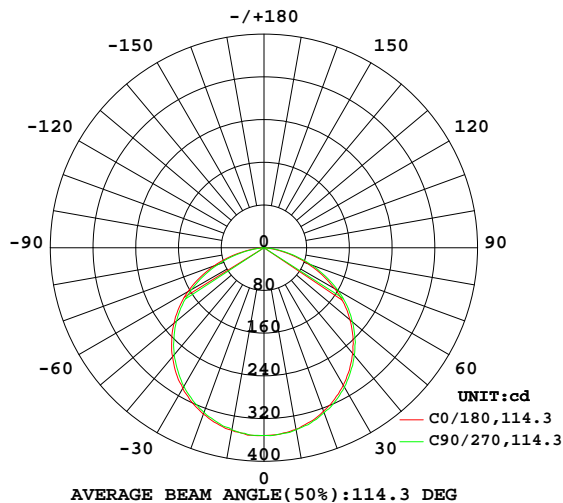


LUMINAIRE PHOTOMETRIC TEST REPORT

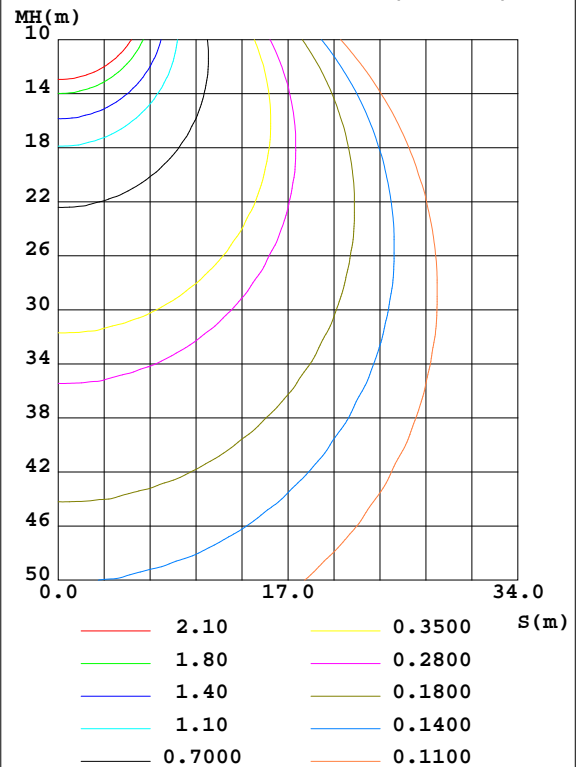
Test:U:120.0V I:0.0978A P:11.53W PF:0.9825 Lamp Flux:1005.32x1 lm		
NAME: LED recessed downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: OUMEIDA	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 87.19 lm/W			
MODEL	SZ2220802-35069E-EE	I _{max} (cd)	353.1	S/MH(C0/180)	1.26
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1005.3	η UP,DN(C0-180)	0.1,50.0
NOMINAL FLUX(lm)	1005.32	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.9
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	99.9	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:24.9DEG
Operators:Carl
Test Date:2022-08-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:45%
Test Distance:2.532m [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	347.0	346.2	346.5	345.2	345.4	344.1	345.9	346.6	0- 10	33.31	33.31	3.31,3.31
20	331.8	329.1	328.1	326.9	325.8	326.9	329.0	330.5	10- 20	95.61	128.9	12.8,12.8
30	304.3	301.5	299.9	297.9	296.9	298.6	301.4	303.1	20- 30	145.6	274.5	27.3,27.3
40	266.4	264.8	261.7	259.9	258.7	260.3	263.0	266.1	30- 40	176.7	451.2	44.9,44.9
50	220.2	216.8	214.2	212.3	210.1	213.0	216.1	218.4	40- 50	185.0	636.2	63.3,63.3
60	164.4	161.0	157.2	154.9	152.6	156.6	160.2	162.6	50- 60	168.1	804.3	80,80
70	99.40	95.61	91.34	89.76	87.40	90.59	94.63	96.69	60- 70	124.7	929.0	92.4,92.4
80	35.03	31.36	28.49	27.64	26.55	28.80	31.94	33.88	70- 80	64.19	993.2	98.8,98.8
90	0.2337	0.0797	0.0601	0.0585	0.0163	0.0160	0.1316	0.1734	80- 90	10.88	1004	99.9,99.9
100	0.0851	0.0874	0.0901	0.0922	0.0380	0.0373	0.0343	0.0341	90-100	0.0557	1004	99.9,99.9
110	0.1131	0.1152	0.1179	0.1194	0.0708	0.0696	0.0662	0.0651	100-110	0.0810	1004	99.9,99.9
120	0.1546	0.1570	0.1598	0.1611	0.1169	0.1146	0.1112	0.1080	110-120	0.1108	1004	99.9,99.9
130	0.2384	0.2408	0.2428	0.2439	0.1679	0.1655	0.1620	0.1604	120-130	0.1489	1004	99.9,99.9
140	0.3849	0.3867	0.3907	0.3911	0.2165	0.2138	0.2112	0.2094	130-140	0.1906	1005	99.9,99.9
150	0.5814	0.5806	0.5833	0.5858	0.2648	0.2624	0.2627	0.2608	140-150	0.2273	1005	100,100
160	0.7217	0.7215	0.7232	0.7249	0.3404	0.3416	0.3392	0.3368	150-160	0.2214	1005	100,100
170	0.6791	0.6783	0.6783	0.6780	0.4098	0.4103	0.4096	0.4065	160-170	0.1535	1005	100,100
180	0.5709	0.5672	0.5718	0.5667	0.5708	0.5679	0.5686	0.5689	170-180	0.0530	1005	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 544.25 lm

%lum = 54.1%

%lamp = 54.1%

Conical surface Flux(120deg): 804.28 lm

%lum = 80.0%

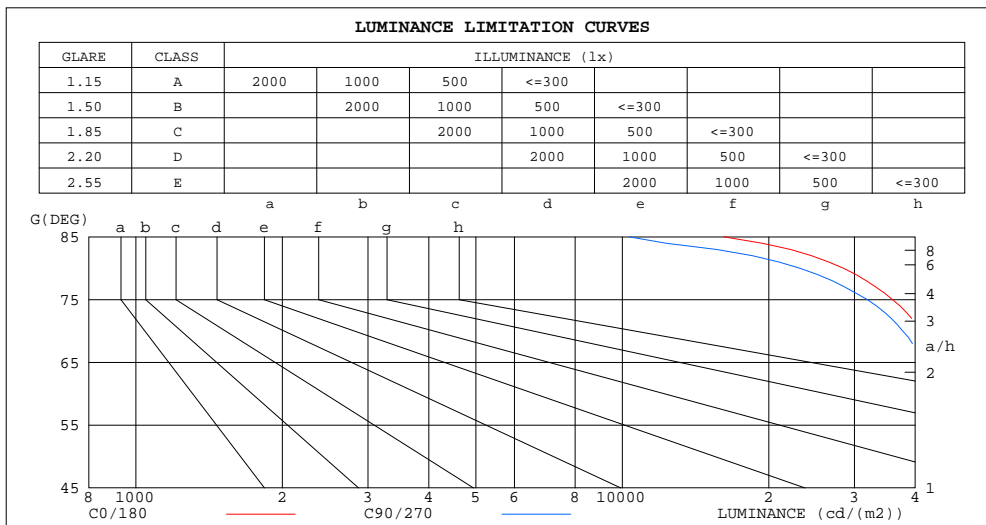
%lamp = 80.0%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:Carl
 Test Date:2022-08-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.532m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.0978A P:11.53W PF:0.9825 Lamp Flux:1005.32x1 lm		
NAME: LED recessed downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: OUMEIDA	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	16162	10325
80	28466	23159
75	35898	31873
70	41010	37698
65	44340	41723
60	46406	44370
55	47659	45872
50	48339	47030
45	48770	47589

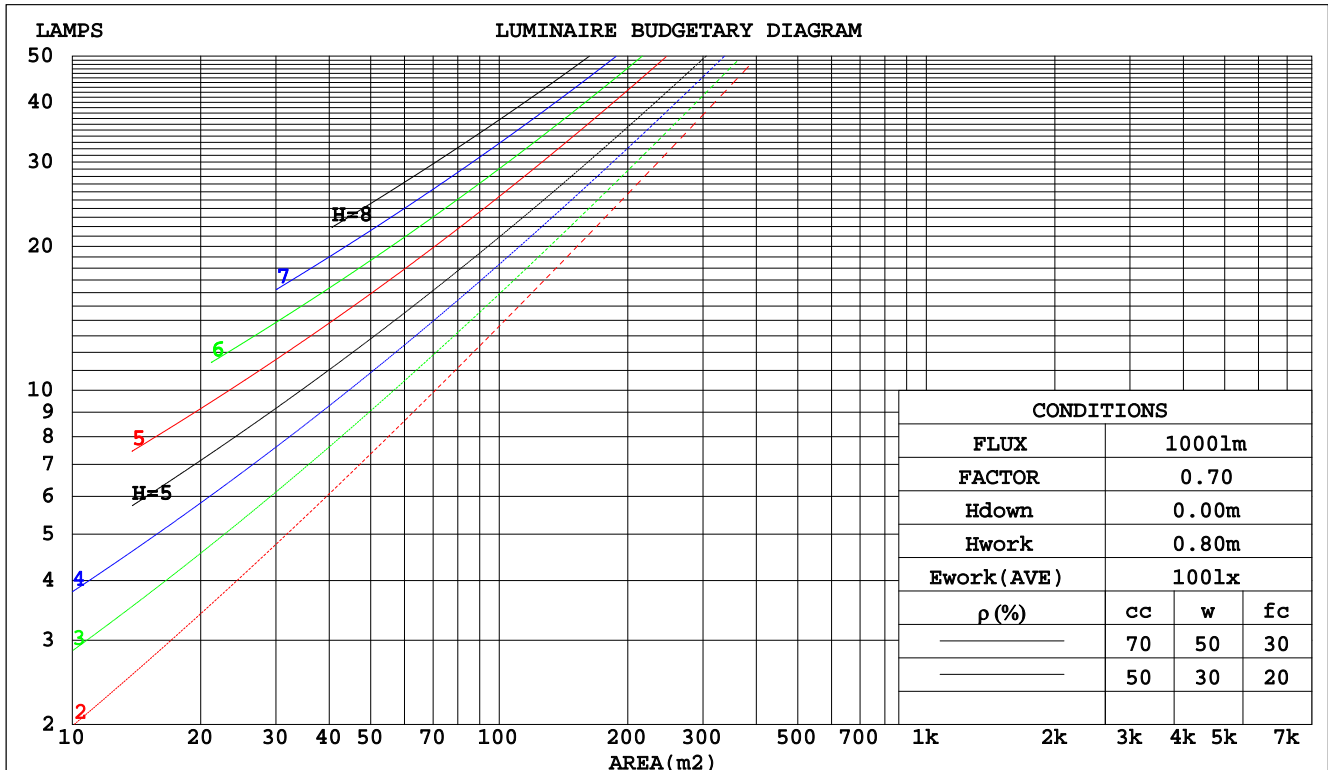
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.9DEG
Operators:Carl
Test Date:2022-08-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:45%
Test Distance:2.532m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.0978A P:11.53W PF:0.9825 Lamp Flux:1005.32x1 lm		
NAME: LED recessed downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: OUMEIDA	SUR.:N/A	Shielding Angle:N/A

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	1.04	1.00	.96	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.79	.89	.83	.78	.86	.80	.76	.82	.78	.74	.79	.76	.72	.70
3.0	.80	.72	.65	.78	.71	.65	.75	.69	.64	.73	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.57	.53	.50
5.0	.63	.54	.47	.62	.54	.47	.60	.52	.47	.58	.51	.46	.56	.50	.46	.44
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.46	.40	.51	.45	.40	.38
7.0	.51	.43	.36	.51	.42	.36	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.38	.33	.46	.38	.32	.45	.37	.32	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.26	.39	.32	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.9DEG
 Operators: Carl
 Test Date: 2022-08-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 45%
 Test Distance: 2.532m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.0978A P:11.53W PF:0.9825 Lamp Flux:1005.32x1 lm								
NAME: LED recessed downlight				TYPE:N/A			WEIGHT:N/A	
SPEC.:N/A				DIM.: N/A			SERIAL No.:N/A	
MFR.: OUMEIDA				SUR.:N/A			Shielding Angle:N/A	

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	.299	.170	.054	.292	.167	.053	.279	.160	.051	.267	.154	.049	.255	.148	.048	
2.0	.286	.157	.048	.280	.154	.047	.268	.149	.046	.257	.144	.045	.247	.140	.044	
3.0	.266	.142	.042	.261	.140	.042	.251	.136	.041	.241	.132	.040	.232	.128	.040	
4.0	.247	.128	.038	.242	.127	.037	.233	.123	.037	.224	.120	.036	.216	.118	.036	
5.0	.229	.117	.034	.224	.115	.034	.216	.113	.033	.209	.110	.033	.202	.108	.032	
6.0	.213	.107	.031	.209	.105	.030	.201	.103	.030	.195	.101	.030	.188	.099	.029	
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.176	.092	.027	
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.174	.084	.023	.171	.083	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.022	.152	.075	.021	.147	.074	.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	.191	.191	.191	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.181	.157	.136	.154	.135	.117	.106	.093	.081	.061	.054	.047	.019	.017	.015	
2.0	.172	.133	.100	.148	.114	.086	.101	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.165	.115	.076	.141	.099	.066	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.157	.102	.060	.135	.088	.052	.093	.061	.036	.054	.036	.022	.017	.012	.007	
5.0	.150	.091	.048	.129	.079	.042	.089	.055	.030	.051	.032	.018	.017	.011	.006	
6.0	.143	.083	.040	.123	.072	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005	
7.0	.136	.076	.034	.117	.066	.030	.081	.046	.021	.047	.027	.013	.015	.009	.004	
8.0	.130	.070	.030	.112	.061	.026	.077	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.124	.066	.026	.107	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.118	.061	.023	.102	.053	.020	.071	.037	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.9DEG
Operators:Carl
Test Date:2022-08-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:45%
Test Distance:2.532m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.0978A P:11.53W PF:0.9825 Lamp Flux:1005.32x1 lm										
NAME: LED recessed downlight					TYPE:N/A			WEIGHT:N/A		
SPEC.:N/A					DIM.: N/A			SERIAL No.:N/A		
MFR.: OUMEIDA					SUR.:N/A			Shielding Angle:N/A		
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	26.4	28.0	26.7	28.2	28.4	26.3	27.8	26.5	28.0	28.2
3H	27.9	29.3	28.2	29.6	29.8	27.7	29.1	28.0	29.3	29.5
4H	28.4	29.8	28.8	30.0	30.3	28.1	29.5	28.4	29.7	30.0
6H	28.8	30.0	29.1	30.3	30.6	28.4	29.6	28.7	29.9	30.2
8H	28.8	30.0	29.2	30.3	30.6	28.4	29.6	28.7	29.9	30.2
12H	28.8	30.0	29.2	30.3	30.6	28.4	29.5	28.7	29.8	30.1
4H 2H	27.0	28.4	27.3	28.6	28.9	26.9	28.2	27.2	28.5	28.7
3H	28.7	29.8	29.0	30.1	30.4	28.4	29.6	28.8	29.9	30.2
4H	29.3	30.4	29.7	30.7	31.0	29.0	30.1	29.4	30.4	30.7
6H	29.7	30.6	30.1	31.0	31.4	29.3	30.3	29.7	30.6	31.0
8H	29.8	30.7	30.2	31.0	31.4	29.4	30.3	29.8	30.6	31.0
12H	29.8	30.6	30.3	31.0	31.4	29.4	30.2	29.8	30.6	31.0
8H 4H	29.5	30.4	29.9	30.7	31.1	29.2	30.1	29.6	30.5	30.9
6H	30.0	30.7	30.4	31.1	31.6	29.7	30.4	30.1	30.8	31.2
8H	30.1	30.8	30.6	31.2	31.7	29.7	30.4	30.2	30.8	31.3
12H	30.2	30.8	30.7	31.2	31.7	29.8	30.3	30.2	30.8	31.2
12H 4H	29.5	30.3	29.9	30.7	31.1	29.2	30.0	29.7	30.4	30.8
6H	30.0	30.6	30.5	31.1	31.5	29.7	30.3	30.1	30.7	31.2
8H	30.2	30.7	30.7	31.2	31.7	29.8	30.3	30.3	30.8	31.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 1005 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.0)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.9DEG
Operators:Carl
Test Date:2022-08-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:45%
Test Distance:2.532m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.0978A P:11.53W PF:0.9825 Lamp Flux:1005.32x1 lm		
NAME: LED recessed downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: OUMEIDA	SUR.:N/A	Shielding Angle:N/A

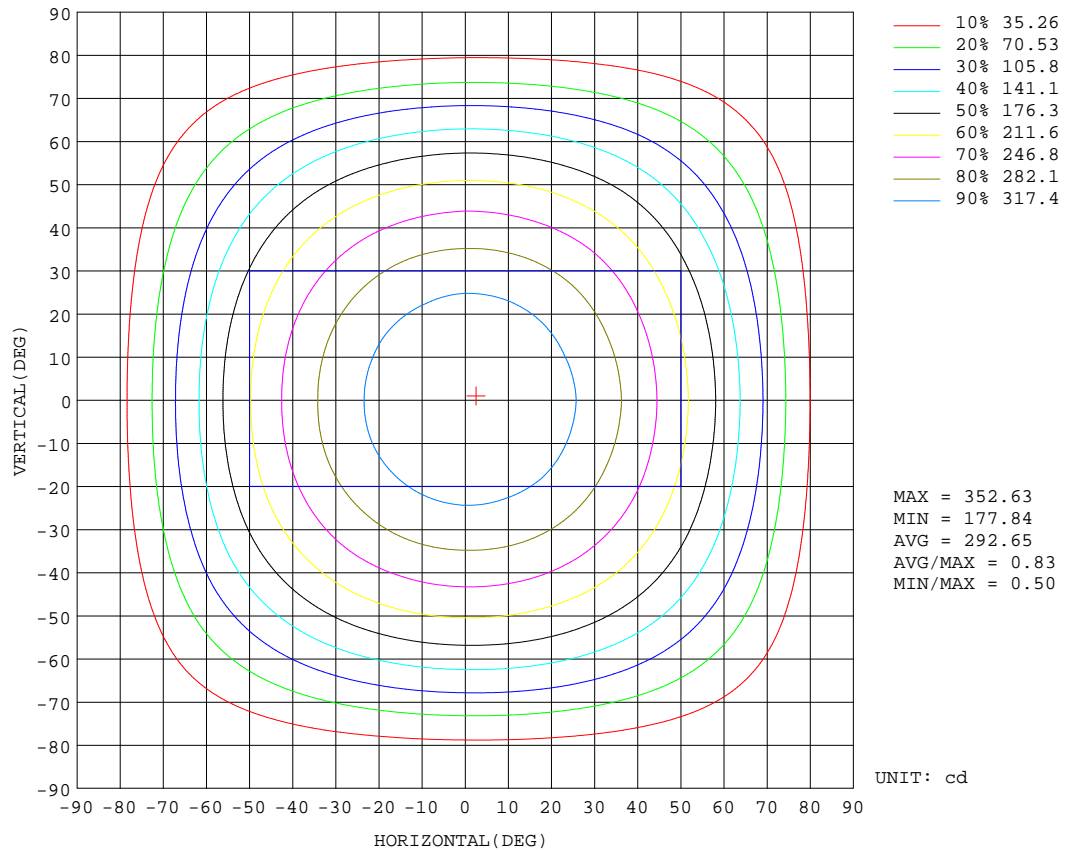
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	58	46	39	57	46	39	56	45	39	32
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	66	79	71	65	58
1.50	88	79	72	87	78	71	84	76	70	63
2.00	95	87	81	94	86	80	90	84	78	71
2.50	99	92	86	97	90	85	93	88	83	75
3.00	103	96	91	101	94	89	96	91	87	79
4.00	107	101	97	104	99	95	100	96	92	84
5.00	109	104	100	107	102	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.9DEG
Operators:Carl
Test Date:2022-08-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:45%
Test Distance:2.532m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.0978A P:11.53W PF:0.9825 Lamp Flux:1005.32x1 lm		
NAME: LED recessed downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: OUMEIDA	SUR.:N/A	Shielding Angle:N/A



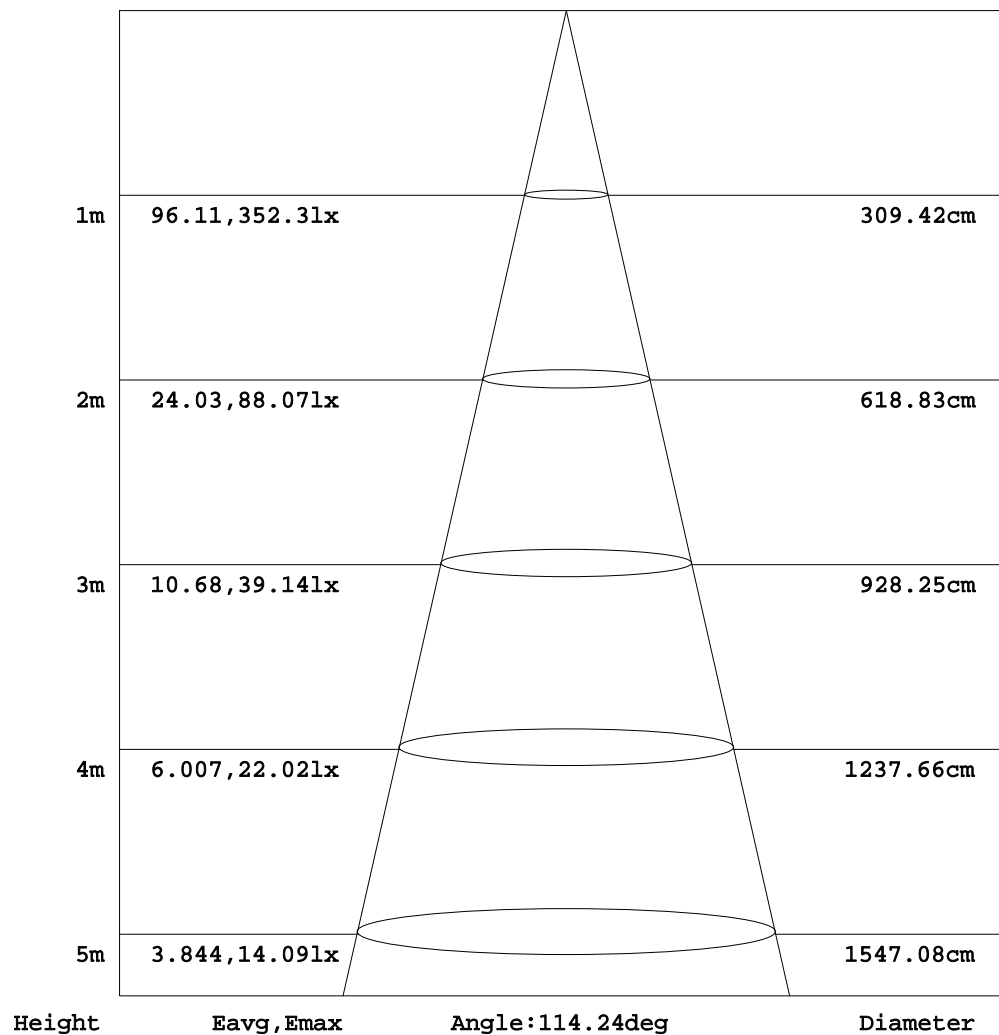
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.9DEG
Operators:Carl
Test Date:2022-08-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:45%
Test Distance:2.532m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.0V I:0.0978A P:11.53W PF:0.9825 Lamp Flux:1005.32x1 lm		
NAME: LED recessed downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: OUMEIDA	SUR.:N/A	Shielding Angle:N/A

Flux out:773.3 lm



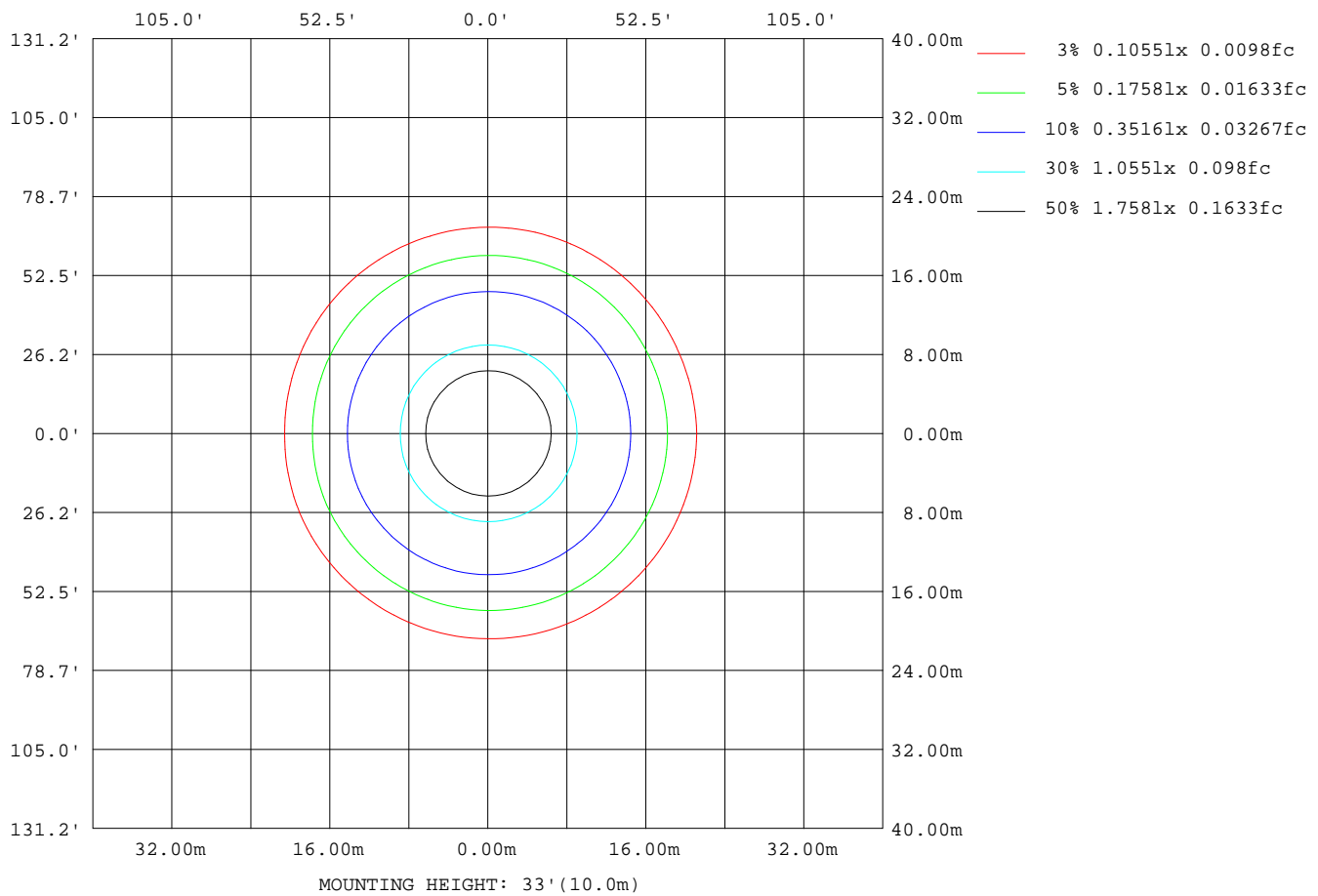
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.9DEG
 Operators: Carl
 Test Date: 2022-08-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 45%
 Test Distance: 2.532m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.0978A P:11.53W PF:0.9825 Lamp Flux:1005.32x1 lm		
NAME: LED recessed downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: OUMEIDA	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.9DEG
Operators: Carl
Test Date: 2022-08-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 45%
Test Distance: 2.532m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.0V I:0.0978A P:11.53W PF:0.9825 Lamp Flux:1005.32x1 lm		
NAME: LED recessed downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: OUMEIDA	SUR.:N/A	Shielding Angle:N/A

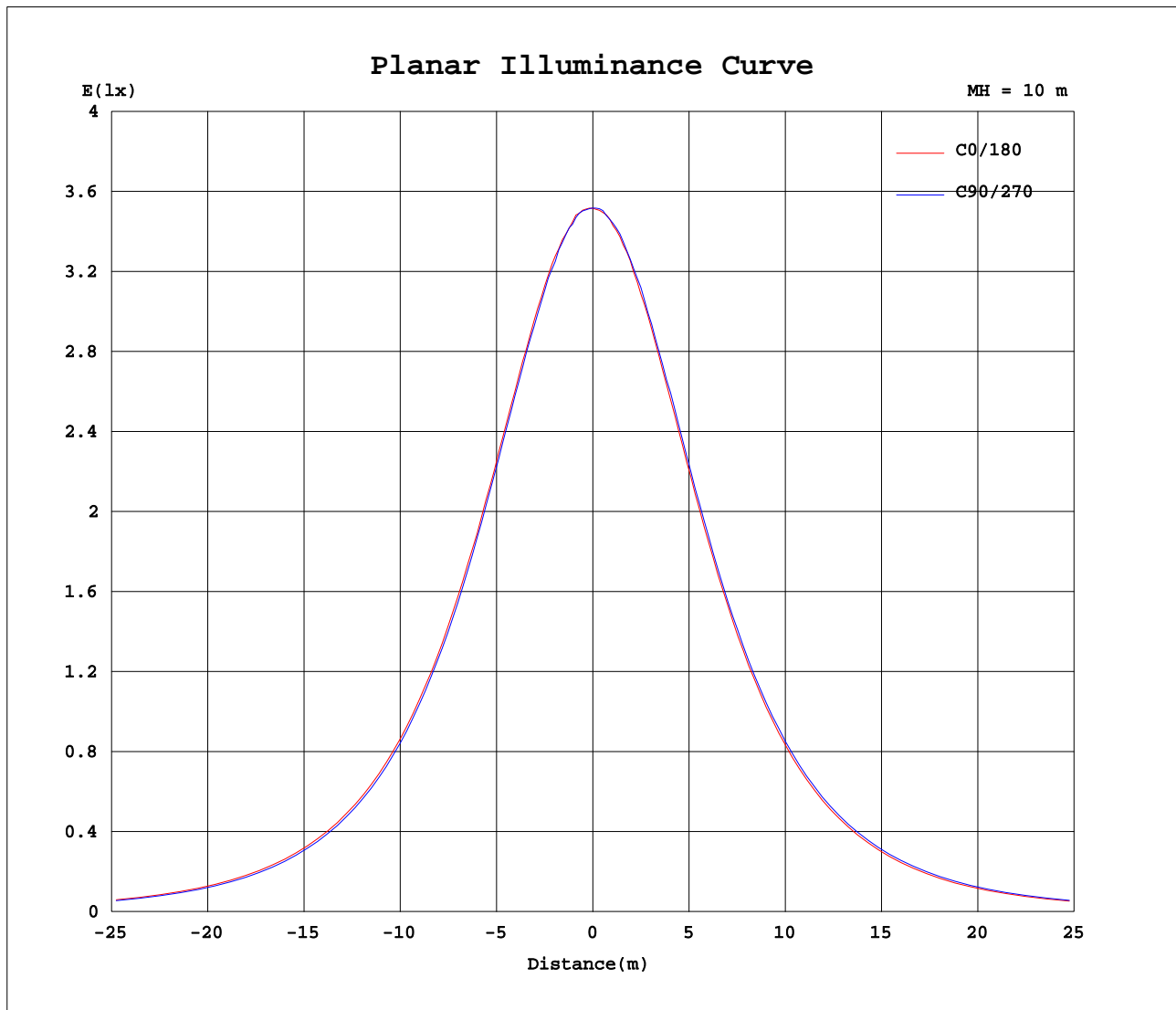
AvgL	cd/m2
L_0~180(65)av	42236
L_0~180(75)av	33109
L_0~180(85)av	11465
L_90~270(65)av	42161
L_90~270(75)av	32827
L_90~270(85)av	11305
L_45(65)av	42129
L_45(75)av	33006
L_45(85)av	11433

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.9DEG
Operators:Carl
Test Date:2022-08-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:45%
Test Distance:2.532m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.9DEG
Operators: Carl
Test Date: 2022-08-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 45%
Test Distance: 2.532m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.0978A P:11.53W PF:0.9825 Lamp Flux:1005.32x1 lm																	
NAME: LED recessed downlight									TYPE:N/A						WEIGHT:N/A		
SPEC.:N/A									DIM.: N/A						SERIAL No.:N/A		
MFR.: OUMEIDA									SUR.:N/A						Shielding Angle:N/A		

Table--1

UNIT: cd

C(DEC)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
γ (DEC)																			
0	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352			
5	352	351	351	350	351	350	351	350	350	350	350	350	350	350	351	351	352		
10	347	347	346	346	346	344	345	345	345	346	344	346	346	346	346	347	347		
15	341	341	340	339	338	337	338	337	337	337	338	338	340	339	340	340			
20	332	331	329	329	328	326	327	327	326	327	327	328	329	329	330	331			
25	319	319	317	316	316	314	314	314	313	314	314	315	317	317	318	318			
30	304	303	302	301	300	299	298	298	297	298	299	300	301	302	303	303			
35	287	285	284	283	281	281	281	280	279	280	280	282	283	284	286	286			
40	266	266	265	263	262	259	260	259	259	260	260	261	263	264	266	266			
45	244	244	242	240	238	238	237	237	236	237	237	239	241	241	243	243			
50	220	219	217	215	214	213	212	212	210	212	213	215	216	217	218	219			
55	194	192	190	189	186	185	185	185	183	185	186	188	190	191	192	192			
60	164	164	161	159	157	155	155	155	153	154	157	158	160	161	163	163			
65	133	131	129	127	125	123	123	123	120	122	123	126	128	129	129	130			
70	99.4	97.9	95.6	93.5	91.3	90.2	89.8	89.9	87.4	88.9	90.6	92.7	94.6	95.7	96.7	96.8			
75	65.8	64.5	62.2	60.3	58.4	57.4	57.2	57.6	55.6	56.7	58.3	60.2	61.9	63.2	64.3	64.2			
80	35.0	33.3	31.4	29.7	28.5	27.7	27.6	28.1	26.6	27.5	28.8	30.4	31.9	33.1	33.9	33.6			
85	9.98	8.92	7.63	6.30	6.38	5.84	5.76	6.10	4.18	5.03	5.93	6.79	7.59	8.44	8.93	8.85			
90	0.23	0.15	0.08	0.06	0.06	0.06	0.06	0.06	0.02	0.02	0.02	0.05	0.13	0.17	0.17	0.15			
95	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.07	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02			
100	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03			
105	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05			
110	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.07	0.07	0.07	0.07	0.07	0.06	0.07	0.06			
115	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.09	0.09	0.09	0.09	0.09	0.08	0.09	0.08			
120	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11			
125	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.20	0.14	0.14	0.14	0.14	0.14	0.13	0.13	0.13			
130	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.17	0.17	0.17	0.16	0.16	0.16	0.16	0.16			
135	0.30	0.30	0.30	0.30	0.30	0.30	0.31	0.31	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.18			
140	0.38	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.22	0.22	0.21	0.21	0.21	0.21	0.21	0.21			
145	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24			
150	0.58	0.58	0.58	0.58	0.58	0.58	0.59	0.58	0.26	0.27	0.26	0.26	0.26	0.26	0.26	0.26			
155	0.66	0.67	0.66	0.67	0.67	0.67	0.67	0.67	0.31	0.30	0.30	0.30	0.30	0.30	0.30	0.30			
160	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34			
165	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37			
170	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41			
175	0.65	0.65	0.64	0.65	0.64	0.64	0.65	0.64	0.49	0.49	0.49	0.49	0.49	0.49	0.48	0.48			
180	0.57	0.57	0.57	0.57	0.57	0.56	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57			

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C Interval: 22.5DEG
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