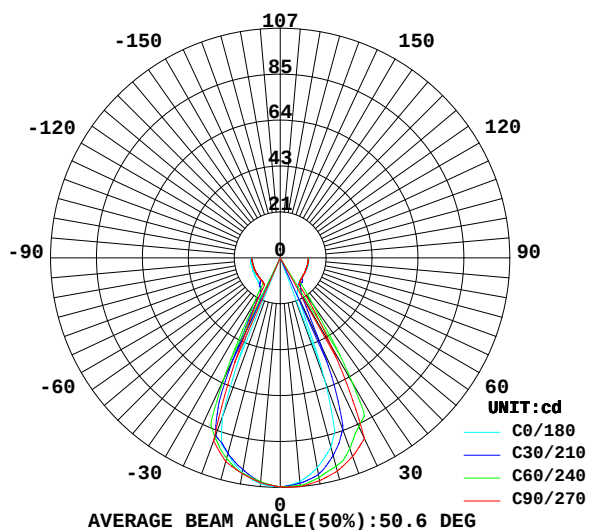
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

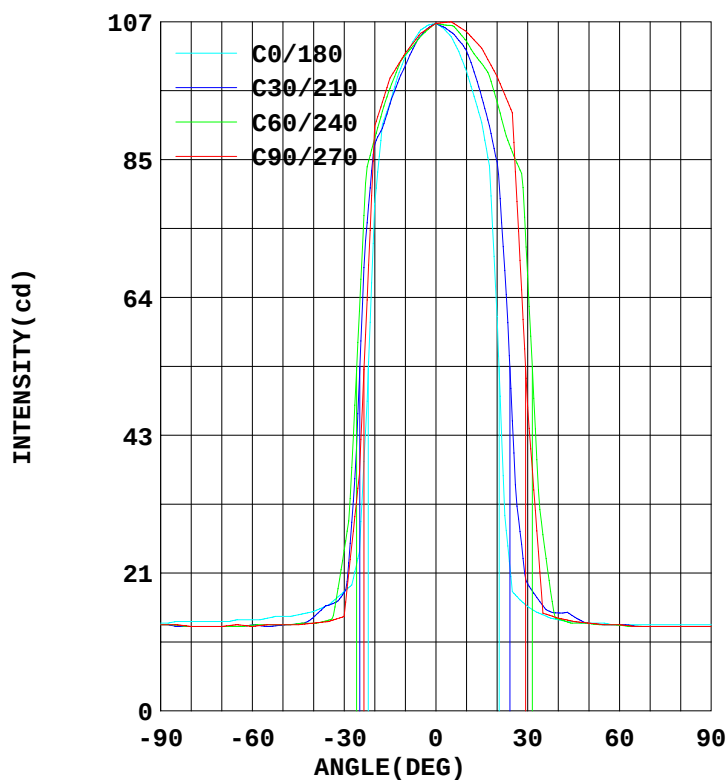
MANUFACTURER:	Address:	
NAME: LBD2720-5	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	106.7	S/MH(C0/180)	0.63
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.67
NOMINAL POWER(W)	5	TOTAL FLUX(lm)	138.56	Voltage(V)	220.1
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	29.5	Current(A)	0.041
NOMINAL FLUX(lm)	138.6	η up(%)	0.0	Power(W)	4.700
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.519
TEST VOLTAGE(V)	220.2	Effective Flux(lm)	138.6	EEL	0.274

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2020年10月31日

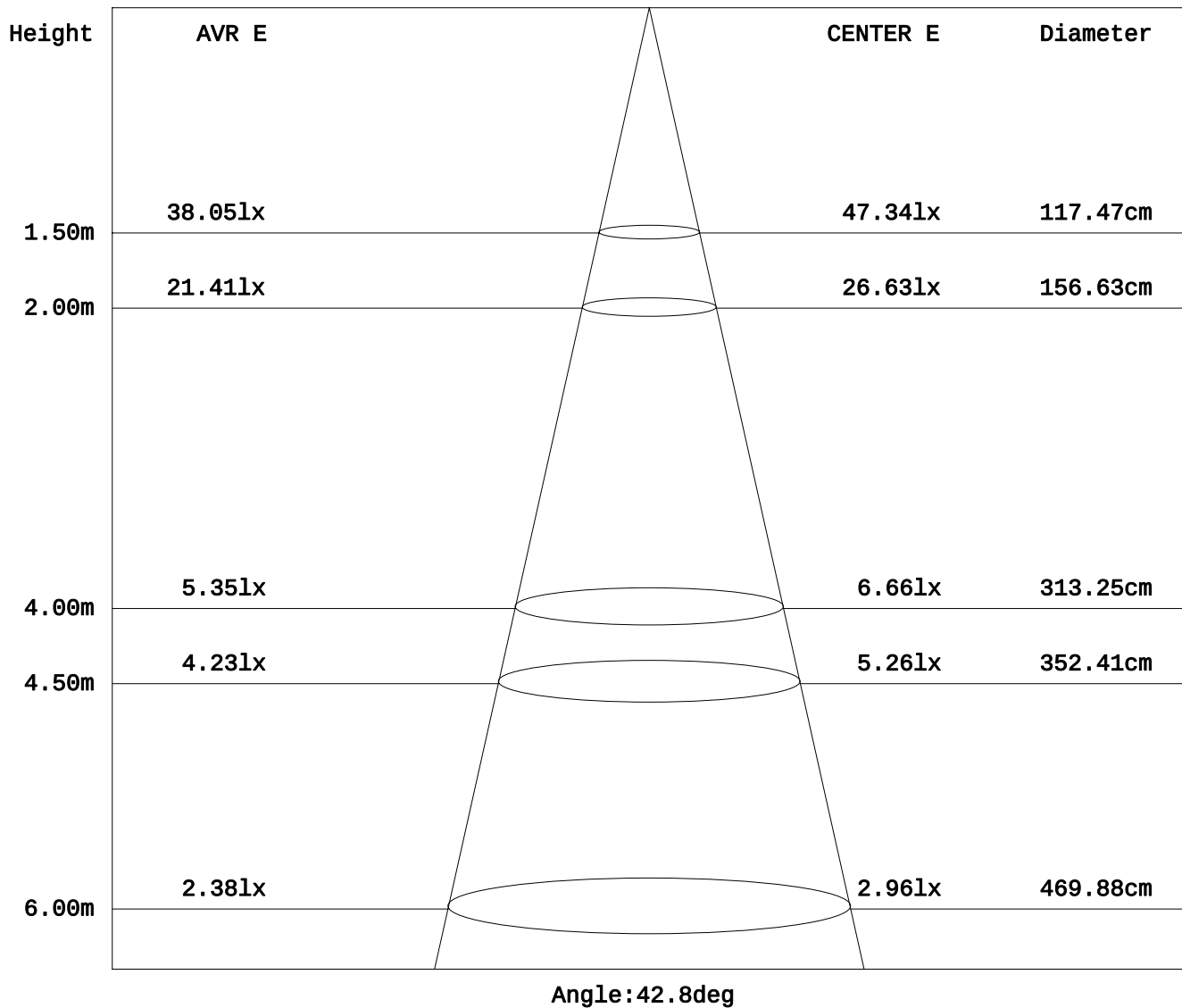
Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:16.020 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: LBD2720-5	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900
Temperature: 25.3DEG
Operators:
Test Date: 2020年10月31日

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

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LBD2720-5	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	105.4	104.4	104.9	104.6	104.4	105.6	106.7	105.5	0- 5	2.527	2.527
10.0	101.3	100.7	101.8	100.8	99.06	102.7	105.2	102.9	5- 10	7.404	9.931
15.0	94.18	96.19	98.03	93.78	91.10	97.09	102.6	98.64	10- 15	11.75	21.68
20.0	78.53	86.75	90.59	87.45	61.08	91.54	98.29	90.42	15- 20	15.12	36.80
25.0	24.63	77.18	36.69	66.02	18.47	80.61	92.64	84.03	20- 25	14.88	51.69
30.0	18.47	34.71	14.62	23.68	16.16	44.27	46.96	52.64	25- 30	10.66	62.35
35.0	16.42	14.39	13.85	14.91	14.88	19.42	15.14	20.30	30- 35	6.793	69.15
40.0	15.39	13.60	13.60	13.57	14.11	14.38	14.37	15.74	35- 40	5.164	74.31
45.0	14.88	13.34	13.34	13.34	13.85	13.83	13.85	13.84	40- 45	5.220	79.53
50.0	14.62	13.34	13.34	13.34	13.60	13.34	13.60	13.34	45- 50	5.543	85.07
55.0	14.37	13.29	13.34	13.33	13.60	13.33	13.34	13.34	50- 55	5.881	90.96
60.0	14.11	13.08	13.08	13.08	13.34	13.08	13.34	13.11	55- 60	6.188	97.14
65.0	14.11	13.08	13.34	13.08	13.34	13.08	13.08	13.08	60- 65	6.458	103.6
70.0	13.85	13.08	13.08	13.08	13.34	13.08	13.08	13.08	65- 70	6.687	110.2
75.0	13.85	13.08	13.08	13.08	13.34	13.08	13.08	13.08	70- 75	6.875	117.1
80.0	13.85	13.08	13.08	13.08	13.34	13.08	13.08	13.08	75- 80	7.025	124.1
85.0	13.85	13.23	13.34	13.23	13.34	13.08	13.08	13.08	80- 85	7.137	131.3
90.0	13.60	13.34	13.34	13.60	13.34	13.08	13.08	13.08	85- 90	7.234	138.5
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10月31日

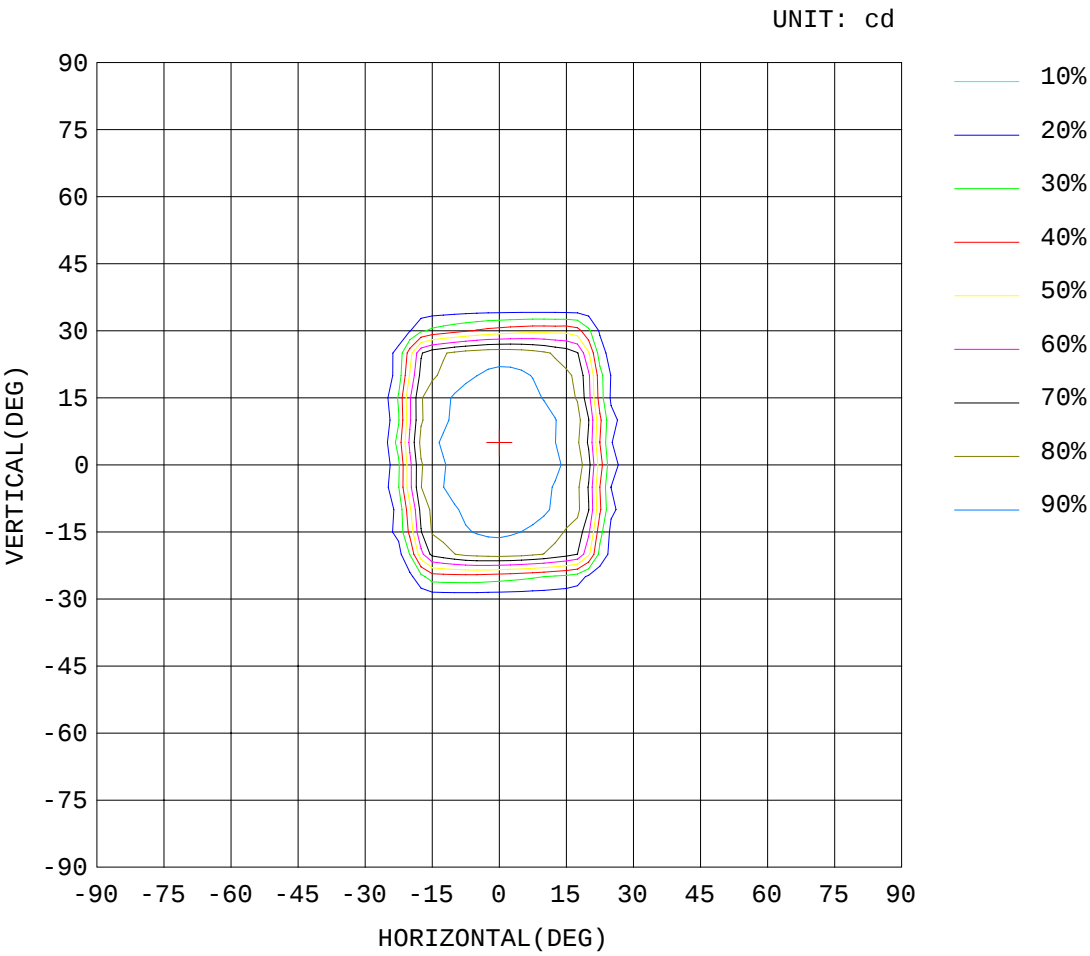
Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:16.020 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LBD2720-5	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



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Temperature:25.3DEG
Operators:
Test Date:2020年10月31日

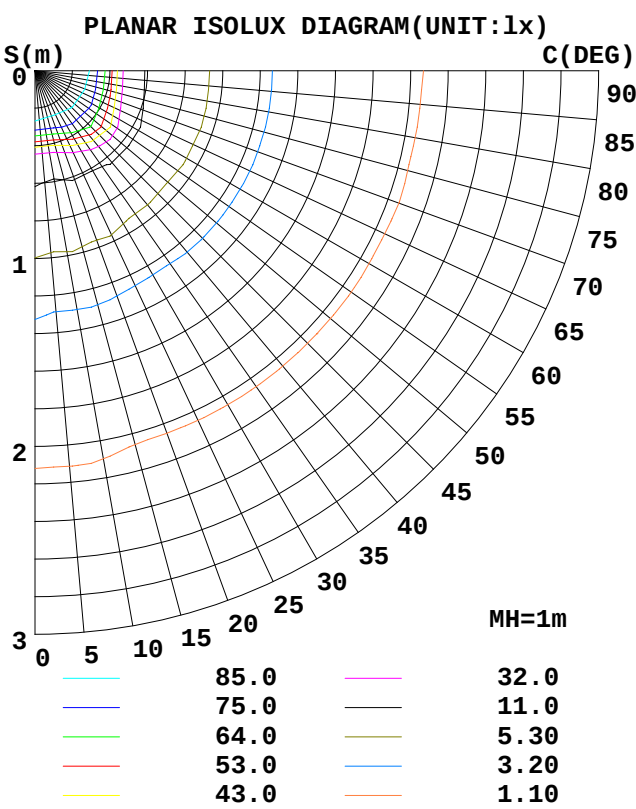
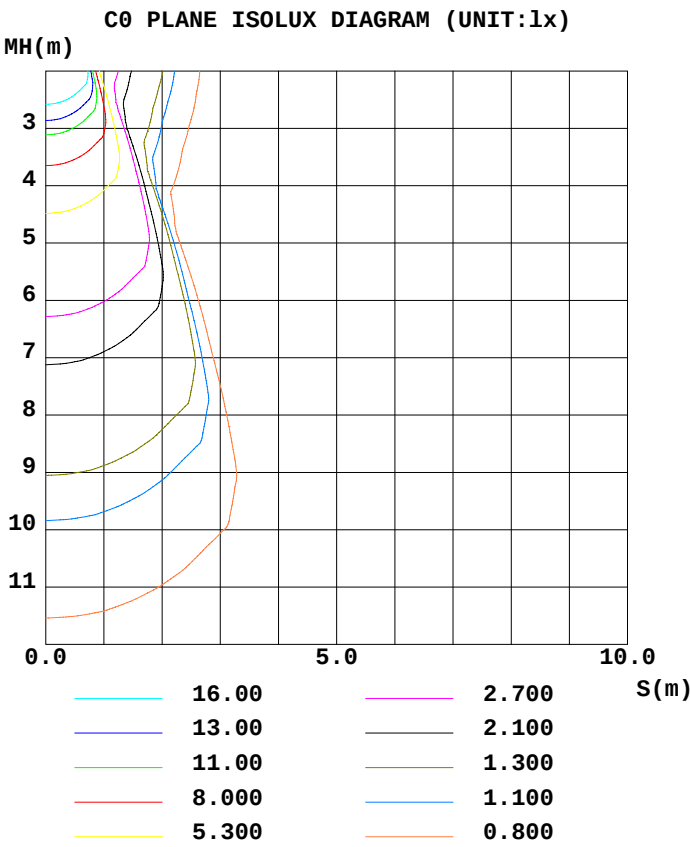
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Humidity:65.0%
Test Distance:16.020 m
Remarks:

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ISOLUX DIAGRAM

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SPECIFICATION:	DIMENSION:	SERIAL No.:



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Temperature:25.3DEG
Operators:
Test Date:2020年10月31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: LBD2720-5	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	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107
5.0	105	105	105	105	105	105	105	104	104	104	104	104	104	104	105
10.0	101	101	101	100	100	99.9	99.9	100	101	101	101	101	102	102	102
15.0	94.1	93.3	92.6	92.2	92.2	93.0	94.0	94.9	95.8	96.1	96.2	96.2	96.4	96.5	96.8
20.0	78.5	77.2	76.8	77.7	80.9	84.7	87.6	86.8	86.3	86.7	87.4	88.0	88.6	89.0	89.4
25.0	24.6	23.9	25.0	29.7	36.4	42.2	51.6	63.1	69.9	77.1	77.9	70.9	61.9	54.0	47.2
30.0	18.4	17.3	16.8	18.1	18.4	17.9	18.3	22.7	27.6	34.7	32.4	26.5	24.8	22.2	19.9
35.0	16.4	15.3	15.5	16.6	15.5	15.5	16.3	15.9	14.8	14.3	14.7	14.1	14.0	14.1	14.0
40.0	15.3	14.3	15.0	14.8	14.3	15.0	14.5	13.8	13.7	13.6	13.6	13.6	13.5	13.6	13.6
45.0	14.8	13.8	14.9	13.7	14.4	13.8	13.5	13.3	13.4	13.3	13.3	13.3	13.4	13.3	13.4
50.0	14.6	13.7	14.2	13.9	13.9	13.3	13.3	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3
55.0	14.3	13.9	13.5	14.0	13.2	13.2	13.0	13.3	13.2	13.2	13.2	13.1	13.3	13.3	13.3
60.0	14.1	13.9	13.5	13.2	13.0	13.1	13.2	13.0	13.0	13.0	13.1	13.3	13.2	13.2	13.3
65.0	14.1	14.0	13.7	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1
70.0	13.8	13.5	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
75.0	13.8	13.5	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
80.0	13.8	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
85.0	13.8	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.2	13.2	13.2	13.2	13.3	13.3	13.3
90.0	13.6	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2020年10月31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: LBD2720-5	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	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107
5.0	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
10.0	102	102	102	102	102	102	102	101	101	101	101	101	101	101	101
15.0	97.0	97.4	97.6	98.0	97.9	97.9	97.5	97.2	96.7	96.3	95.5	94.7	93.7	92.9	92.7
20.0	89.8	90.1	90.3	90.5	90.5	90.4	90.4	90.1	89.6	89.0	88.2	87.7	87.4	85.8	81.7
25.0	42.1	38.6	36.7	36.6	38.2	41.4	45.9	51.4	57.6	64.6	71.8	73.3	66.0	53.7	43.4
30.0	17.8	16.1	15.0	14.6	15.0	16.4	18.6	21.8	25.7	30.3	30.7	29.0	23.6	17.7	18.2
35.0	14.0	13.9	13.8	13.8	14.1	14.0	14.0	14.0	14.1	14.0	14.2	14.8	14.9	15.1	15.2
40.0	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.5	13.6	13.6	13.5	13.9	14.3
45.0	13.5	13.3	13.3	13.3	13.4	13.3	13.3	13.4	13.4	13.3	13.3	13.3	13.3	13.3	13.3
50.0	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.2	13.2	13.3	13.3	13.3	13.3	13.3
55.0	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.1	13.0	13.1	13.2	13.3	13.2	13.3
60.0	13.1	13.2	13.3	13.0	13.1	13.1	13.1	13.3	13.1	13.0	13.0	13.0	13.0	13.0	13.3
65.0	13.0	13.0	13.0	13.3	13.0	13.0	13.2	13.2	13.0	13.0	13.0	13.0	13.0	13.0	13.0
70.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0
75.0	13.0	13.0	13.0	13.0	13.0	13.1	13.3	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0
80.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
85.0	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.2	13.2	13.2	13.2	13.1
90.0	13.3	13.3	13.3	13.3	13.3	13.3	13.6	13.3	13.3	13.6	13.6	13.3	13.6	13.6	13.6

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2020年10月31日

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

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:		
NAME: LBD2720-5	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	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107
5.0	104	104	104	104	104	104	104	105	105	105	105	105	105	105	105
10.0	101	101	100	99.7	99.4	99.2	99.0	99.4	99.8	100	101	102	102	102	103
15.0	92.7	93.0	93.4	92.8	92.1	91.5	91.1	91.8	92.8	93.9	94.9	94.8	95.0	95.4	95.9
20.0	78.8	73.9	69.4	67.0	63.9	61.7	61.0	63.7	67.7	72.2	75.6	80.4	85.0	87.2	89.6
25.0	33.7	24.0	22.9	22.8	22.1	19.8	18.4	20.3	23.4	25.3	27.3	31.4	44.9	59.8	69.9
30.0	18.3	18.1	17.0	17.0	17.9	17.2	16.1	17.4	18.1	17.2	17.4	19.0	19.7	21.7	25.5
35.0	15.2	16.1	16.0	14.9	15.7	15.8	14.8	16.0	15.9	15.1	16.4	16.8	16.2	17.0	18.0
40.0	14.1	14.0	15.1	14.6	14.4	15.2	14.1	15.2	14.6	14.8	15.4	14.4	15.1	15.8	15.0
45.0	13.6	13.7	13.9	14.7	13.7	14.9	13.8	14.9	13.8	14.9	14.1	14.4	14.6	13.8	13.7
50.0	13.3	13.5	13.4	13.9	13.8	14.4	13.6	14.4	13.9	14.1	14.0	14.2	13.5	13.5	13.4
55.0	13.3	13.1	13.4	13.3	13.9	13.9	13.6	13.9	14.0	13.6	14.1	13.5	13.3	13.3	13.3
60.0	13.0	13.0	13.0	13.3	13.7	13.5	13.3	13.5	13.9	14.0	13.3	13.3	13.3	13.3	13.1
65.0	13.0	13.0	13.2	13.1	13.2	13.4	13.3	13.4	13.6	13.4	13.2	13.0	13.1	13.0	13.0
70.0	13.0	13.0	13.0	13.1	13.3	13.7	13.3	13.7	13.8	13.3	13.1	13.1	13.0	13.0	13.0
75.0	13.1	13.0	13.0	13.0	13.0	13.3	13.3	13.5	13.2	13.0	13.0	13.0	13.0	13.0	13.0
80.0	13.0	13.0	13.0	13.0	13.0	13.2	13.3	13.5	13.0	13.0	13.0	13.0	13.0	13.0	13.0
85.0	13.0	13.0	13.0	13.0	13.0	13.0	13.3	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
90.0	13.6	13.6	13.6	13.6	13.6	13.6	13.3	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0

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UNIT: cd

C(DEG) γ (DEG)	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295
0.0	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107
5.0	106	106	106	106	106	106	106	107	107	107	107	106	106	106	106
10.0	103	103	103	104	104	104	105	105	105	105	105	105	105	105	105
15.0	97.0	98.2	99.2	100	101	102	102	102	102	103	102	102	102	101	101
20.0	91.5	92.6	93.3	94.3	95.1	95.8	96.6	97.2	97.8	98.2	98.3	98.2	97.8	96.9	95.8
25.0	80.6	82.5	84.7	86.5	88.6	90.1	91.2	92.0	92.5	92.6	92.5	92.0	91.3	90.4	89.4
30.0	44.2	62.2	73.4	67.2	59.7	53.8	49.6	47.2	46.5	46.9	49.0	52.4	56.7	61.3	66.2
35.0	19.4	22.8	24.7	27.2	25.3	22.3	19.7	17.4	15.7	15.1	15.8	17.9	21.6	26.6	33.1
40.0	14.3	14.4	14.5	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.4	14.3	14.4	14.5
45.0	13.8	13.7	13.6	13.6	13.7	13.7	13.8	13.8	13.8	13.8	13.8	13.9	13.9	13.9	13.7
50.0	13.3	13.3	13.3	13.5	13.4	13.4	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.4
55.0	13.3	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
60.0	13.0	13.1	13.3	13.2	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.2
65.0	13.0	13.0	13.0	13.1	13.0	13.2	13.2	13.3	13.2	13.0	13.3	13.2	13.3	13.2	13.2
70.0	13.0	13.0	13.2	13.0	13.1	13.1	13.1	13.1	13.0	13.0	13.0	13.3	13.1	13.1	13.1
75.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
80.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
85.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
90.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0

Test System:HOP00 HPG1900
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: LBD2720-5	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

C(DEG) γ (DEG)	300	305	310	315	320	325	330	335	340	345	350	355
0.0	107	107	107	107	107	107	107	107	107	107	107	107
5.0	106	106	106	106	105	105	105	105	105	105	105	105
10.0	105	104	103	103	102	102	101	101	101	101	101	101
15.0	100	99.4	99.0	98.6	98.0	96.8	95.5	94.2	93.1	92.9	93.1	93.5
20.0	94.6	93.1	91.6	90.4	89.5	89.0	88.9	85.2	80.8	77.2	76.3	76.9
25.0	88.1	87.2	86.1	84.0	74.8	64.9	52.7	43.1	37.0	30.1	25.4	24.2
30.0	71.6	75.4	67.1	52.6	35.1	25.8	19.5	18.5	18.7	18.3	16.9	17.3
35.0	39.8	38.9	28.9	20.3	17.3	17.8	17.8	16.3	15.9	16.7	15.6	15.4
40.0	14.5	15.4	15.5	15.7	15.6	15.0	15.4	15.9	14.7	15.0	15.0	14.3
45.0	13.7	13.7	13.8	13.8	14.2	14.5	14.1	14.5	14.9	13.9	14.9	13.8
50.0	13.3	13.3	13.4	13.3	13.4	13.7	14.1	13.8	14.2	14.0	14.3	13.7
55.0	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.9	13.6	14.3	13.7	13.9
60.0	13.2	13.3	13.3	13.1	13.3	13.3	13.2	13.3	13.7	13.5	13.7	13.9
65.0	13.0	13.3	13.1	13.0	13.1	13.2	13.3	13.3	13.3	13.5	14.0	14.0
70.0	13.0	13.2	13.0	13.0	13.0	13.0	13.1	13.1	13.2	13.3	13.3	13.5
75.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.4	13.6
80.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.4
85.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.2
90.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2020年10月31日

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