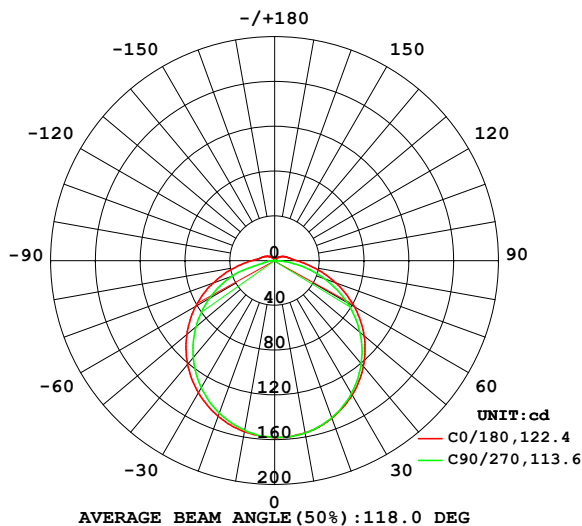


LUMINAIRE PHOTOMETRIC TEST REPORT

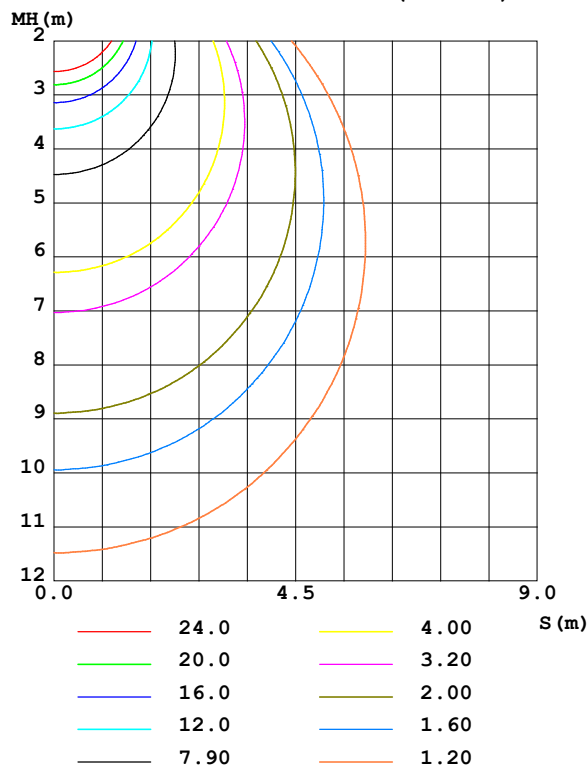
Test:U:120.06V I:0.0486A P:4.8776W PF:0.8363 Freq:59.98Hz Lamp Flux:521.593x1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 106.94 lm/W			
MODEL: VO-T5FIXW5FT1-120-3WAY-S-D		Imax (cd)	158.2	S/MH(C0/180)	1.28
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	521.59	η UP,DN(C0-180)	2.8,48.6
NOMINAL FLUX(lm)	521.593	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.6,46.0
LAMPS INSIDE	1	η up (%)	5.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down (%)	94.6	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: WXQ
Test Date: 12 March 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity: 50.0%
Test Distance: 1.153m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	156.3	156.9	156.4	155.8	155.2	154.0	153.9	155.0	0- 10	14.96	14.96	2.87,2.87
20	149.9	150.7	149.4	148.8	147.9	145.6	145.0	146.9	10- 20	43.02	57.97	11.1,11.1
30	138.7	139.9	137.1	137.0	136.4	133.0	131.2	134.3	20- 30	65.70	123.7	23.7,23.7
40	123.4	124.4	120.3	121.2	121.0	116.7	113.1	117.3	30- 40	80.27	204.0	39.1,39.1
50	104.4	105.4	99.24	101.5	102.3	97.10	91.70	96.83	40- 50	84.99	288.9	55.4,55.4
60	82.19	82.46	74.76	78.83	81.45	75.08	67.11	73.26	50- 60	79.30	368.2	70.6,70.6
70	58.05	57.42	47.24	53.92	58.48	51.48	40.59	47.85	60- 70	63.91	432.2	82.9,82.9
80	35.03	32.62	19.12	29.11	36.24	28.85	8.712	23.37	70- 80	41.23	473.4	90.8,90.8
90	19.74	15.99	1.504	11.95	20.50	14.26	0.9822	9.508	80- 90	20.03	493.4	94.6,94.6
100	13.67	10.33	0.2826	7.043	13.46	9.429	0.4106	6.182	90-100	10.13	503.5	96.5,96.5
110	10.39	7.622	0.1311	5.201	10.47	7.207	0.2392	4.287	100-110	6.991	510.5	97.9,97.9
120	7.626	5.413	0.0727	3.771	8.018	5.373	0.1263	2.854	110-120	4.863	515.4	98.8,98.8
130	5.222	3.590	0.0696	2.650	5.836	3.791	0.0829	1.746	120-130	3.133	518.5	99.4,99.4
140	3.223	2.148	0.0842	1.732	3.931	2.542	0.0780	0.7777	130-140	1.800	520.3	99.8,99.8
150	1.651	0.8718	0.1059	0.8708	2.333	1.614	0.1121	0.2110	140-150	0.8732	521.2	99.9,99.9
160	0.5357	0.3436	0.1327	0.3196	0.9319	0.7095	0.1153	0.0830	150-160	0.3133	521.5	100,100
170	0.1814	0.1653	0.1594	0.1678	0.0745	0.0939	0.0587	0.0591	160-170	0.0685	521.6	100,100
180	0.0105	0.0360	0.0295	0.0310	0.0175	0.0371	0.0333	0.0307	170-180	0.0089	521.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

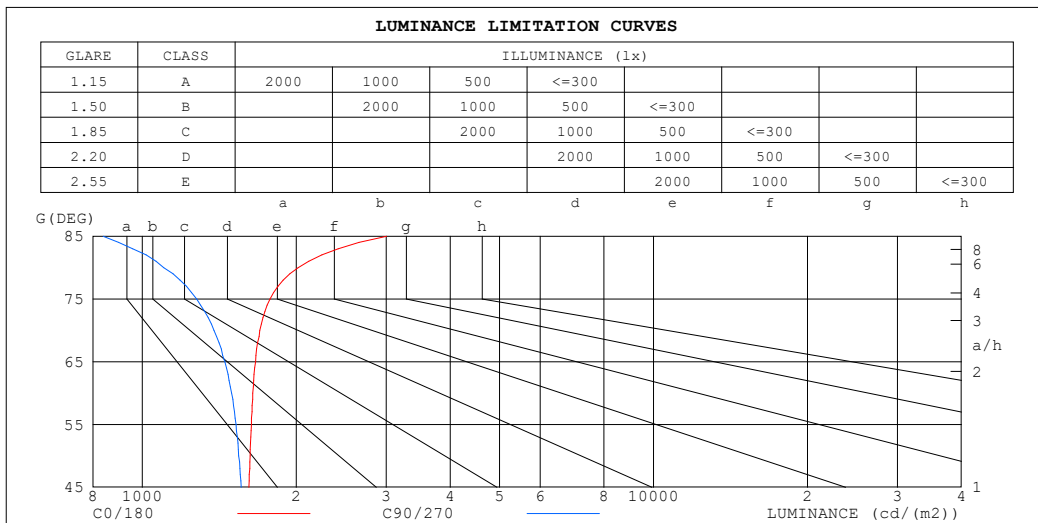
0 - 45 DEG Zonal Flux:246.51 %lum: 47.3%
 45 - 60 DEG Zonal Flux:121.74 %lum: 23.3%
 All measured values may vary less than 35 %
 from the average measured value in the 0 to 130 deg. zone: 15.5%
 All measured values in the 0 to 130 deg. zone
 may vary less than 50% from the average value of itself: 22.9%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:WXQ
 Test Date:12 March 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.463
 Humidity:50.0%
 Test Distance:1.153m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.06V I:0.0486A P:4.8776W PF:0.8363 Freq:59.98Hz Lamp Flux:521.593x1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3003	838
80	2017	1101
75	1777	1278
70	1697	1381
65	1665	1450
60	1644	1495
55	1634	1526
50	1624	1544
45	1616	1560

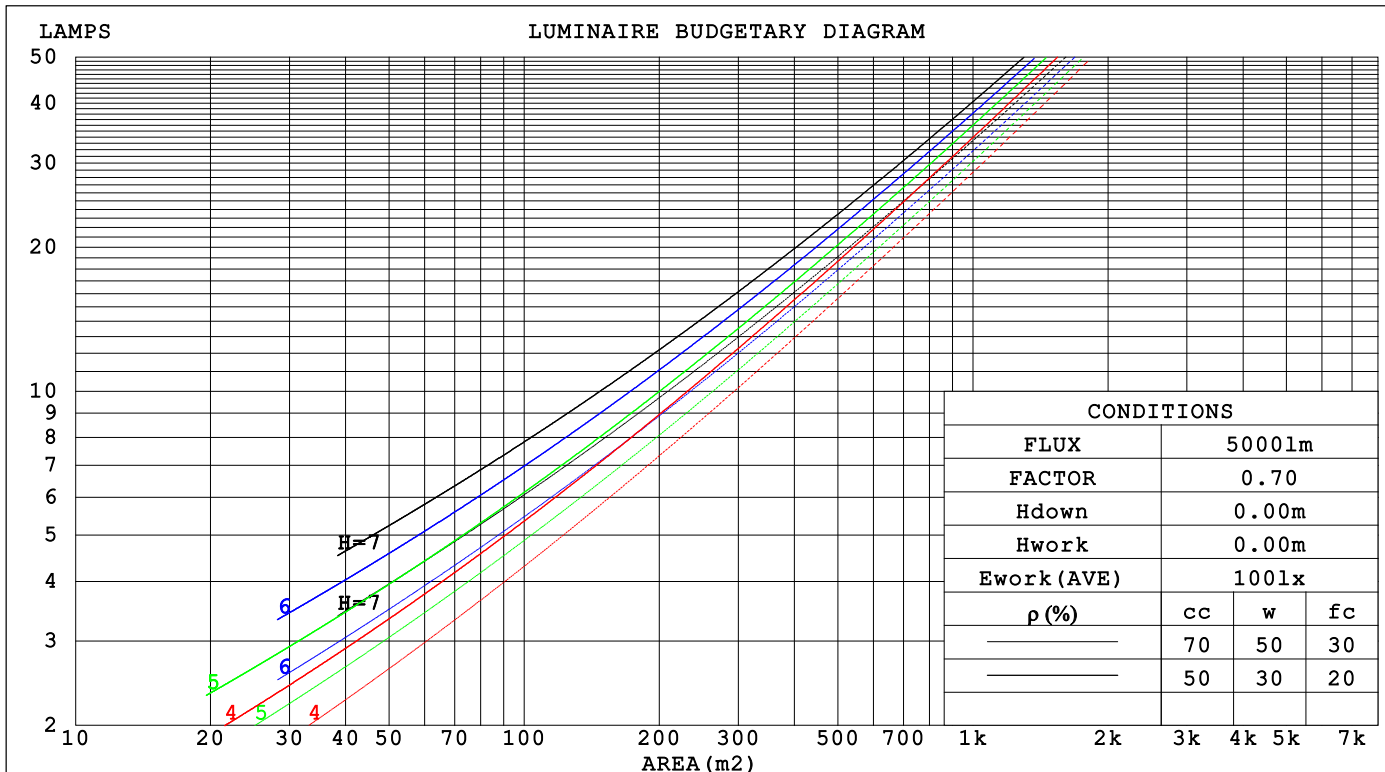
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:WXQ
Test Date:12 March 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity:50.0%
Test Distance:1.153m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.06V I:0.0486A P:4.8776W PF:0.8363 Freq:59.98Hz Lamp Flux:521.593x1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	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															



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WXQ
Test Date:12 March 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity:50.0%
Test Distance:1.153m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.06V I:0.0486A P:4.8776W PF:0.8363 Freq:59.98Hz Lamp Flux:521.593x1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	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	.337	.192	.061	.328	.187	.059	.312	.179	.057	.297	.171	.055	.283	.164	.053		
2.0	.307	.168	.052	.300	.165	.051	.285	.158	.049	.271	.152	.048	.259	.146	.046		
3.0	.280	.149	.045	.273	.146	.044	.260	.141	.043	.248	.136	.042	.237	.131	.041		
4.0	.256	.133	.039	.250	.131	.039	.238	.126	.038	.227	.122	.037	.217	.118	.036		
5.0	.235	.120	.035	.230	.118	.034	.219	.114	.034	.210	.111	.033	.200	.107	.032		
6.0	.217	.109	.031	.212	.107	.031	.203	.104	.030	.194	.101	.030	.186	.098	.029		
7.0	.202	.100	.028	.197	.098	.028	.189	.095	.027	.181	.093	.027	.173	.090	.026		
8.0	.188	.092	.026	.184	.090	.026	.176	.088	.025	.169	.085	.025	.162	.083	.024		
9.0	.176	.085	.024	.172	.084	.024	.165	.082	.023	.158	.079	.023	.152	.077	.022		
10.0	.165	.079	.022	.162	.078	.022	.155	.076	.021	.149	.074	.021	.143	.072	.021		

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	.232	.232	.232	.198	.198	.198	.135	.135	.135	.078	.078	.078	.025	.025	.025		
1.0	.224	.197	.174	.191	.169	.150	.131	.117	.103	.075	.067	.060	.024	.022	.019		
2.0	.216	.174	.138	.185	.149	.119	.127	.103	.083	.073	.060	.049	.023	.019	.016		
3.0	.208	.156	.115	.179	.135	.100	.123	.094	.070	.071	.055	.041	.023	.018	.013		
4.0	.201	.143	.099	.172	.124	.086	.118	.086	.061	.069	.051	.036	.022	.016	.012		
5.0	.193	.133	.089	.166	.115	.077	.114	.080	.055	.066	.047	.032	.021	.015	.011		
6.0	.186	.125	.081	.160	.108	.071	.110	.076	.050	.064	.045	.030	.021	.015	.010		
7.0	.179	.118	.075	.154	.102	.066	.106	.072	.047	.062	.042	.028	.020	.014	.009		
8.0	.172	.112	.071	.148	.097	.062	.103	.068	.044	.060	.040	.026	.019	.013	.009		
9.0	.166	.107	.068	.143	.093	.059	.099	.066	.042	.058	.039	.025	.019	.013	.008		
10.0	.161	.103	.065	.138	.090	.057	.096	.063	.040	.056	.037	.024	.018	.012	.008		

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:WXQ

Test Date:12 March 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.463

Humidity:50.0%

Test Distance:1.153m [K=1.0000]

Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.06V I:0.0486A P:4.8776W PF:0.8363 Freq:59.98Hz Lamp Flux:521.593x1 lm										
NAME: VO-T5FIXW5FT1-120-3WAY-S-D					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.: 123-1697		
MFR.: HI-LIGHT					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	16.8	18.3	17.1	18.6	18.9	16.5	17.9	16.8	18.2	18.6
3H	18.6	20.0	19.0	20.3	20.7	18.1	19.4	18.4	19.8	20.1
4H	19.5	20.8	19.9	21.2	21.5	18.7	20.0	19.1	20.3	20.7
6H	20.4	21.6	20.8	22.0	22.4	19.1	20.3	19.5	20.7	21.1
8H	20.8	22.0	21.2	22.4	22.8	19.2	20.4	19.7	20.8	21.2
12H	21.2	22.4	21.7	22.8	23.2	19.3	20.4	19.7	20.8	21.3
4H 2H	17.5	18.8	17.8	19.1	19.5	17.2	18.5	17.6	18.9	19.2
3H	19.5	20.7	19.9	21.1	21.5	19.0	20.2	19.5	20.6	21.0
4H	20.5	21.6	21.0	22.0	22.5	19.8	20.8	20.3	21.3	21.7
6H	21.6	22.5	22.0	22.9	23.4	20.4	21.3	20.9	21.8	22.3
8H	22.1	22.9	22.6	23.4	23.9	20.6	21.5	21.1	21.9	22.4
12H	22.7	23.5	23.2	23.9	24.5	20.7	21.5	21.2	22.0	22.5
8H 4H	20.9	21.8	21.4	22.2	22.7	20.3	21.1	20.8	21.6	22.1
6H	22.1	22.9	22.7	23.4	23.9	21.1	21.8	21.6	22.3	22.9
8H	22.8	23.5	23.4	24.0	24.6	21.4	22.1	22.0	22.6	23.2
12H	23.6	24.2	24.2	24.7	25.3	21.7	22.2	22.2	22.8	23.4
12H 4H	20.9	21.7	21.4	22.2	22.7	20.3	21.1	20.8	21.6	22.1
6H	22.3	22.9	22.8	23.4	24.0	21.3	21.9	21.8	22.4	23.0
8H	23.0	23.6	23.6	24.1	24.7	21.7	22.3	22.3	22.8	23.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 521.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.3)
Area: 0.1 m2

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:WXQ

Test Date:12 March 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.463

Humidity:50.0%

Test Distance:1.153m [K=1.0000]

Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.06V I:0.0486A P:4.8776W PF:0.8363 Freq:59.98Hz Lamp Flux:521.593x1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	SUR.:	Shielding Angle:

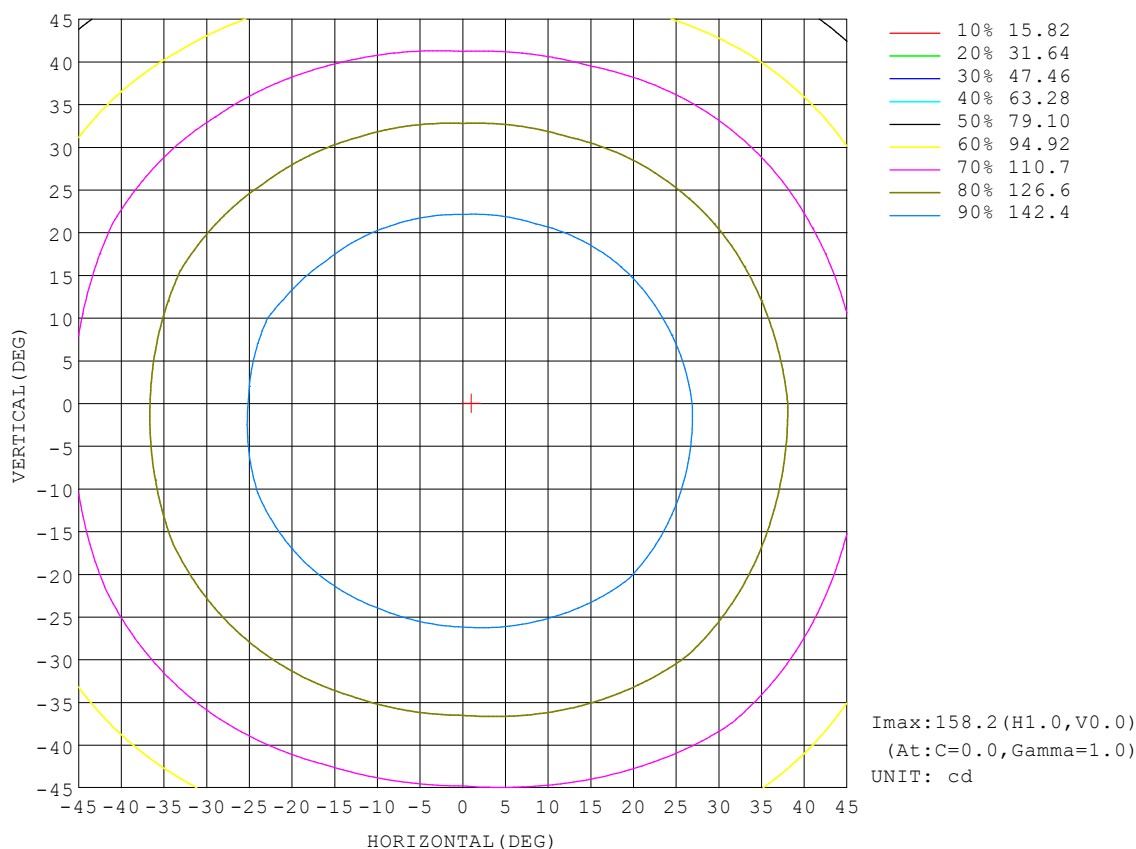
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	54	42	35	53	42	35	52	41	35	28
0.80	64	52	44	63	51	44	61	50	43	36
1.00	72	60	53	71	60	52	68	61	52	44
1.25	79	68	60	77	67	60	74	65	59	51
1.50	84	74	66	82	72	65	79	70	64	56
2.00	91	82	75	89	80	74	85	78	72	63
2.50	95	87	80	93	85	79	88	82	77	67
3.00	99	91	85	96	89	84	91	86	81	71
4.00	103	97	91	100	95	90	95	90	86	76
5.00	106	100	96	103	98	94	97	93	90	79
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: 25.3°C
Operators: WXQ
Test Date: 12 March 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity: 50.0%
Test Distance: 1.153m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.06V I:0.0486A P:4.8776W PF:0.8363 Freq:59.98Hz Lamp Flux:521.593x1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	SUR.:	Shielding Angle:

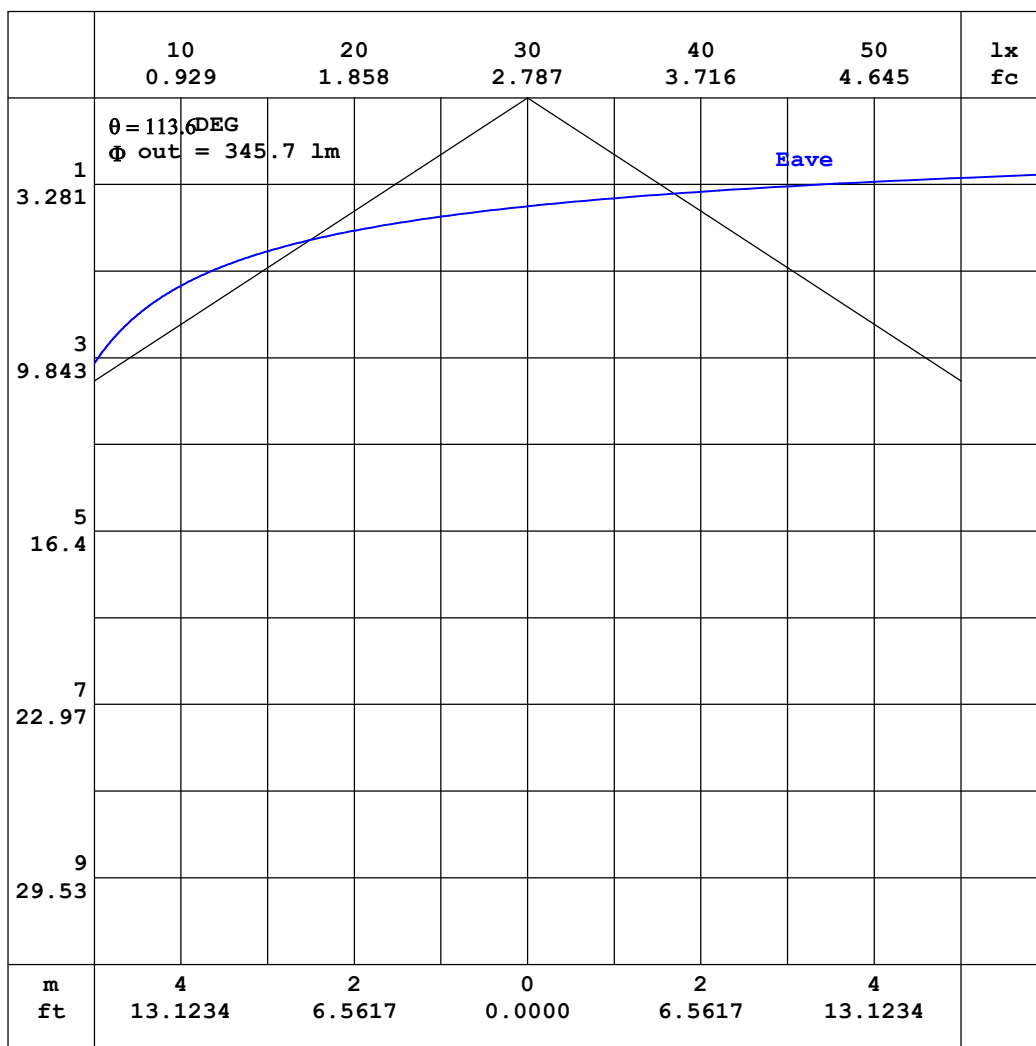


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: WXQ
Test Date: 12 March 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity: 50.0%
Test Distance: 1.153m [K=1.0000]
Remarks:

AAI CURVES

Test:U:120.06V I:0.0486A P:4.8776W PF:0.8363 Freq:59.98Hz Lamp Flux:521.593x1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	SUR.:	Shielding Angle:



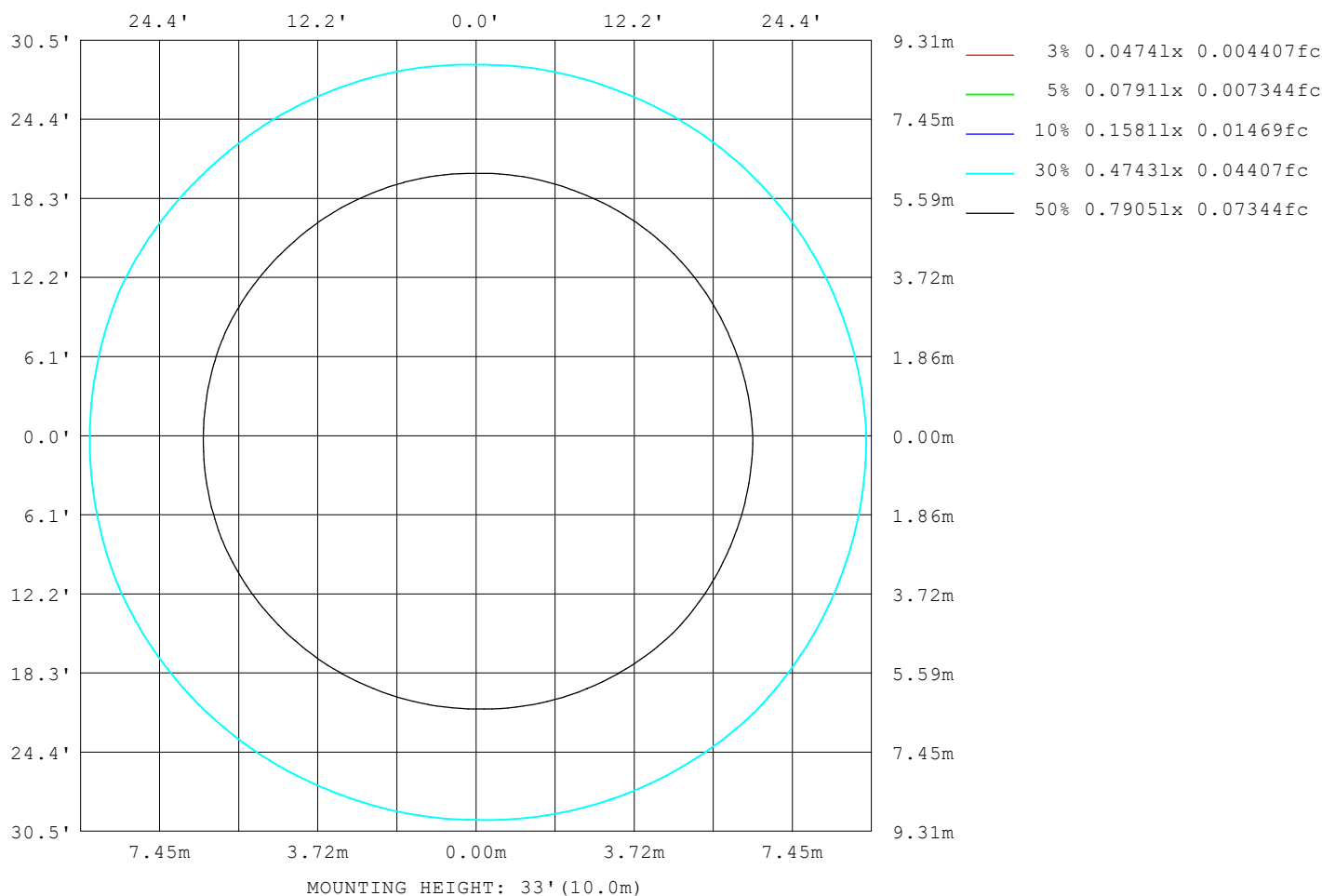
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: WXQ
Test Date: 12 March 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity: 50.0%
Test Distance: 1.153m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.06V I:0.0486A P:4.8776W PF:0.8363 Freq:59.98Hz Lamp Flux:521.593x1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity:50.0%
Test Distance:1.153m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.06V I:0.0486A P:4.8776W PF:0.8363 Freq:59.98Hz Lamp Flux:521.593x1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	SUR.:	Shielding Angle:

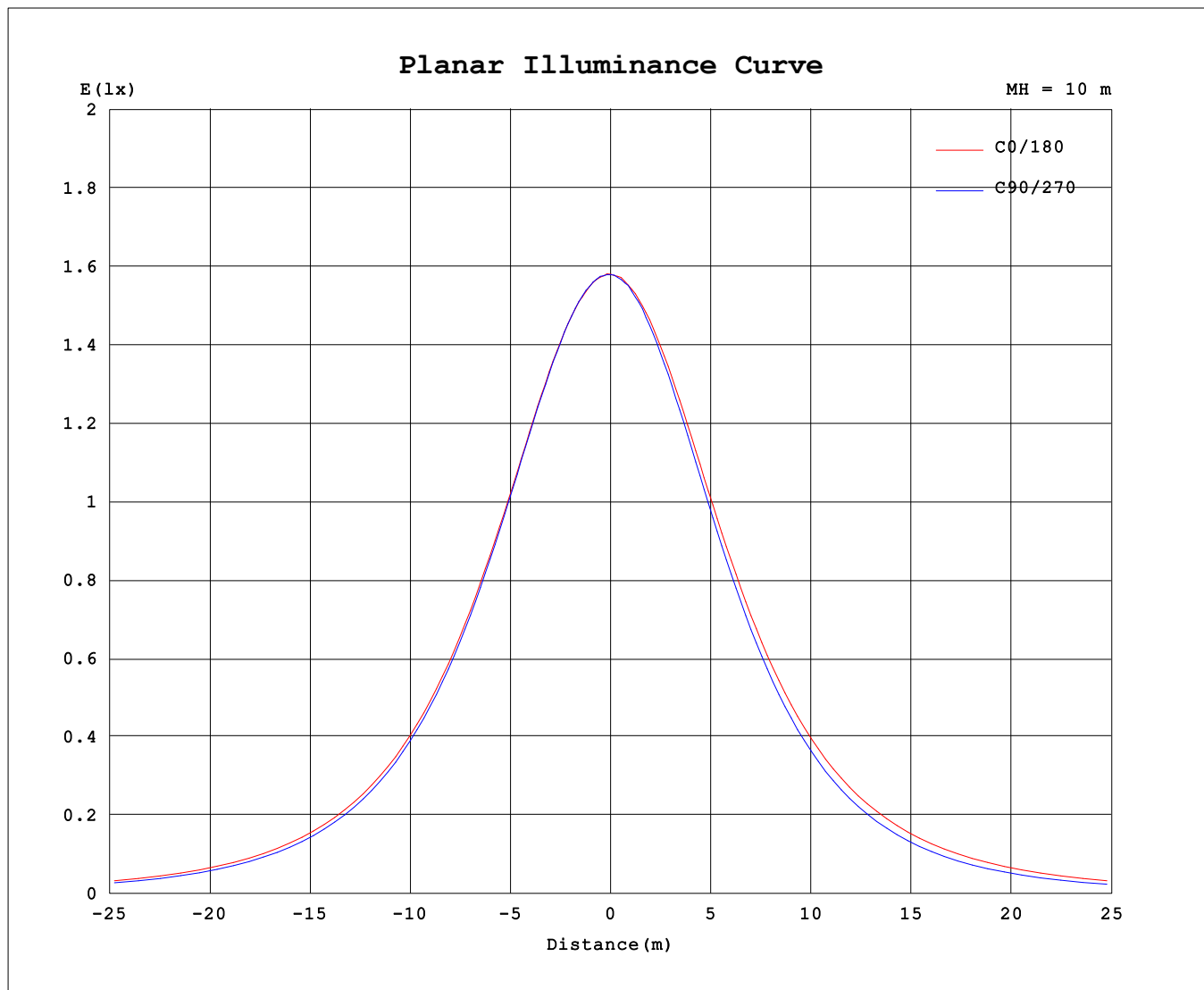
AvgL	cd/m2
L_0~180 (65) av	1663
L_0~180 (75) av	1797
L_0~180 (85) av	3066
L_90~270 (65) av	1364
L_90~270 (75) av	1007
L_90~270 (85) av	667
L_45 (65) av	1544
L_45 (75) av	1553
L_45 (85) av	2189

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WXQ
Test Date:12 March 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity:50.0%
Test Distance:1.153m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: WXQ
Test Date: 12 March 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity: 50.0%
Test Distance: 1.153m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.06V I:0.0486A P:4.8776W PF:0.8363 Freq:59.98Hz Lamp Flux:521.593x1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	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	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158			
5	158	158	158	158	158	158	158	157	157	157	157	156	157	157	157	157			
10	156	157	157	157	156	156	156	156	155	155	154	154	154	154	155	156			
15	154	154	154	154	153	153	153	153	152	152	151	150	150	151	151	153			
20	150	150	151	150	149	149	149	149	148	147	146	145	145	145	147	148			
25	145	145	146	145	144	143	144	144	143	142	140	139	139	139	141	143			
30	139	139	140	138	137	137	137	137	136	136	133	132	131	132	134	136			
35	131	132	133	131	129	129	130	130	129	128	125	124	123	124	126	129			
40	123	124	124	122	120	120	121	122	121	120	117	115	113	114	117	120			
45	114	115	115	113	110	110	112	113	112	111	107	105	103	104	108	111			
50	104	105	105	102	99.2	99.4	101	103	102	102	97.1	94.0	91.7	93.0	96.8	101			
55	93.7	94.1	94.3	90.9	87.5	87.7	90.5	92.7	92.3	91.2	86.4	82.8	79.8	81.1	85.5	89.4			
60	82.2	82.5	82.5	78.7	74.8	75.3	78.8	81.7	81.5	80.3	75.1	70.9	67.1	68.5	73.3	77.8			
65	70.4	70.4	70.2	65.8	61.3	62.3	66.6	70.2	70.2	69.0	63.5	58.6	54.1	55.4	60.7	65.6			
70	58.0	58.0	57.4	52.3	47.2	48.8	53.9	58.3	58.5	57.5	51.5	46.0	40.6	41.8	47.9	53.0			
75	46.0	45.9	44.6	38.9	33.1	35.0	41.3	46.2	47.0	46.0	39.7	33.5	19.1	28.4	35.1	40.8			
80	35.0	34.7	32.6	26.0	19.1	21.8	29.1	34.9	36.2	35.2	28.8	21.9	8.71	15.9	23.4	29.8			
85	26.2	25.7	22.7	15.4	7.30	10.5	18.9	25.2	27.3	26.2	20.1	12.7	4.33	6.30	14.5	21.4			
90	19.7	19.4	16.0	8.79	1.50	3.99	12.0	18.2	20.5	19.6	14.3	7.62	0.98	2.43	9.51	15.6			
95	15.8	15.4	12.2	6.18	0.49	2.33	8.47	13.8	16.0	15.3	11.0	5.67	0.57	1.59	7.41	12.5			
100	13.7	13.3	10.3	5.00	0.28	1.76	7.04	11.5	13.5	12.8	9.43	4.74	0.41	1.13	6.18	10.8			
105	12.0	11.6	8.88	4.10	0.19	1.40	6.05	10.0	11.8	11.3	8.25	3.99	0.31	0.82	5.18	9.37			
110	10.4	10.1	7.62	3.34	0.13	1.13	5.20	8.82	10.5	9.98	7.21	3.38	0.24	0.60	4.29	8.07			
115	8.96	8.67	6.48	2.69	0.10	0.92	4.44	7.70	9.20	8.75	6.25	2.85	0.18	0.44	3.52	6.87			
120	7.63	7.36	5.41	2.16	0.07	0.76	3.77	6.66	8.02	7.61	5.37	2.40	0.13	0.31	2.85	5.76			
125	6.37	6.14	4.45	1.70	0.07	0.60	3.18	5.71	6.89	6.53	4.55	1.99	0.11	0.21	2.27	4.74			
130	5.22	5.01	3.59	1.32	0.07	0.45	2.65	4.83	5.84	5.53	3.79	1.64	0.08	0.13	1.75	3.79			
135	4.18	4.00	2.82	0.96	0.07	0.25	2.18	4.00	4.85	4.59	3.13	1.34	0.08	0.10	1.28	2.94			
140	3.22	3.09	2.15	0.68	0.08	0.23	1.73	3.26	3.93	3.74	2.54	1.09	0.08	0.09	0.78	2.16			
145	2.38	2.27	1.55	0.46	0.10	0.18	1.27	2.57	3.10	2.98	2.05	0.85	0.09	0.08	0.47	1.46			
150	1.65	1.57	0.87	0.30	0.11	0.13	0.87	1.94	2.33	2.28	1.61	0.70	0.11	0.08	0.21	0.73			
155	0.93	0.83	0.62	0.19	0.12	0.13	0.52	1.29	1.64	1.64	1.16	0.53	0.12	0.09	0.12	0.38			
160	0.54	0.51	0.34	0.15	0.13	0.14	0.32	0.79	0.93	0.94	0.71	0.35	0.12	0.08	0.08	0.15			
165	0.26	0.25	0.20	0.15	0.15	0.15	0.19	0.39	0.38	0.39	0.32	0.17	0.09	0.08	0.08	0.08			
170	0.18	0.18	0.17	0.16	0.16	0.16	0.17	0.19	0.07	0.09	0.09	0.08	0.06	0.06	0.06	0.06			
175	0.14	0.13	0.14	0.13	0.13	0.13	0.13	0.14	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03			
180	0.01	0.00	0.04	0.03	0.03	0.03	0.03	0.04	0.02	0.02	0.04	0.04	0.03	0.03	0.03	0.03			

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C Interval: 22.5DEG

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γ Range: 0 - 180DEG

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