

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

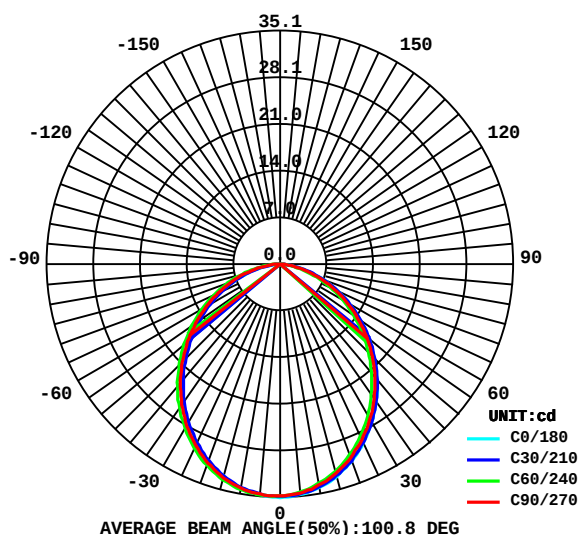
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

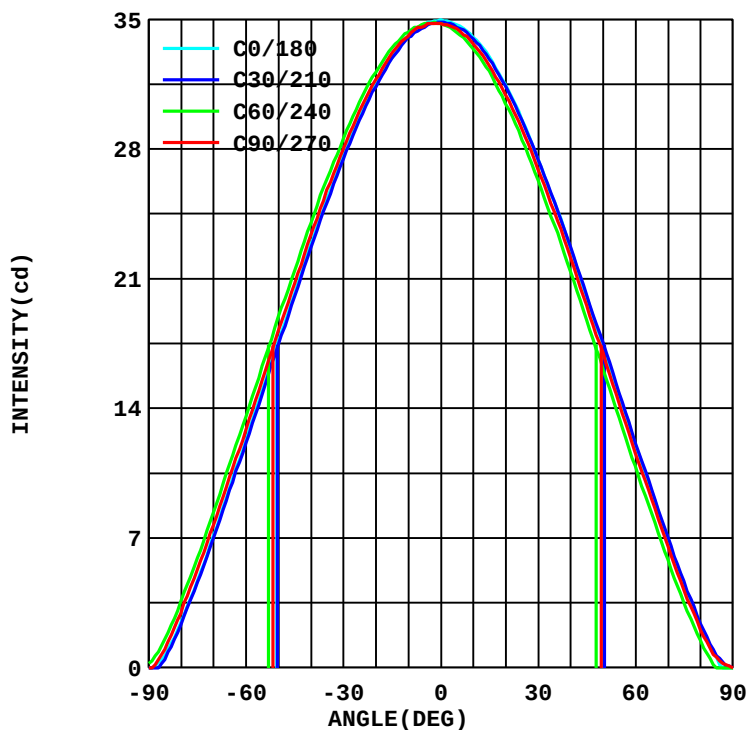
MANUFACTURER:	Address:	
NAME: KBL-F-V-BL-35K-IEPF-IEC-24	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 24.3"x 0.62"x0.62"	SERIAL No.:N/A

DATA OF LAMP		I _{max} (cd)	35.08	S/MH(C0/180)	1.18
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.20
NOMINAL POWER(W)	8	TOTAL FLUX(lm)	86.114	Voltage(V)	24.01
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	10.8	Current(A)	0.332
NOMINAL FLUX(lm)	86.1	η up(%)	0.0	Power(W)	7.970
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	84.4	EEI	0.652

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00
Temperature:25.3DEG
Operators:
Test Date:07-21-2022

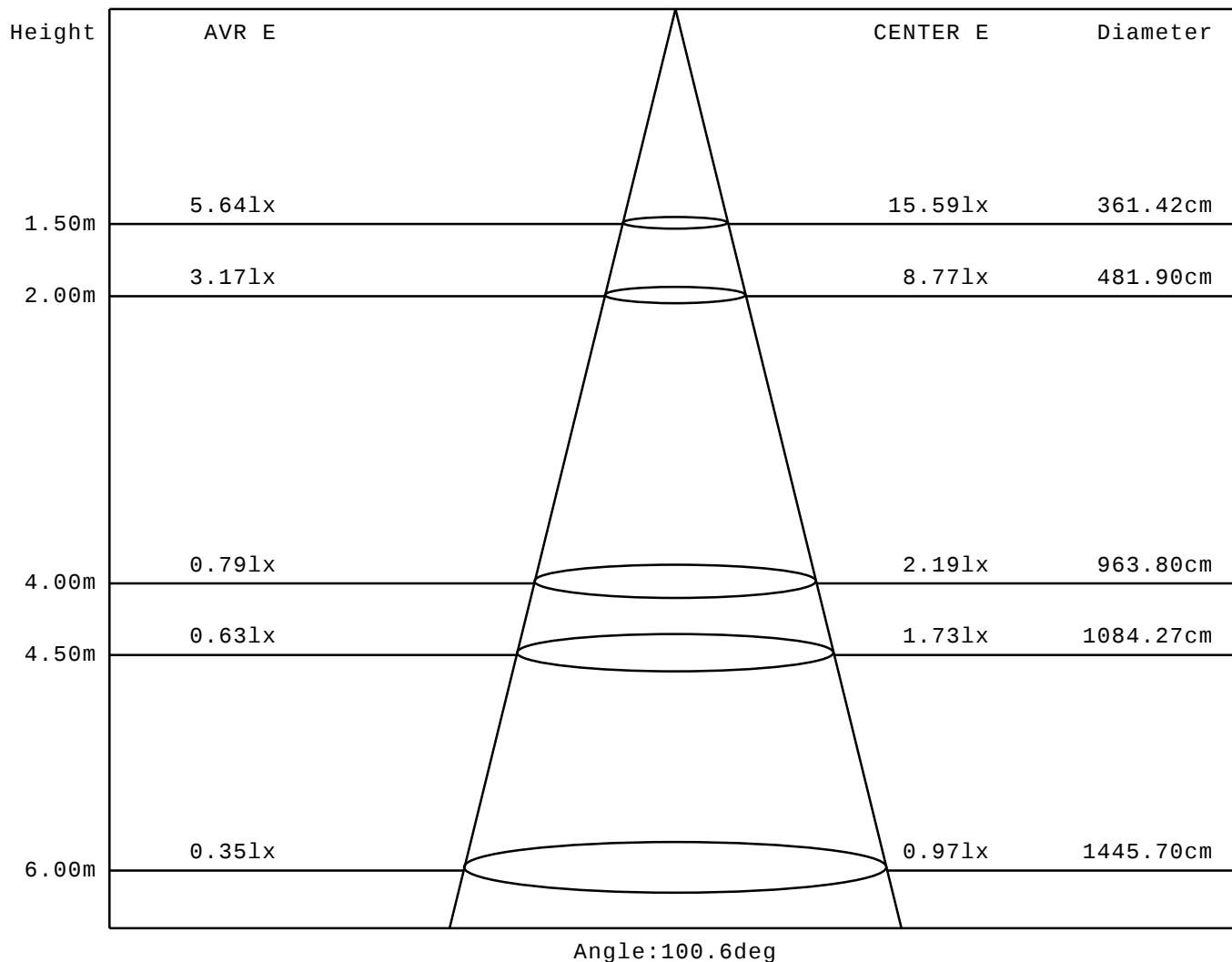
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.368 m
Remarks: 24 Volts 11 Sections

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

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NAME: KBL-F-V-BL-35K-IEPF-IEC-24	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION:	SERIAL No.:N/A



Test System:HOP00
Temperature:25.3DEG
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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: KBL-F-V-BL-35K-IEPF-IEC-24	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION:	SERIAL No.:N/A

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	34.80	34.76	34.73	34.66	34.80	34.52	34.59	34.48	0- 5	0.831	0.831
10.0	34.17	34.24	34.17	34.03	34.10	33.75	33.75	33.75	5- 10	2.455	3.287
15.0	32.98	33.26	33.26	33.05	33.05	32.59	32.56	32.59	10- 15	3.967	7.255
20.0	31.58	31.82	31.86	31.61	31.58	31.02	31.02	31.02	15- 20	5.298	12.55
25.0	29.75	30.11	30.11	29.90	29.61	29.09	29.12	29.16	20- 25	6.397	18.95
30.0	27.72	28.07	28.07	27.79	27.51	26.95	26.95	26.99	25- 30	7.224	26.17
35.0	25.34	25.76	25.83	25.48	25.20	24.57	24.64	24.68	30- 35	7.754	33.93
40.0	22.89	23.35	23.38	23.10	22.68	22.09	22.19	22.19	35- 40	7.987	41.91
45.0	20.23	20.79	20.79	20.55	20.09	19.50	19.60	19.60	40- 45	7.929	49.84
50.0	17.64	18.20	18.20	17.92	17.43	16.84	17.01	16.94	45- 50	7.598	57.44
55.0	14.98	15.54	15.54	15.26	14.77	14.17	14.28	14.31	50- 55	7.027	64.47
60.0	12.32	12.88	12.88	12.60	12.04	11.55	11.62	11.69	55- 60	6.246	70.72
65.0	9.663	10.29	10.29	10.01	9.523	8.962	9.103	9.173	60- 65	5.296	76.01
70.0	7.142	7.702	7.702	7.492	7.002	6.477	6.582	6.617	65- 70	4.215	80.23
75.0	4.691	5.286	5.321	5.041	4.481	4.096	4.201	4.201	70- 75	3.053	83.28
80.0	2.450	2.940	2.940	2.800	2.310	1.925	2.030	1.995	75- 80	1.881	85.16
85.0	0.630	0.980	0.980	0.875	0.560	0.315	0.560	0.350	80- 85	0.808	85.97
90.0	0	0.105	0	0.070	0	0	0	0	85- 90	0.135	86.11
95.0	0	0	0	0	0	0	0	0	90- 95	0.004	86.11
100.0	0	0	0	0	0	0	0	0	95-100	0	86.11
105.0	0	0	0	0	0	0	0	0	100-105	0	86.11
110.0	0	0	0	0	0	0	0	0	105-110	0	86.11
115.0	0	0	0	0	0	0	0	0	110-115	0	86.11
120.0	0	0	0	0	0	0	0	0	115-120	0	86.11
125.0	0	0	0	0	0	0	0	0	120-125	0	86.11
130.0	0	0	0	0	0	0	0	0	125-130	0	86.11
135.0	0	0	0	0	0	0	0	0	130-135	0	86.11
140.0	0	0	0	0	0	0	0	0	135-140	0	86.11
145.0	0	0	0	0	0	0	0	0	140-145	0	86.11
150.0	0	0	0	0	0	0	0	0	145-150	0	86.11
155.0	0	0	0	0	0	0	0	0	150-155	0	86.11
160.0	0	0	0	0	0	0	0	0	155-160	0	86.11
165.0	0	0	0	0	0	0	0	0	160-165	0	86.11
170.0	0	0	0	0	0	0	0	0	165-170	0	86.11
175.0	0	0	0	0	0	0	0	0	170-175	0	86.11
180.0	0	0	0	0	0	0	0	0	175-180	0	86.11
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

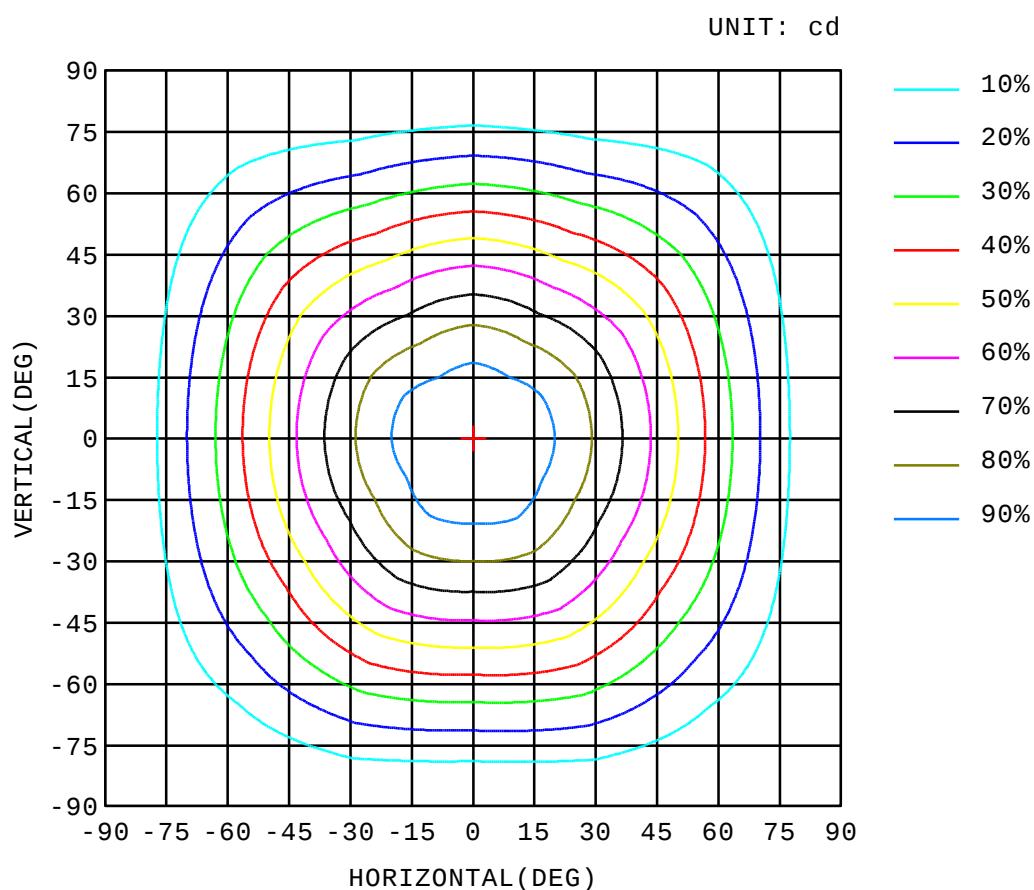
Test System:HOP00
Temperature:25.3DEG
Operators:
Test Date:07-21-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.368 m
Remarks: 24 Volts 11 Sections

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: KBL-F-V-BL-35K-IEPF-IEC-24	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION:	SERIAL No.:N/A



Test System:HOP00
Temperature:25.3DEG
Operators:
Test Date:07-21-2022

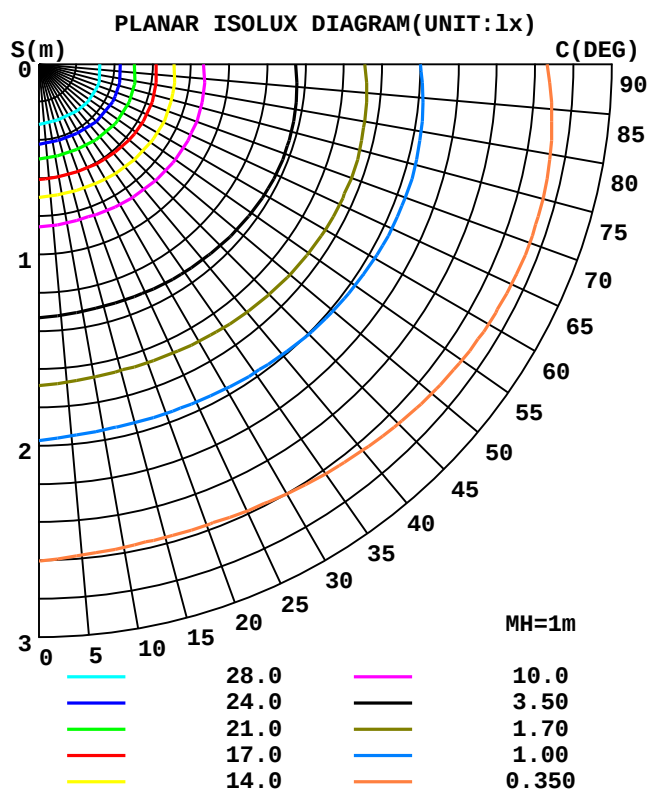
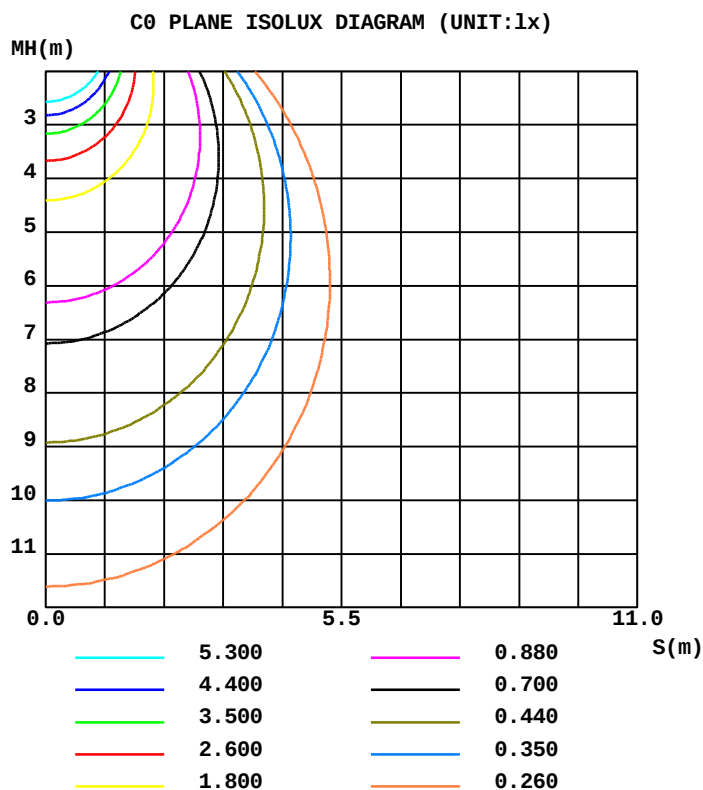
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HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: KBL-F-V-BL-35K-IEPF-IEC-24	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION:	SERIAL No.:N/A



Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:07-21-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
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LUMINOUS DISTRIBUTION INTENSITY DATA

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NAME: KBL-F-V-BL-35K-IEPF-IEC-24	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION:	SERIAL No.:N/A

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	35.0	34.9	34.8	34.8	34.8	34.8	35.0	34.9	34.8	34.8	34.8	34.8
5.0	34.8	34.6	34.8	34.7	34.8	34.5	34.8	34.6	34.3	34.5	34.3	34.5
10.0	34.1	34.1	34.3	34.1	34.2	33.8	34.1	34.0	33.4	33.7	33.5	33.9
15.0	32.9	32.9	33.5	33.2	33.4	32.7	33.0	32.9	32.2	32.5	32.2	32.9
20.0	31.5	31.4	32.2	31.8	32.0	31.2	31.5	31.5	30.5	31.0	30.6	31.4
25.0	29.7	29.6	30.6	30.1	30.3	29.4	29.6	29.6	28.5	29.1	28.6	29.6
30.0	27.7	27.5	28.6	28.0	28.4	27.1	27.5	27.5	26.3	26.9	26.4	27.5
35.0	25.3	25.1	26.3	25.8	26.1	24.8	25.2	25.2	23.9	24.6	24.0	25.2
40.0	22.8	22.6	24.0	23.3	23.8	22.4	22.6	22.7	21.4	22.1	21.5	22.8
45.0	20.2	20.0	21.4	20.7	21.2	19.8	20.0	20.1	18.8	19.6	18.9	20.2
50.0	17.6	17.4	18.9	18.2	18.6	17.2	17.4	17.5	16.1	17.0	16.2	17.6
55.0	14.9	14.7	16.3	15.5	16.0	14.4	14.7	14.8	13.5	14.2	13.6	14.9
60.0	12.3	12.1	13.5	12.8	13.3	11.9	12.0	12.1	10.9	11.6	11.0	12.3
65.0	9.66	9.59	10.9	10.2	10.7	9.31	9.52	9.59	8.33	9.10	8.54	9.80
70.0	7.14	7.00	8.40	7.70	8.19	6.79	7.00	7.07	5.88	6.58	6.02	7.21
75.0	4.69	4.62	5.95	5.32	5.67	4.41	4.48	4.69	3.50	4.20	3.64	4.76
80.0	2.45	2.31	3.57	2.94	3.43	2.17	2.31	2.38	1.47	2.03	1.54	2.45
85.0	0.63	0.42	1.54	0.98	1.40	0.35	0.56	0.63	0.00	0.56	0.00	0.70
90.0	0.00	0.00	0.21	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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

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