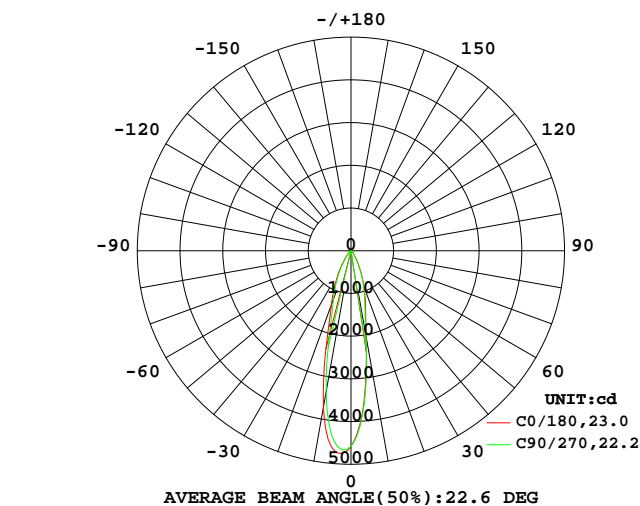


LUMINAIRE PHOTOMETRIC TEST REPORT

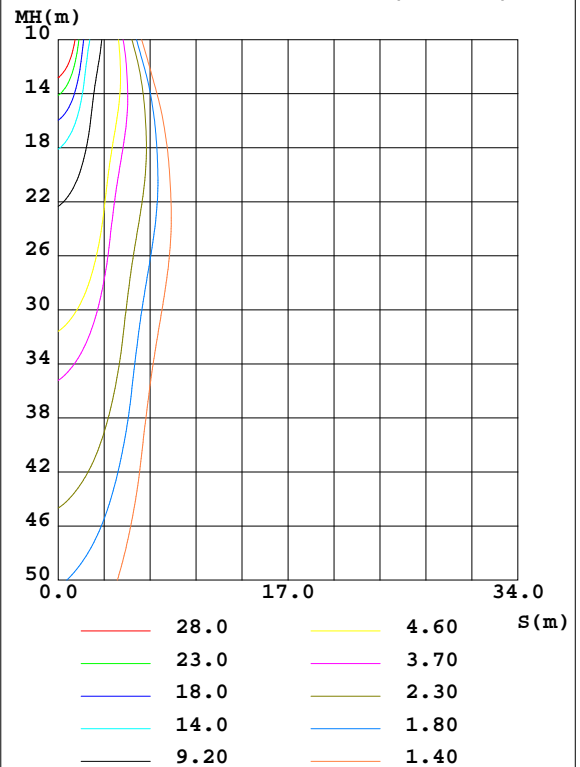
Test:U:12.000V I:1.0780A P:13.000W PF:1.0000 Freq:0Hz Lamp Flux:1454.15x1 lm		
NAME: IH-F16-14W	TYPE:LED	WEIGHT:--
SPEC.:--	DIM.: --	SERIAL No.:T190827050
MFR.: In Home lighting Limited	SUR.:--	Shielding Angle:--

DATA OF LAMP		PHOTOMETRIC DATA Eff: 111.86 lm/W			
MODEL	IH-F16-14W	Imax(cd)	4795	S/MH(C0/180)	0.50
NOMINAL POWER(W)	14	LOR(%)	100.0	S/MH(C90/270)	0.46
RATED VOLTAGE(V)	12	TOTAL FLUX(lm)	1454.1	η UP,DN(C0-180)	0.0,42.8
NOMINAL FLUX(lm)	1454.15	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,57.1
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	12	η down(%)	100.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.8DEG
Operators:Dinghao Lun
Test Date:2019-08-27

Checker:

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.401
Humidity:57%
Test Distance:1.495m [K=1.0000]
Remarks: 12Vdc

Assessor:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2034	1771	2026	2884	3719	3745	3363	2702	0- 10	345.6	345.6	23.8,23.8
20	888.8	772.4	858.2	1199	1346	1214	1197	1167	10- 20	475.1	820.7	56.4,56.4
30	279.5	249.0	292.3	434.7	557.3	552.0	502.8	402.8	20- 30	321.1	1142	78.5,78.5
40	96.72	88.37	95.98	121.4	151.2	160.0	143.1	123.1	30- 40	143.1	1285	88.4,88.4
50	63.20	58.21	57.94	69.06	71.22	70.81	70.32	76.45	40- 50	67.07	1352	93,93
60	43.59	36.00	38.67	46.69	48.54	46.75	46.82	49.48	50- 60	49.75	1402	96.4,96.4
70	22.32	17.45	18.49	22.59	27.75	28.20	29.96	26.96	60- 70	34.04	1436	98.7,98.7
80	4.697	2.812	3.027	4.735	9.113	11.49	11.50	7.715	70- 80	15.82	1452	99.8,99.8
90	0	0	0	0	0	0.2065	0.1900	0.0132	80- 90	2.480	1454	100,100
100	0	0	0	0	0	0	0	0	90-100	0.0032	1454	100,100
110	0	0	0	0	0	0	0	0	100-110	0	1454	100,100
120	0	0	0	0	0	0	0	0	110-120	0	1454	100,100
130	0	0	0	0	0	0	0	0	120-130	0	1454	100,100
140	0	0	0	0	0	0	0	0	130-140	0	1454	100,100
150	0.0352	0.0337	0.0302	0.0229	0.0094	0.0024	0.0065	0.0211	140-150	0.0028	1454	100,100
160	0.1369	0.1409	0.1274	0.1043	0.0847	0.0689	0.0688	0.0952	150-160	0.0251	1454	100,100
170	0.2130	0.2302	0.2261	0.1984	0.2270	0.2040	0.1937	0.2000	160-170	0.0439	1454	100,100
180	0	0	0	0	0.0268	0.0254	0.0180	0.0178	170-180	0.0175	1454	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1321.9 lm

%lum = 90.9%

%lamp = 90.9%

Conical surface Flux(120deg): 1401.7 lm

%lum = 96.4%

%lamp = 96.4%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Dinghao Lun
 Test Date:2019-08-27

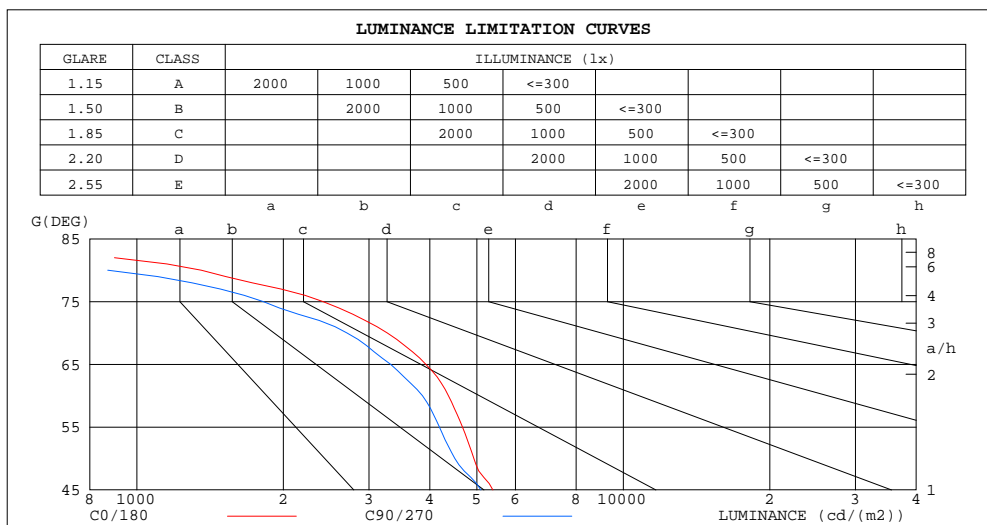
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.401
 Humidity:57%
 Test Distance:1.495m [K=1.0000]
 Remarks: 12Vdc

Checker:

Assessor:

LUMINANCE LIMITATION CURVES

Test:U:12.000V I:1.0780A P:13.000W PF:1.0000 Freq:0Hz Lamp Flux:1454.15x1 lm		
NAME: IH-F16-14W	TYPE:LED	WEIGHT:--
SPEC.:--	DIM.: --	SERIAL No.:T190827050
MFR.: 英鸿光电	SUR.:--	Shielding Angle:--



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	191	2
80	1356	871
75	2411	1818
70	3271	2702
65	3927	3323
60	4370	3865
55	4671	4187
50	4928	4505
45	5392	5095

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.8DEG
Operators:Dinghao Lun
Test Date:2019-08-27

Checker:

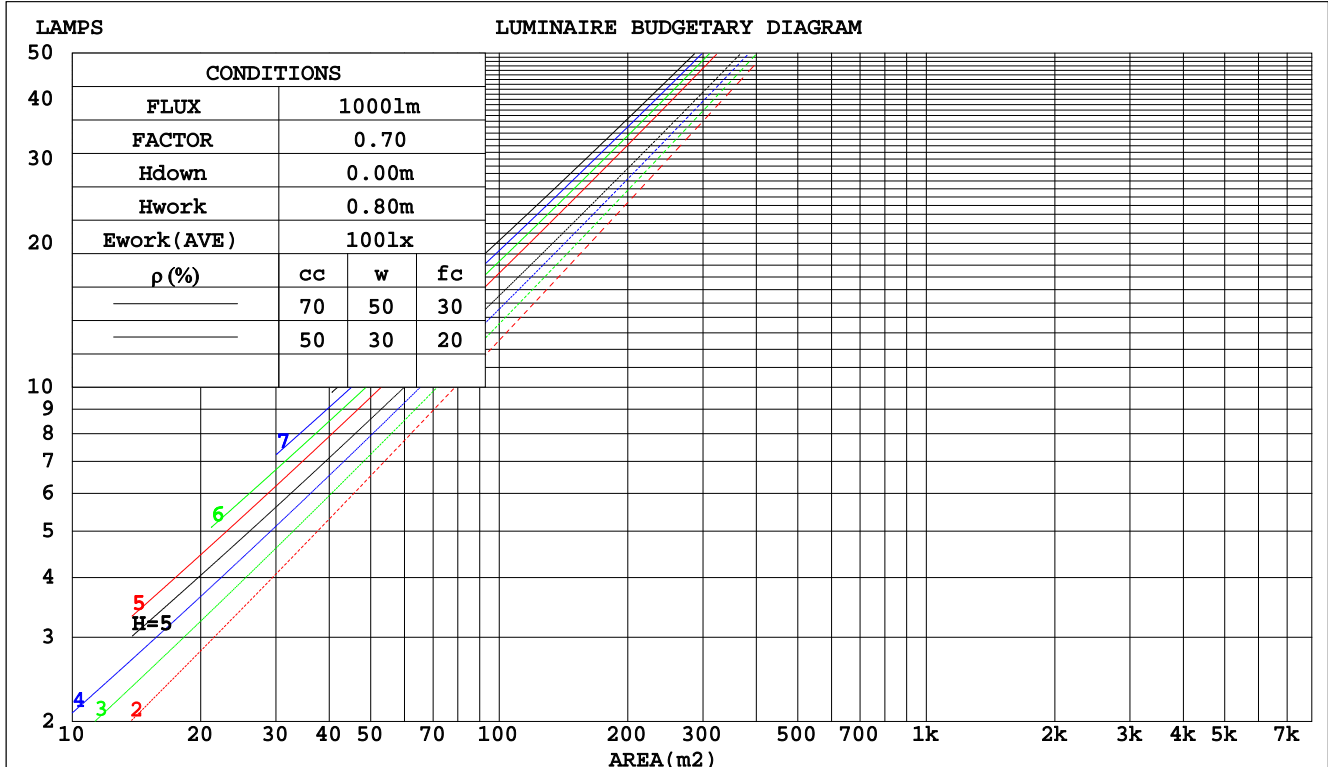
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.401
Humidity:57%
Test Distance:1.495m [K=1.0000]
Remarks: 12Vdc

Assessor:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:12.000V I:1.0780A P:13.000W PF:1.0000 Freq:0Hz Lamp Flux:1454.15x1 lm		
NAME: IH-F16-14W	TYPE:LED	WEIGHT:--
SPEC.:--	DIM.: --	SERIAL No.:T190827050
MFR.: 英鸿光电	SUR.:--	Shielding Angle:--

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.11	1.09	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.00	.98	.98	.97	.96	.94
2.0	1.04	.00	.97	1.02	.98	.95	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88
3.0	.97	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.85	.89	.86	.84	.83
4.0	.92	.87	.83	.91	.86	.82	.89	.85	.81	.87	.83	.80	.85	.82	.79	.78
5.0	.87	.82	.78	.86	.81	.77	.84	.80	.77	.83	.79	.76	.81	.78	.75	.74
6.0	.83	.77	.73	.82	.77	.73	.81	.76	.73	.79	.75	.72	.78	.74	.72	.70
7.0	.79	.74	.70	.78	.73	.70	.77	.73	.69	.76	.72	.69	.75	.71	.68	.67
8.0	.75	.70	.66	.75	.70	.66	.74	.69	.66	.73	.69	.66	.72	.68	.66	.64
9.0	.72	.67	.64	.72	.67	.64	.71	.66	.63	.70	.66	.63	.69	.66	.63	.62
10.0	.70	.64	.61	.69	.64	.61	.68	.64	.61	.68	.64	.61	.67	.63	.60	.59



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.8DEG
Operators: Dinghao Lun
Test Date: 2019-08-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.401
Humidity: 57%
Test Distance: 1.495m [K=1.0000]
Remarks: 12Vdc

Checker:

Assessor:

WEC AND CCEC

Test:U:12.000V I:1.0780A P:13.000W PF:1.0000 Freq:0Hz Lamp Flux:1454.15x1 lm		
NAME: IH-F16-14W	TYPE:LED	WEIGHT:--
SPEC.:--	DIM.: --	SERIAL No.:T190827050
MFR.: 英鸿光电	SUR.:--	Shielding Angle:--

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.174	.099	.031	.168	.096	.030	.155	.089	.028	.144	.083	.027	.133	.077	.025		
2.0	.165	.090	.028	.159	.088	.027	.149	.083	.026	.139	.078	.024	.130	.073	.023		
3.0	.155	.082	.025	.150	.080	.024	.141	.076	.023	.133	.073	.022	.125	.069	.021		
4.0	.145	.075	.022	.141	.074	.022	.133	.071	.021	.126	.068	.020	.120	.065	.020		
5.0	.137	.070	.020	.133	.068	.020	.126	.066	.019	.120	.063	.019	.114	.061	.018		
6.0	.129	.065	.019	.126	.064	.018	.120	.062	.018	.115	.060	.018	.110	.058	.017		
7.0	.122	.060	.017	.119	.059	.017	.114	.058	.017	.110	.056	.016	.105	.055	.016		
8.0	.116	.057	.016	.114	.056	.016	.109	.054	.016	.105	.053	.015	.101	.052	.015		
9.0	.110	.053	.015	.108	.053	.015	.104	.052	.015	.100	.050	.014	.097	.049	.014		
10.0	.105	.050	.014	.103	.050	.014	.100	.049	.014	.096	.048	.014	.093	.047	.013		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.033	.016	.013	.011	
4.0	.131	.099	.074	.113	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.038	.042	.031	.022	.013	.010	.007	
6.0	.114	.077	.051	.098	.067	.045	.067	.047	.032	.039	.028	.019	.013	.009	.006	
7.0	.106	.070	.044	.092	.060	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.100	.063	.038	.086	.055	.033	.060	.038	.023	.035	.023	.014	.011	.007	.005	
9.0	.095	.058	.033	.082	.050	.029	.057	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.090	.053	.029	.077	.046	.025	.054	.032	.018	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.8DEG
Operators:Dinghao Lun
Test Date:2019-08-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.401
Humidity:57%
Test Distance:1.495m [K=1.0000]
Remarks: 12Vdc

Checker:

Assessor:

UGR(Unified Glare Rating) Table

Test:U:12.000V I:1.0780A P:13.000W PF:1.0000 Freq:0Hz Lamp Flux:1454.15x1 lm										
NAME: IH-F16-14W					TYPE:LED			WEIGHT:--		
SPEC.:--					DIM.: --			SERIAL No.:T190827050		
MFR.: 英鸿光电					SUR.:--			Shielding Angle:--		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	11.4	12.3	11.7	12.5	12.6	11.1	12.0	11.3	12.1	12.3
3H	12.5	13.3	12.7	13.5	13.7	11.9	12.7	12.2	12.9	13.1
4H	12.7	13.5	13.0	13.7	13.9	12.1	12.9	12.4	13.1	13.3
6H	12.8	13.5	13.1	13.8	14.0	12.1	12.9	12.4	13.1	13.3
8H	12.8	13.5	13.1	13.7	14.0	12.1	12.8	12.4	13.0	13.3
12H	12.7	13.4	13.1	13.7	14.0	12.0	12.7	12.4	13.0	13.3
4H 2H	11.8	12.5	12.1	12.8	13.0	11.5	12.2	11.8	12.5	12.7
3H	12.9	13.6	13.2	13.9	14.1	12.4	13.1	12.8	13.4	13.6
4H	13.2	13.9	13.6	14.1	14.5	12.7	13.3	13.0	13.6	13.9
6H	13.3	13.9	13.7	14.2	14.5	12.7	13.2	13.1	13.6	13.9
8H	13.3	13.8	13.7	14.2	14.5	12.7	13.2	13.0	13.5	13.9
12H	13.3	13.7	13.7	14.1	14.5	12.6	13.1	13.0	13.4	13.8
8H 4H	13.2	13.7	13.6	14.1	14.5	12.7	13.2	13.1	13.5	13.9
6H	13.3	13.8	13.8	14.2	14.6	12.7	13.1	13.2	13.5	14.0
8H	13.3	13.7	13.8	14.1	14.5	12.7	13.1	13.1	13.5	13.9
12H	13.3	13.6	13.7	14.0	14.5	12.6	12.9	13.1	13.4	13.9
12H 4H	13.2	13.6	13.6	14.0	14.4	12.6	13.1	13.1	13.5	13.9
6H	13.3	13.7	13.7	14.1	14.5	12.7	13.1	13.1	13.5	13.9
8H	13.3	13.6	13.7	14.0	14.5	12.6	13.0	13.1	13.4	13.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.5					+ 0.5 / - 0.6				
1.5H	+ 0.6 / - 0.3					+ 0.7 / - 0.4				
2.0H	+ 0.6 / - 0.7					+ 0.7 / - 0.6				

CIE Pub.117, 1454 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 1.3$)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.8DEG
Operators:Dinghao Lun
Test Date:2019-08-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.401
Humidity:57%
Test Distance:1.495m [K=1.0000]
Remarks: 12Vdc

Checker:

Assessor:

UTILIZATION FACTORS TABLE

Test:U:12.000V I:1.0780A P:13.000W PF:1.0000 Freq:0Hz Lamp Flux:1454.15x1 lm		
NAME: IH-F16-14W	TYPE:LED	WEIGHT:--
SPEC.:--	DIM.: --	SERIAL No.:T190827050
MFR.: 英鸿光电	SUR.:--	Shielding Angle:--

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	84	77	73	84	77	73	83	77	73	69
0.80	92	86	81	91	85	81	90	85	81	77
1.00	97	91	87	96	90	86	94	90	86	82
1.25	101	95	91	100	95	91	98	93	90	86
1.50	104	99	95	103	98	94	100	96	93	89
2.00	107	102	99	106	101	98	103	99	97	91
2.50	109	105	101	107	104	101	104	101	99	93
3.00	111	107	104	109	106	103	106	103	101	94
4.00	113	110	108	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	107	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.8DEG
Operators:Dinghao Lun
Test Date:2019-08-27

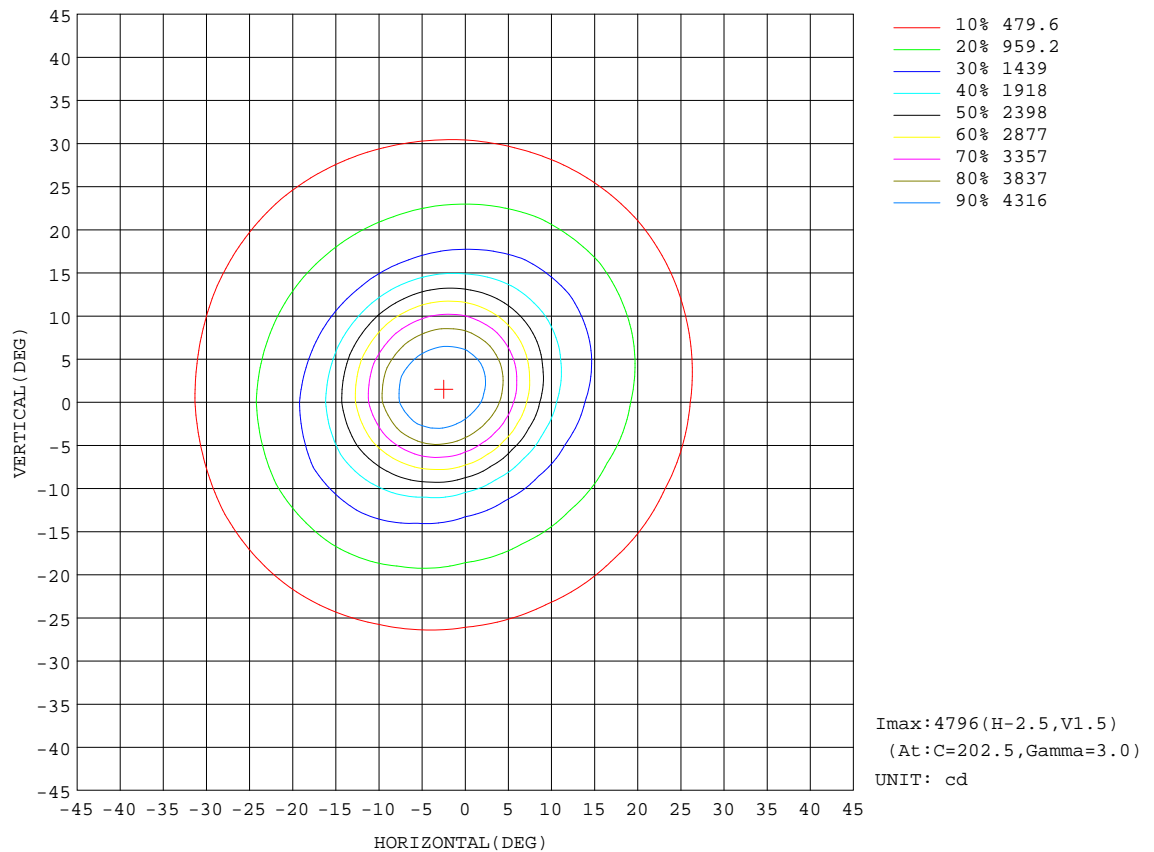
Checker:

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.401
Humidity:57%
Test Distance:1.495m [K=1.0000]
Remarks: 12Vdc

Assessor:

ISOCANDELA DIAGRAM

Test:U:12.000V I:1.0780A P:13.000W PF:1.0000 Freq:0Hz Lamp Flux:1454.15x1 lm		
NAME: IH-F16-14W	TYPE:LED	WEIGHT:--
SPEC.:--	DIM.: --	SERIAL No.:T190827050
MFR.: 英鸿光电	SUR.:--	Shielding Angle:--



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.8DEG
Operators: Dinghao Lun
Test Date: 2019-08-27

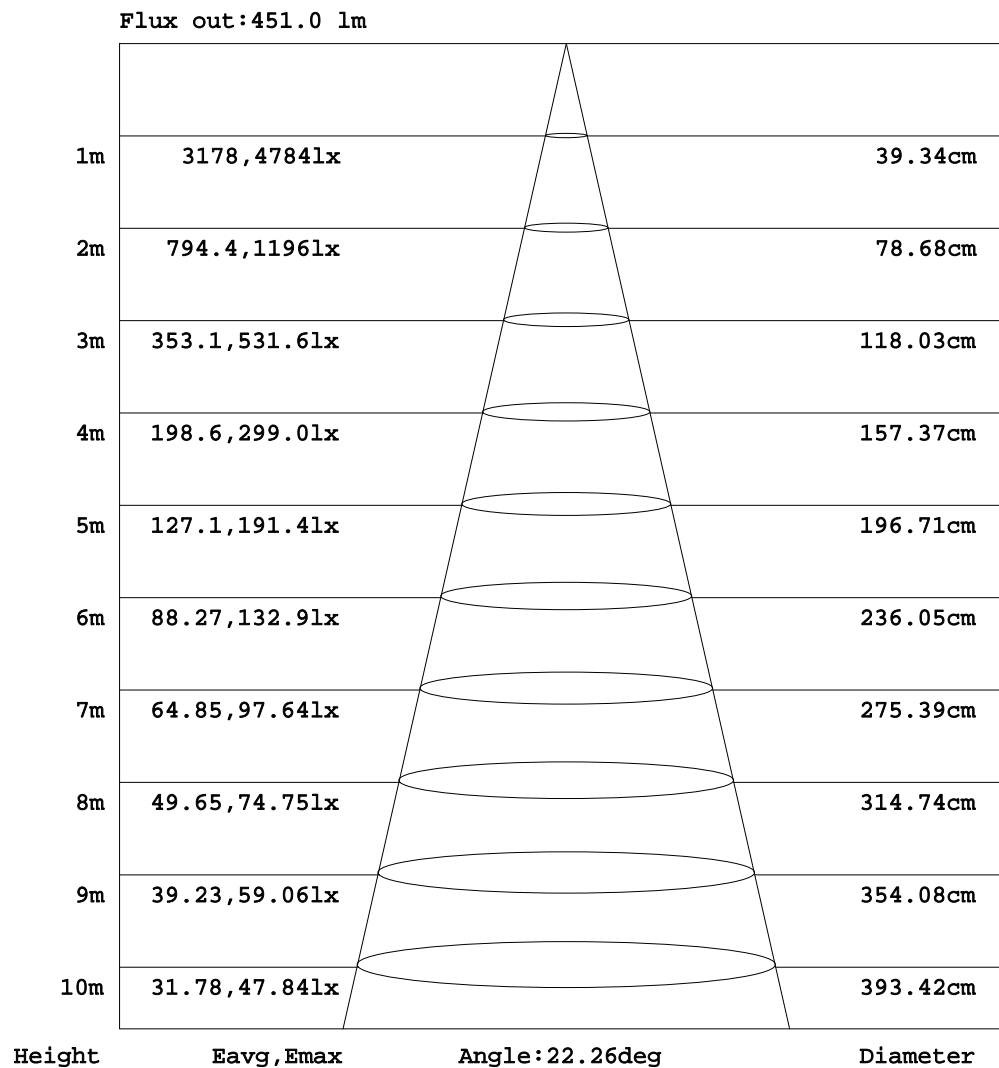
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.401
Humidity: 57%
Test Distance: 1.495m [K=1.0000]
Remarks: 12Vdc

Checker:

Assessor:

AAI Figure

Test:U:12.000V I:1.0780A P:13.000W PF:1.0000 Freq:0Hz Lamp Flux:1454.15x1 lm		
NAME: IH-F16-14W	TYPE:LED	WEIGHT:--
SPEC.:--	DIM.: --	SERIAL No.:T190827050
MFR.: 英鸿光电	SUR.:--	Shielding Angle:--



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Dinghao Lun
 Test Date:2019-08-27

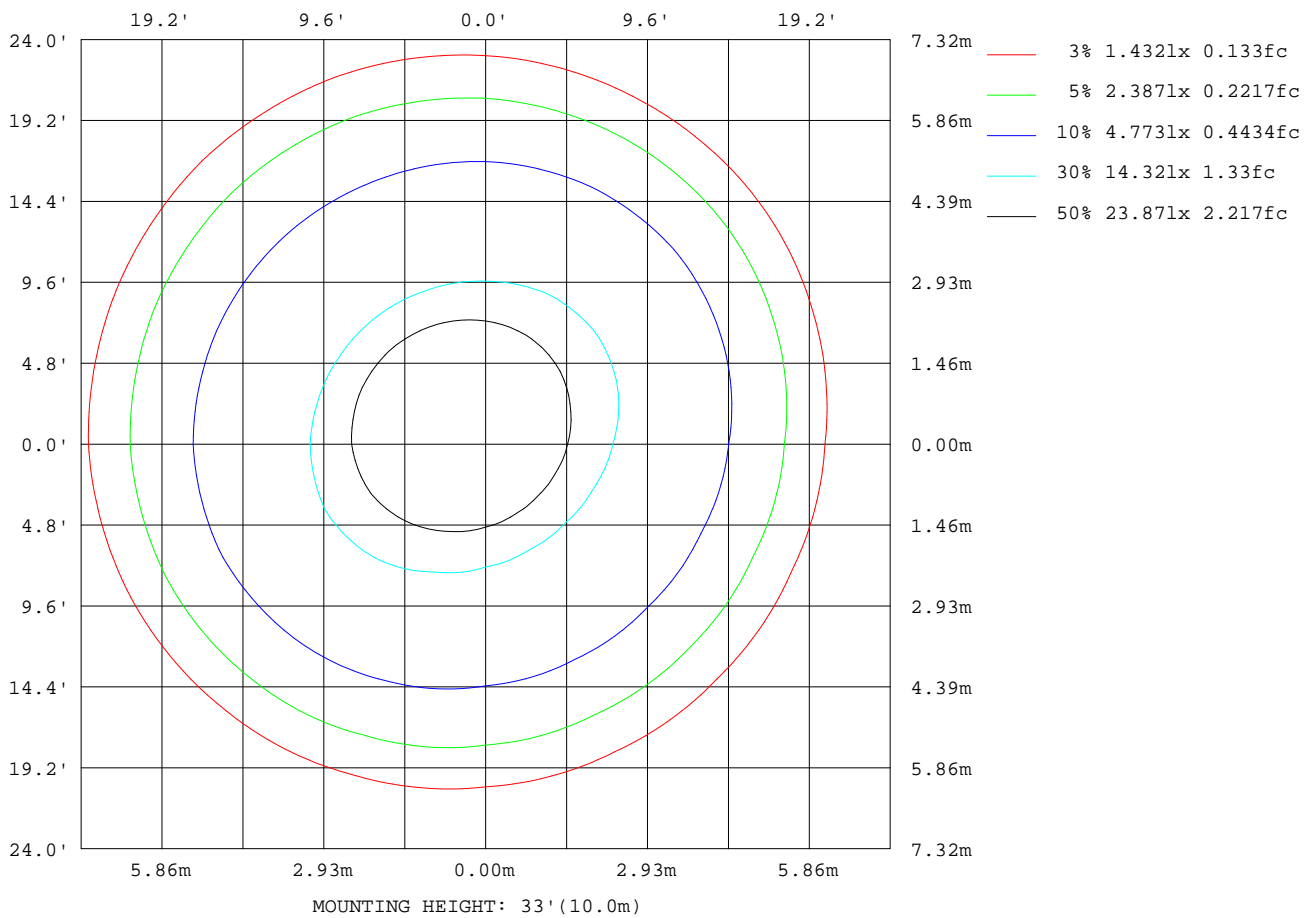
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.401
 Humidity:57%
 Test Distance:1.495m [K=1.0000]
 Remarks: 12Vdc

Checker:

Assessor:

ISOLUX DIAGRAM

Test:U:12.000V I:1.0780A P:13.000W PF:1.0000 Freq:0Hz Lamp Flux:1454.15x1 lm		
NAME: IH-F16-14W	TYPE:LED	WEIGHT:--
SPEC.:--	DIM.: --	SERIAL No.:T190827050
MFR.: 英鸿光电	SUR.:--	Shielding Angle:--



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.8DEG
Operators:Dinghao Lun
Test Date:2019-08-27

Checker:

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.401
Humidity:57%
Test Distance:1.495m [K=1.0000]
Remarks: 12Vdc

Assessor:

LED Avg.L Report

Test:U:12.000V I:1.0780A P:13.000W PF:1.0000 Freq:0Hz Lamp Flux:1454.15x1 lm		
NAME: IH-F16-14W	TYPE:LED	WEIGHT:--
SPEC.:--	DIM.: --	SERIAL No.:T190827050
MFR.: 英鸿光电	SUR.:--	Shielding Angle:--

AvgL	cd/m2
L_0~180(65)av	4313
L_0~180(75)av	2955
L_0~180(85)av	737
L_90~270(65)av	3954
L_90~270(75)av	2873
L_90~270(85)av	1208
L_45(65)av	3959
L_45(75)av	2781
L_45(85)av	911

Standard: GB/T 29293-2012

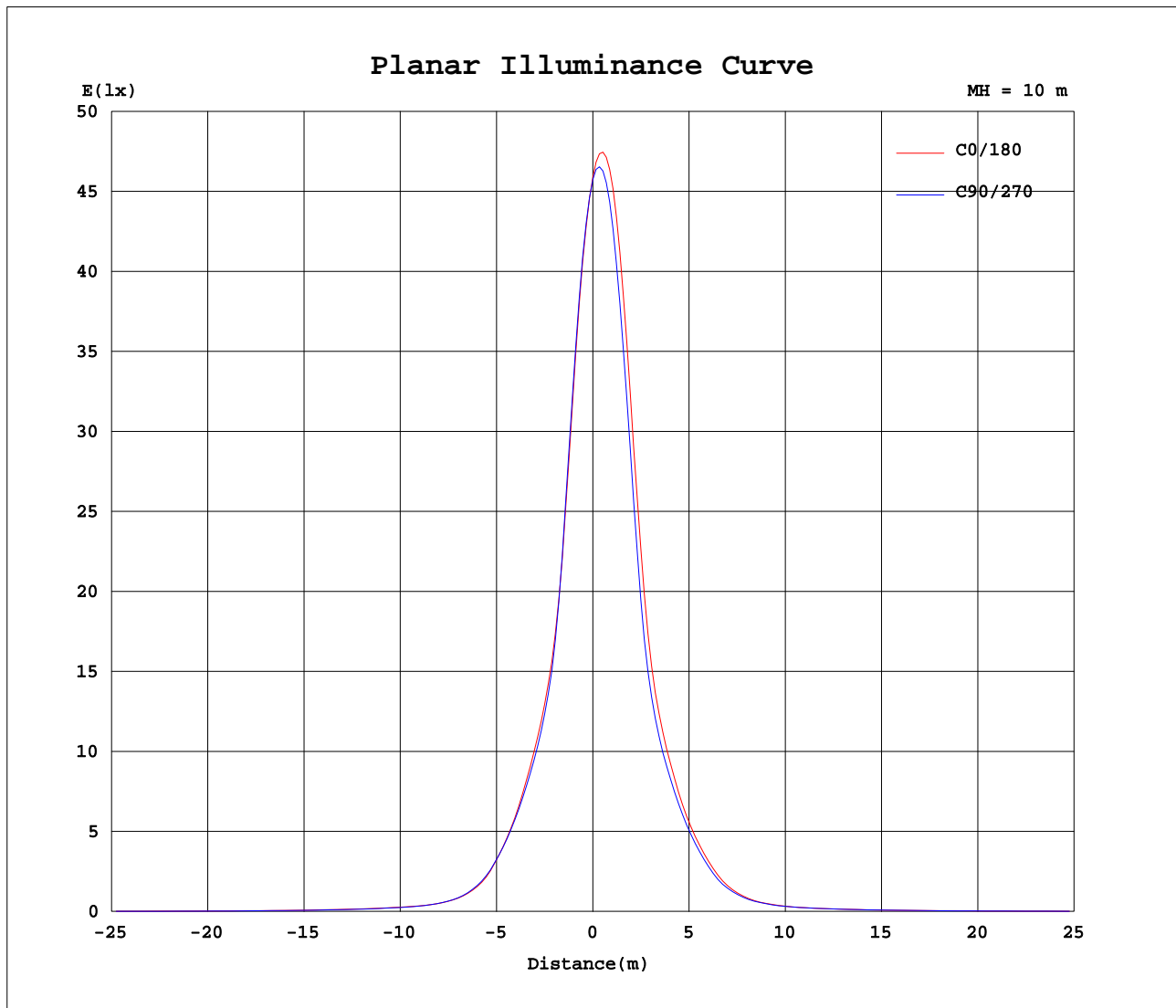
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Dinghao Lun
 Test Date:2019-08-27

Checker:

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.401
 Humidity:57%
 Test Distance:1.495m [K=1.0000]
 Remarks: 12Vdc

Assessor:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.8DEG
Operators: Dinghao Lun
Test Date: 2019-08-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.401
Humidity: 57%
Test Distance: 1.495m [K=1.0000]
Remarks: 12Vdc

Checker:

Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.000V I:1.0780A P:13.000W PF:1.0000 Freq:0Hz Lamp Flux:1454.15x1 lm		
NAME: IH-F16-14W	TYPE:LED	WEIGHT:--
SPEC.:--	DIM.: --	SERIAL No.:T190827050
MFR.: 英鸿光电	SUR.:--	Shielding Angle:--

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	4577	4577	4577	4577	4577	4577	4577	4577	4577	4577	4577	4577	4577	4577	4577	4577			
5	3533	3380	3327	3396	3589	3881	4214	4507	4679	4731	4695	4612	4489	4299	4044	3772			
10	2034	1840	1771	1823	2026	2402	2884	3374	3719	3809	3745	3590	3363	3051	2702	2335			
15	1318	1187	1139	1160	1255	1455	1754	2036	2197	2216	2142	2009	1887	1823	1704	1525			
20	889	798	772	795	858	998	1199	1342	1346	1274	1214	1185	1197	1216	1167	1043			
25	541	485	470	489	539	633	752	858	892	875	848	826	813	791	738	641			
30	280	254	249	262	292	349	435	513	557	562	552	530	503	458	403	337			
35	152	139	137	143	156	182	219	260	292	303	304	290	265	235	207	178			
40	96.7	90.6	88.4	90.5	96.0	107	121	139	151	157	160	153	143	130	123	109			
45	76.1	71.2	69.6	70.3	72.1	76.5	84.2	90.7	93.3	95.8	97.1	94.4	90.9	86.9	87.5	83.7			
50	63.2	58.5	58.2	58.3	57.9	61.7	69.1	72.9	71.2	70.8	70.8	69.9	70.3	71.4	76.4	73.1			
55	53.4	48.5	46.2	46.0	48.0	51.3	59.6	61.3	57.9	56.9	58.4	57.9	56.3	59.8	64.1	62.7			
60	43.6	39.1	36.0	35.5	38.7	41.9	46.7	50.0	48.5	46.6	46.7	47.5	46.8	51.3	49.5	47.8			
65	33.1	29.4	26.6	26.7	28.1	30.9	32.5	35.9	39.8	38.3	36.7	38.1	38.7	41.1	38.1	36.2			
70	22.3	19.6	17.4	17.5	18.5	20.0	22.6	25.7	27.7	28.3	28.2	28.8	30.0	29.7	27.0	24.3			
75	12.5	10.7	9.21	9.27	9.42	11.3	12.4	15.1	18.1	19.2	19.6	19.8	20.3	19.4	16.3	13.8			
80	4.70	3.62	2.81	2.56	3.03	3.87	4.73	6.30	9.11	10.4	11.5	11.6	11.5	10.0	7.72	5.98			
85	0.33	0.10	0.02	0.01	0.00	0.03	0.22	0.87	2.24	3.53	4.30	4.54	4.21	3.19	1.80	0.92			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.21	0.28	0.19	0.04	0.01	0.00			
95	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	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	0.01	0.01	0.01	0.01	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	0.04	0.03	0.03	0.03	0.03	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.02	0.03			
155	0.08	0.08	0.08	0.07	0.07	0.07	0.06	0.05	0.04	0.03	0.03	0.03	0.03	0.04	0.05	0.07			
160	0.14	0.14	0.14	0.14	0.13	0.12	0.10	0.09	0.08	0.08	0.07	0.07	0.07	0.08	0.10	0.12			
165	0.19	0.20	0.21	0.20	0.19	0.18	0.16	0.14	0.15	0.14	0.13	0.13	0.13	0.14	0.15	0.17			
170	0.21	0.22	0.23	0.23	0.23	0.21	0.20	0.18	0.23	0.22	0.20	0.19	0.19	0.19	0.20	0.21			
175	0.15	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.20	0.20	0.19	0.18	0.17	0.17	0.16	0.16			
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02			

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