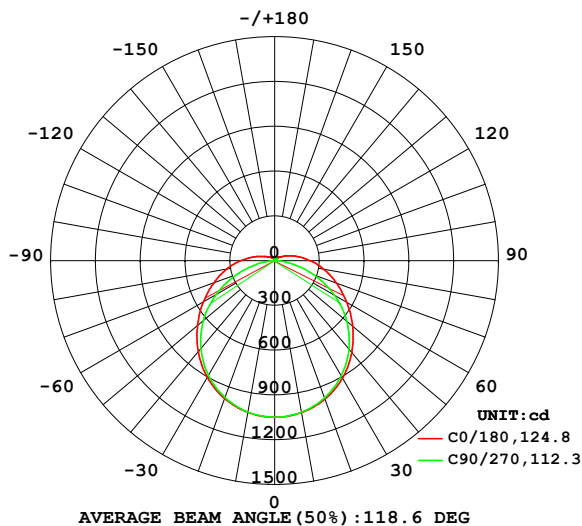


LUMINAIRE PHOTOMETRIC TEST REPORT

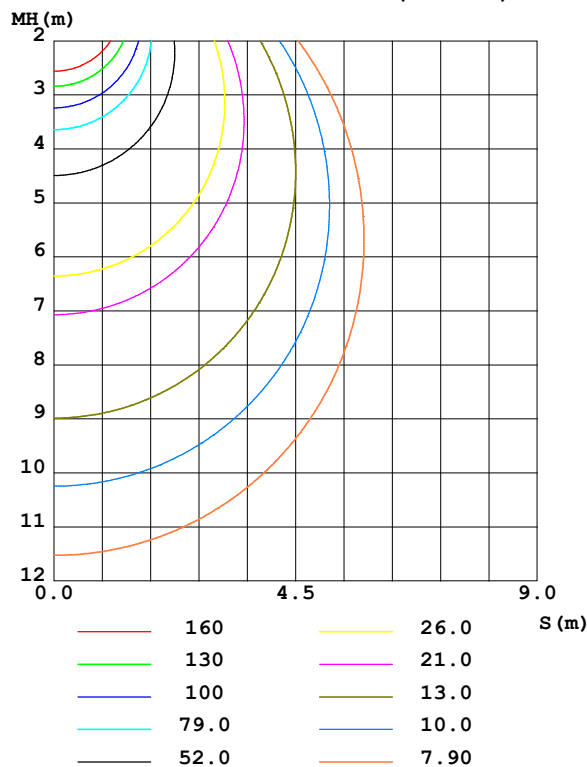
Test:U:230.69V I:0.1312A P:28.530W PF:0.9424 Freq:50.00Hz Lamp Flux:3651.12x1 lm		
NAME: LED444-W46 (29W 200mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 127.98 lm/W
MODEL		I _{max} (cd)	1049	S/MH(C0/180)	1.28	
NOMINAL POWER(W)	28.6	LOR(%)	100.0	S/MH(C90/270)	1.26	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	3651.1	η UP,DN(C0-180)	4.0,46.4	
NOMINAL FLUX(lm)	3651.12	CIE CLASS	DIRECT	η UP,DN(C180-360)	3.8,45.7	
LAMPS INSIDE	1	η up (%)	7.9	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	230	η down (%)	92.1	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℃
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity:65.0%
Test Distance:12.020m [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	1034	1033	1031	1033	1032	1032	1030	1032	0- 10	99.34	99.34	2.72,2.72
20	986.7	982.3	978.4	982.7	982.9	979.8	975.5	979.4	10- 20	285.3	384.7	10.5,10.5
30	909.1	900.2	891.9	900.7	902.9	895.4	887.7	896.1	20- 30	434.9	819.5	22.4,22.4
40	804.7	790.1	774.9	789.2	796.7	782.0	769.3	784.7	30- 40	529.0	1349	36.9,36.9
50	683.1	656.9	630.6	655.4	674.6	645.6	623.0	650.9	40- 50	556.9	1905	52.2,52.2
60	558.1	512.5	463.3	512.0	549.6	497.3	452.2	506.1	50- 60	519.1	2425	66.4,66.4
70	441.4	371.9	280.2	375.3	432.8	358.5	269.0	370.3	60- 70	429.6	2854	78.2,78.2
80	334.6	250.1	106.2	253.9	324.9	236.7	96.02	252.9	70- 80	312.3	3166	86.7,86.7
90	239.7	153.2	6.640	155.0	227.9	139.3	3.731	158.1	80- 90	197.6	3364	92.1,92.1
100	160.0	84.82	4.988	83.74	146.3	72.26	4.438	89.65	90-100	115.7	3480	95.3,95.3
110	98.30	45.33	6.891	44.61	86.95	39.52	6.350	48.57	100-110	65.49	3545	97.1,97.1
120	55.22	27.82	8.881	29.11	50.23	27.43	8.292	28.80	110-120	37.15	3582	98.1,98.1
130	37.17	23.30	10.80	25.18	36.70	23.91	10.22	23.70	120-130	23.64	3606	98.8,98.8
140	29.05	20.51	12.61	22.80	30.01	21.76	12.08	20.83	130-140	17.45	3623	99.2,99.2
150	23.76	17.98	14.24	20.39	25.26	19.51	13.67	17.95	140-150	12.67	3636	99.6,99.6
160	19.86	16.87	15.53	18.49	21.09	17.46	15.25	16.45	150-160	8.536	3645	99.8,99.8
170	17.28	16.51	16.47	17.19	18.01	16.94	16.34	16.43	160-170	4.883	3650	100,100
180	17.41	16.76	16.82	16.83	17.48	16.86	16.83	16.80	170-180	1.610	3651	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1627.8 lm

%lum = 44.6%

%lamp = 44.6%

Conical surface Flux(120deg): 2424.5 lm

%lum = 66.4%

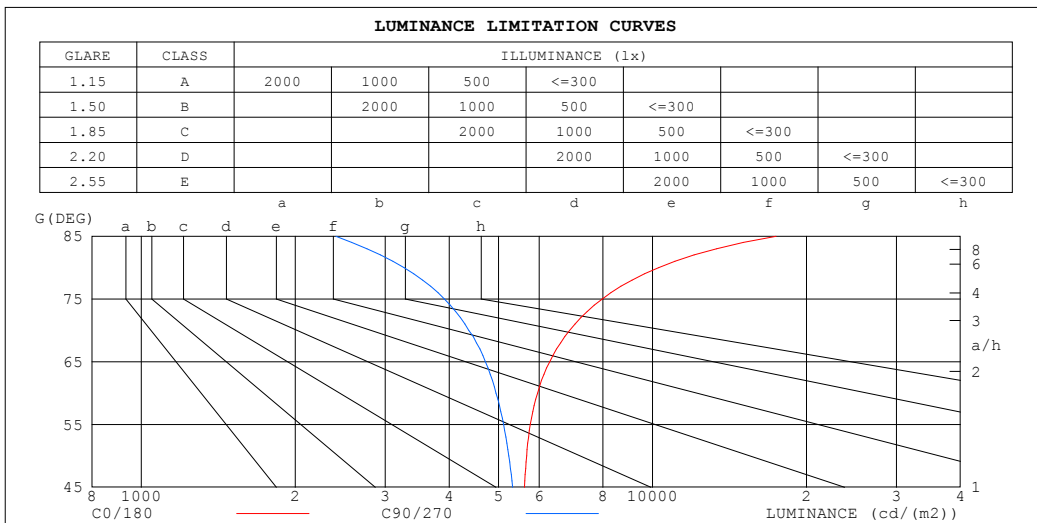
%lamp = 66.4%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
 Humidity:65.0%
 Test Distance:12.020m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.69V I:0.1312A P:28.530W PF:0.9424 Freq:50.00Hz Lamp Flux:3651.12x1 lm		
NAME: LED444-W46 (29W 200mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	17447	2402
80	10280	3264
75	7972	3916
70	6886	4370
65	6291	4710
60	5955	4943
55	5768	5111
50	5670	5234
45	5620	5326

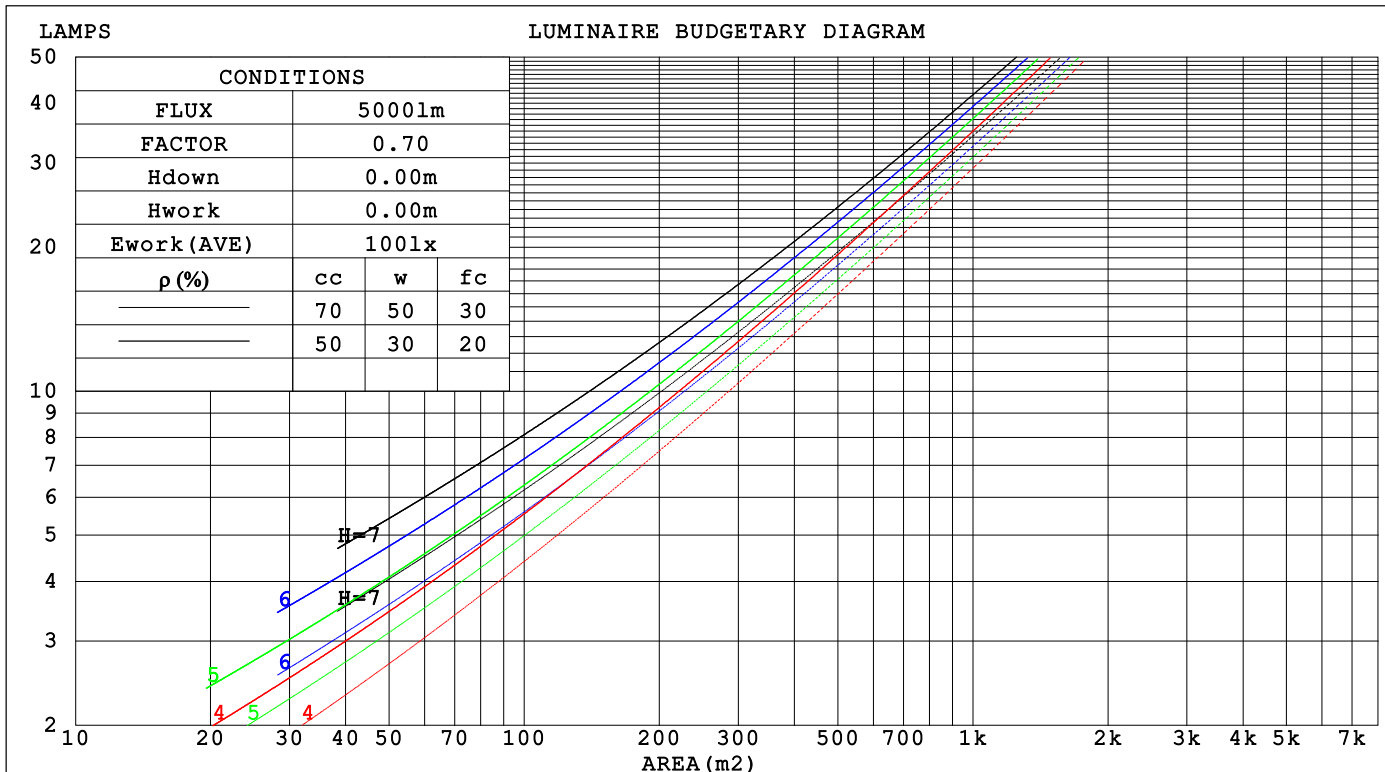
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.69V I:0.1312A P:28.530W PF:0.9424 Freq:50.00Hz Lamp Flux:3651.12x1 lm		
NAME: LED444-W46 (29W 200mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	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	1.17	1.17	1.17	1.14	1.14	1.14	1.07	1.07	1.07	1.01	1.01	1.01	.95	.95	.95	.92
1.0	.00	.95	.90	.97	.92	.88	.91	.87	.84	.85	.82	.80	.81	.78	.76	.73
2.0	.86	.78	.72	.83	.76	.71	.78	.73	.68	.74	.69	.65	.70	.66	.62	.60
3.0	.75	.66	.59	.73	.65	.58	.69	.62	.56	.65	.59	.54	.61	.56	.52	.50
4.0	.66	.57	.50	.64	.56	.49	.61	.53	.48	.57	.51	.46	.54	.49	.45	.42
5.0	.59	.50	.43	.57	.49	.42	.54	.47	.41	.51	.45	.40	.49	.43	.39	.36
6.0	.53	.44	.37	.52	.43	.37	.49	.41	.36	.46	.40	.35	.44	.38	.34	.31
7.0	.48	.39	.33	.47	.38	.32	.44	.37	.31	.42	.36	.31	.40	.34	.30	.28
8.0	.44	.35	.29	.43	.34	.29	.41	.33	.28	.39	.32	.27	.37	.31	.27	.25
9.0	.40	.32	.26	.39	.31	.26	.37	.30	.25	.36	.29	.25	.34	.28	.24	.22
10.0	.37	.29	.23	.36	.28	.23	.34	.28	.23	.33	.27	.22	.32	.26	.22	.20



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:230.69V I:0.1312A P:28.530W PF:0.9424 Freq:50.00Hz Lamp Flux:3651.12x1 lm		
NAME: LED444-W46 (29W 200mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	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	.356	.202	.064	.346	.197	.063	.328	.188	.060	.312	.180	.058	.297	.172	.055		
2.0	.317	.174	.053	.308	.170	.052	.292	.163	.051	.278	.156	.049	.264	.149	.047		
3.0	.286	.152	.046	.278	.149	.045	.264	.143	.043	.251	.137	.042	.238	.132	.041		
4.0	.260	.135	.040	.253	.132	.039	.240	.127	.038	.228	.122	.037	.217	.118	.036		
5.0	.238	.121	.035	.232	.119	.035	.220	.115	.034	.209	.110	.033	.199	.106	.032		
6.0	.219	.110	.031	.213	.108	.031	.203	.104	.030	.193	.100	.029	.184	.097	.029		
7.0	.203	.100	.028	.198	.098	.028	.188	.095	.027	.179	.092	.027	.171	.089	.026		
8.0	.189	.092	.026	.184	.091	.026	.175	.088	.025	.167	.085	.024	.160	.082	.024		
9.0	.176	.085	.024	.172	.084	.024	.164	.081	.023	.157	.079	.022	.150	.076	.022		
10.0	.165	.079	.022	.161	.078	.022	.154	.076	.021	.147	.073	.021	.141	.071	.020		

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	.250	.250	.250	.214	.214	.214	.146	.146	.146	.084	.084	.084	.027	.027	.027		
1.0	.244	.216	.191	.209	.186	.165	.143	.128	.114	.082	.074	.066	.026	.024	.021		
2.0	.236	.193	.156	.203	.166	.135	.139	.115	.094	.080	.067	.055	.026	.022	.018		
3.0	.229	.176	.133	.196	.151	.115	.135	.105	.081	.078	.061	.048	.025	.020	.016		
4.0	.221	.163	.118	.190	.141	.103	.130	.098	.072	.075	.057	.043	.024	.019	.014		
5.0	.213	.153	.108	.183	.132	.094	.126	.092	.066	.073	.054	.039	.024	.018	.013		
6.0	.206	.144	.100	.177	.125	.087	.122	.088	.062	.071	.051	.037	.023	.017	.012		
7.0	.199	.138	.095	.171	.119	.082	.118	.084	.058	.069	.049	.035	.022	.016	.012		
8.0	.192	.132	.090	.165	.114	.079	.114	.080	.056	.067	.047	.033	.022	.016	.011		
9.0	.186	.127	.087	.160	.110	.076	.111	.077	.054	.065	.046	.032	.021	.015	.011		
10.0	.180	.123	.085	.155	.107	.074	.108	.075	.052	.063	.044	.031	.020	.015	.010		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.69V I:0.1312A P:28.530W PF:0.9424 Freq:50.00Hz Lamp Flux:3651.12x1 lm										
NAME: LED444-W46 (29W 200mA 4000K)					TYPE:			WEIGHT:		
SPEC.:					DIM.: 0.187450			SERIAL No.: 1		
MFR.:					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	18.6	20.1	19.0	20.4	20.8	17.9	19.4	18.3	19.7	20.1
3H	20.8	22.2	21.2	22.5	22.9	19.4	20.7	19.8	21.1	21.5
4H	22.0	23.3	22.4	23.7	24.1	19.9	21.2	20.4	21.6	22.0
6H	23.3	24.5	23.7	24.9	25.3	20.3	21.5	20.8	22.0	22.4
8H	24.0	25.1	24.4	25.6	26.0	20.4	21.6	20.9	22.0	22.5
12H	24.8	25.9	25.2	26.4	26.8	20.5	21.6	20.9	22.0	22.5
4H 2H	19.2	20.5	19.6	20.9	21.3	18.6	19.9	19.1	20.3	20.8
3H	21.6	22.8	22.1	23.2	23.7	20.4	21.5	20.8	21.9	22.4
4H	23.0	24.0	23.5	24.5	25.0	21.1	22.1	21.6	22.6	23.1
6H	24.5	25.4	25.0	25.9	26.4	21.6	22.6	22.1	23.0	23.6
8H	25.3	26.2	25.8	26.7	27.2	21.8	22.7	22.3	23.2	23.7
12H	26.3	27.1	26.8	27.6	28.2	21.9	22.7	22.5	23.2	23.8
8H 4H	23.3	24.2	23.8	24.7	25.2	21.7	22.6	22.2	23.1	23.6
6H	25.1	25.8	25.7	26.4	27.0	22.5	23.3	23.1	23.8	24.4
8H	26.1	26.8	26.7	27.3	28.0	22.9	23.5	23.4	24.1	24.7
12H	27.3	27.9	27.9	28.5	29.1	23.1	23.7	23.7	24.3	24.9
12H 4H	23.3	24.1	23.9	24.7	25.2	21.9	22.7	22.4	23.2	23.8
6H	25.2	25.9	25.8	26.4	27.0	22.9	23.5	23.5	24.1	24.7
8H	26.3	26.9	26.9	27.5	28.1	23.3	23.9	23.9	24.5	25.1
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 / - 0.3					+ 0.1 / - 0.4				

CIE Pub.117, 3651 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 4.5)
Area: 0.18745 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.69V I:0.1312A P:28.530W PF:0.9424 Freq:50.00Hz Lamp Flux:3651.12x1 lm		
NAME: LED444-W46 (29W 200mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

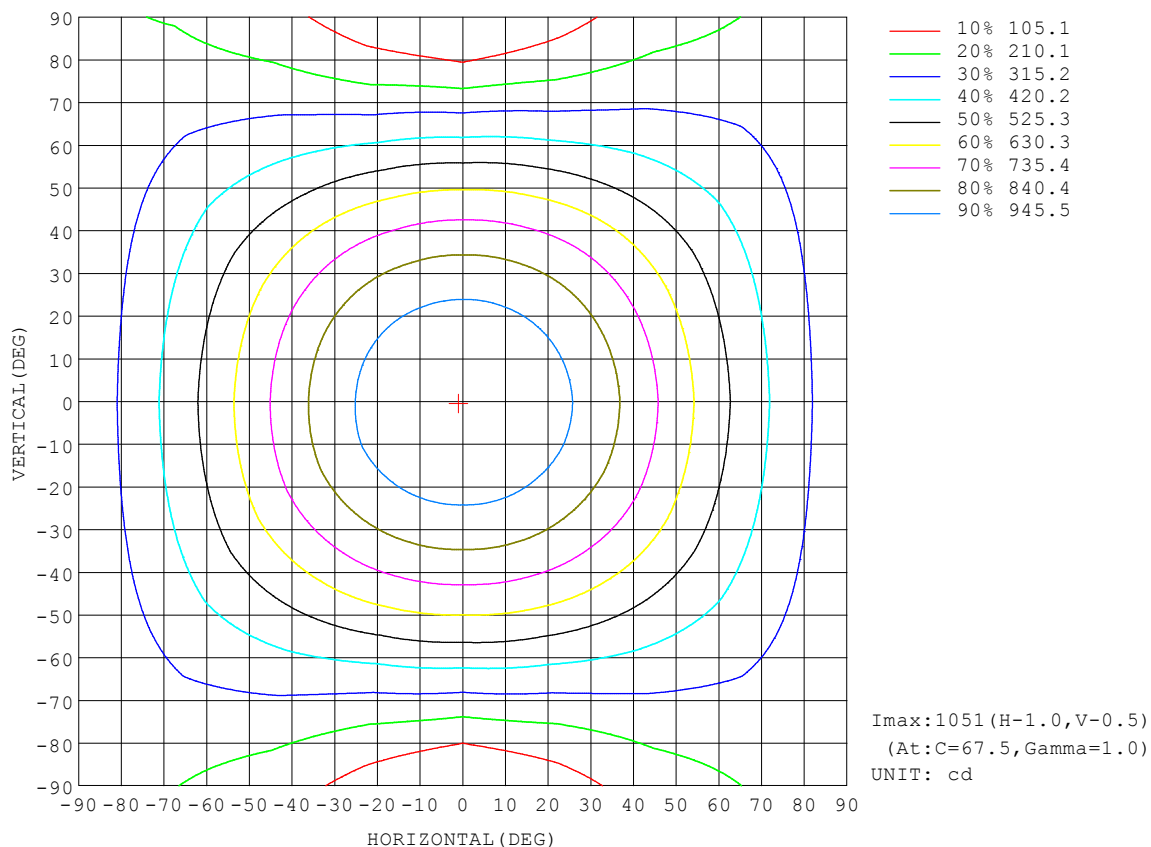
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	53	41	34	52	41	34	50	40	33	27
0.80	62	50	42	61	50	42	59	48	42	34
1.00	70	58	50	69	58	50	66	59	49	41
1.25	77	66	58	76	65	57	72	63	56	48
1.50	82	71	63	80	70	63	77	68	61	52
2.00	89	80	72	87	78	71	83	75	69	59
2.50	94	84	77	91	83	76	86	79	74	63
3.00	97	89	82	94	87	81	89	83	78	67
4.00	102	95	89	98	92	87	93	88	83	72
5.00	104	98	93	101	96	91	95	91	87	75
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: DAMIN
Test Date: 2024-04-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity: 65.0%
Test Distance: 12.020m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:230.69V I:0.1312A P:28.530W PF:0.9424 Freq:50.00Hz Lamp Flux:3651.12x1 lm		
NAME: LED444-W46 (29W 200mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

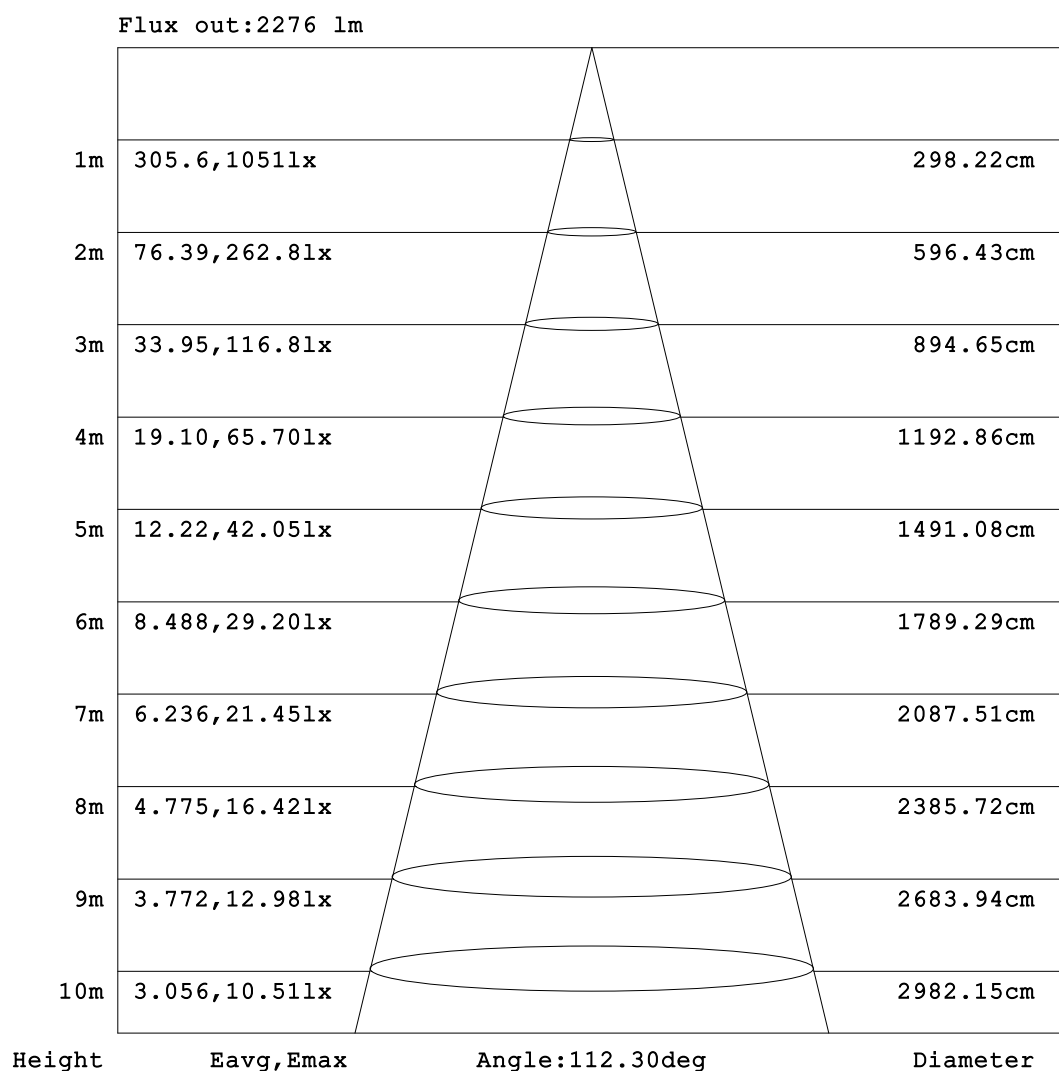


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.69V I:0.1312A P:28.530W PF:0.9424 Freq:50.00Hz Lamp Flux:3651.12x1 lm		
NAME: LED444-W46 (29W 200mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



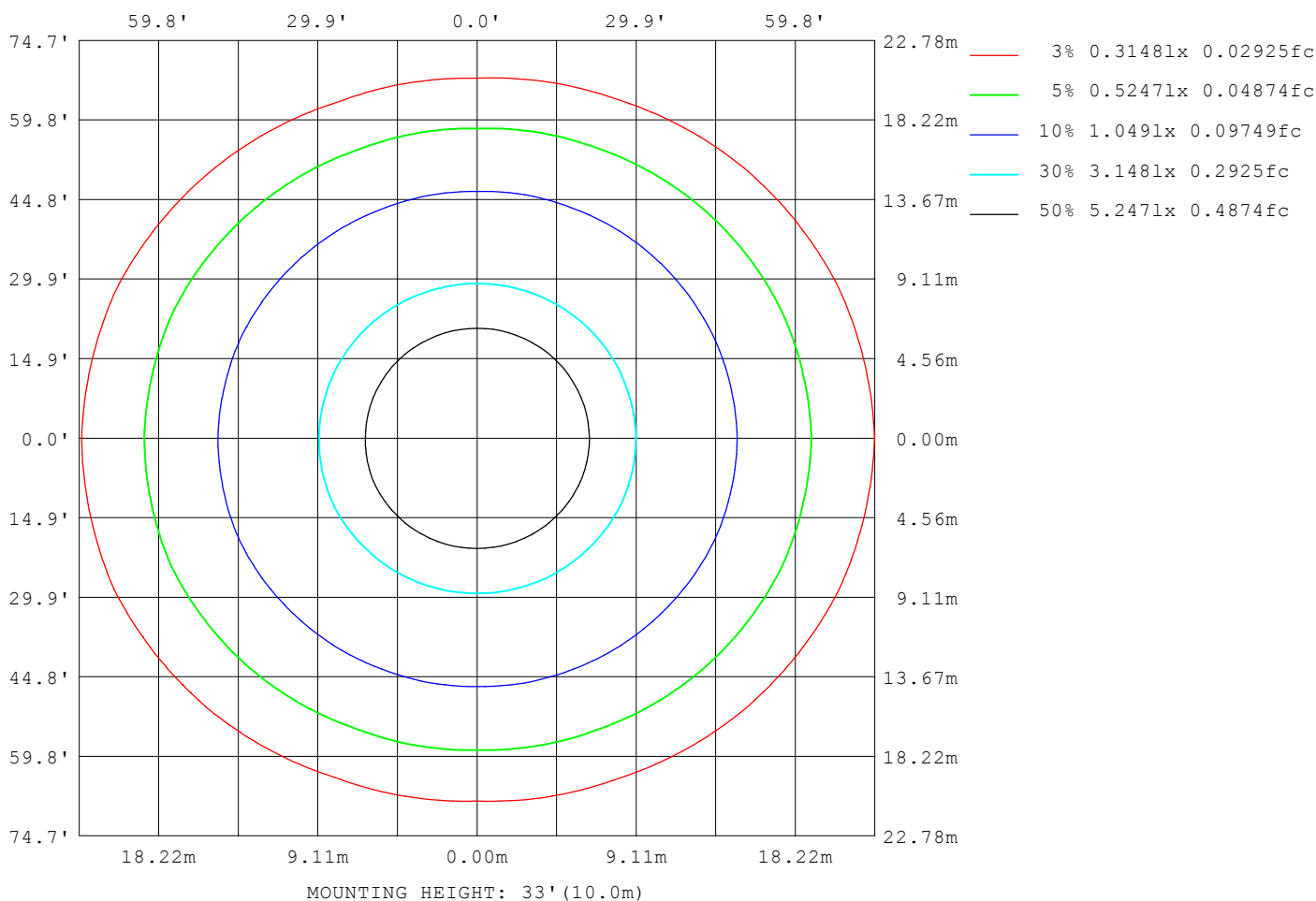
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:230.69V I:0.1312A P:28.530W PF:0.9424 Freq:50.00Hz Lamp Flux:3651.12x1 lm		
NAME: LED444-W46 (29W 200mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:230.69V I:0.1312A P:28.530W PF:0.9424 Freq:50.00Hz Lamp Flux:3651.12x1 lm		
NAME: LED444-W46 (29W 200mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

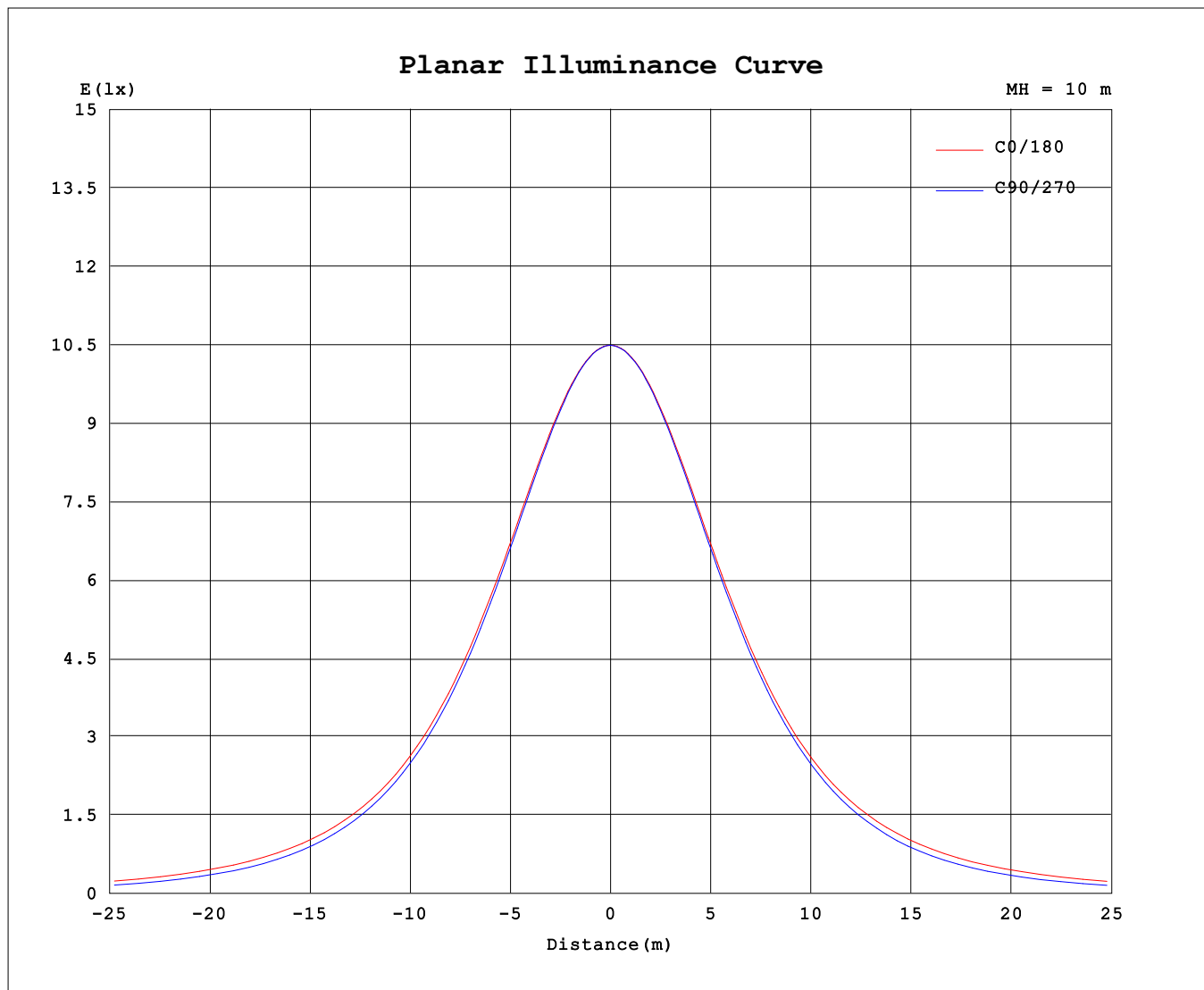
AvgL	cd/m2
L_0~180 (65) av	6238
L_0~180 (75) av	7879
L_0~180 (85) av	17134
L_90~270 (65) av	4636
L_90~270 (75) av	3797
L_90~270 (85) av	2187
L_45 (65) av	5509
L_45 (75) av	6309
L_45 (85) av	12036

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-04-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.477
 Humidity: 65.0%
 Test Distance: 12.020m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.69V I:0.1312A P:28.530W PF:0.9424 Freq:50.00Hz Lamp Flux:3651.12x1 lm																	
NAME: LED444-W46 (29W 200mA 4000K)									TYPE:						WEIGHT:		
SPEC.:									DIM.: 0.187450						SERIAL No.: 1		
MFR.:									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	1049	1049	1049	1049	1049	1049	1049	1049	1049	1049	1049	1049	1049	1049	1049	1049			
5	1046	1046	1045	1045	1045	1045	1046	1045	1045	1045	1045	1044	1044	1044	1045	1045			
10	1034	1034	1033	1032	1031	1032	1033	1034	1032	1032	1032	1031	1030	1030	1032	1032			
15	1014	1014	1011	1010	1009	1011	1012	1014	1012	1011	1010	1008	1007	1008	1010	1010			
20	987	986	982	980	978	980	983	986	983	982	980	977	975	977	979	982			
25	951	950	945	942	939	942	946	950	947	945	941	937	936	938	942	945			
30	909	907	900	896	892	895	901	906	903	900	895	889	888	890	896	901			
35	860	858	848	842	837	841	848	855	853	849	842	834	832	836	844	850			
40	805	802	790	781	775	780	789	799	797	791	782	772	769	774	785	793			
45	745	742	726	714	706	712	724	738	737	729	716	702	699	706	720	732			
50	683	677	657	641	631	638	655	674	675	664	646	627	623	632	651	668			
55	620	612	585	562	549	559	584	610	613	599	572	547	539	554	580	603			
60	558	544	512	479	463	475	512	545	550	535	497	463	452	471	506	539			
65	498	481	441	395	373	392	442	482	490	473	426	377	361	388	437	477			
70	441	421	372	312	280	310	375	423	433	412	359	293	269	306	370	418			
75	387	365	308	233	190	234	312	365	378	355	295	215	178	230	309	363			
80	335	311	250	163	106	166	254	311	325	301	237	147	96.0	164	253	310			
85	285	262	198	107	39.2	110	201	259	275	249	185	92.1	32.2	110	202	261			
90	240	216	153	65.0	6.64	68.0	155	212	228	203	139	53.1	3.73	69.7	158	216			
95	198	175	115	38.4	4.79	39.7	116	170	185	161	102	29.5	3.62	42.4	120	176			
100	160	139	84.8	23.5	4.99	24.5	83.7	133	146	125	72.3	19.4	4.44	26.8	89.6	140			
105	127	108	61.7	16.8	5.90	18.6	60.1	102	114	94.4	52.0	16.0	5.40	18.9	65.7	109			
110	98.3	82.3	45.3	14.6	6.89	16.8	44.6	77.5	87.0	71.3	39.5	15.0	6.35	16.2	48.6	83.4			
115	75.7	62.7	33.6	14.1	7.92	16.3	34.5	58.2	66.2	52.2	31.8	14.8	7.37	15.2	35.6	63.8			
120	55.2	45.1	27.8	14.0	8.88	16.1	29.1	45.2	50.2	41.7	27.4	14.7	8.29	14.7	28.8	45.8			
125	44.1	37.1	25.1	14.1	9.84	16.0	26.7	39.1	41.7	36.3	24.9	14.7	9.25	14.2	25.9	37.3			
130	37.2	32.5	23.3	14.3	10.8	16.1	25.2	35.1	36.7	32.5	23.9	14.6	10.2	14.5	23.7	32.7			
135	32.5	29.1	21.8	14.3	11.7	16.2	23.9	32.0	33.0	29.7	22.8	14.9	11.1	14.6	22.1	29.2			
140	29.1	26.4	20.5	14.4	12.6	16.2	22.8	29.5	30.0	27.2	21.8	15.1	12.1	14.3	20.8	26.5			
145	26.2	24.2	19.1	14.6	13.5	16.2	21.7	27.2	27.5	25.2	20.7	14.9	12.9	14.3	19.5	24.1			
150	23.8	22.2	18.0	14.8	14.2	16.0	20.4	25.1	25.3	23.5	19.5	15.2	13.7	14.4	18.0	22.2			
155	21.7	20.5	17.3	15.2	14.9	16.3	19.4	23.1	23.1	21.6	18.7	15.5	14.4	14.7	16.9	20.5			
160	19.9	19.2	16.9	15.6	15.5	16.5	18.5	21.3	21.1	20.1	17.5	15.8	15.2	15.3	16.5	19.1			
165	18.3	17.5	16.5	15.9	16.0	16.6	17.6	19.4	19.2	18.1	17.1	16.1	15.8	15.7	16.1	17.4			
170	17.3	17.0	16.5	16.3	16.5	16.7	17.2	18.2	18.0	17.4	16.9	16.4	16.3	16.1	16.4	16.8			
175	17.0	17.0	16.5	16.7	16.7	16.8	16.9	17.5	17.5	17.0	16.9	16.7	16.7	16.5	16.6	16.8			
180	17.4	17.2	16.8	16.8	16.8	16.8	16.8	17.3	17.5	16.9	16.9	16.8	16.8	16.7	16.8	17.3			

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C Interval: 22.5DEG
Test Speed: HIGH
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Operators:DAMIN
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γ Range: 0 - 180DEG
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
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