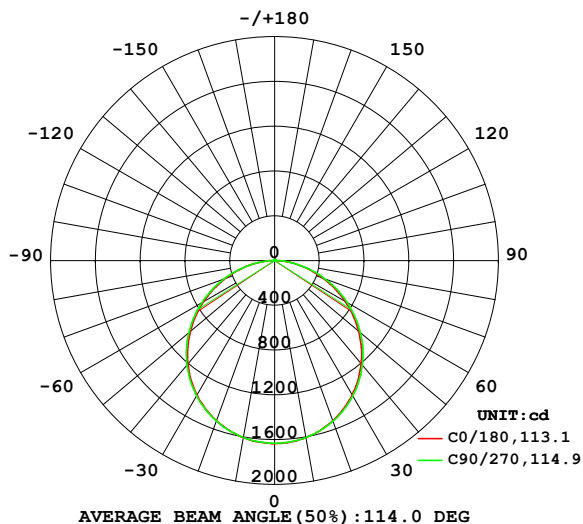


LUMINAIRE PHOTOMETRIC TEST REPORT

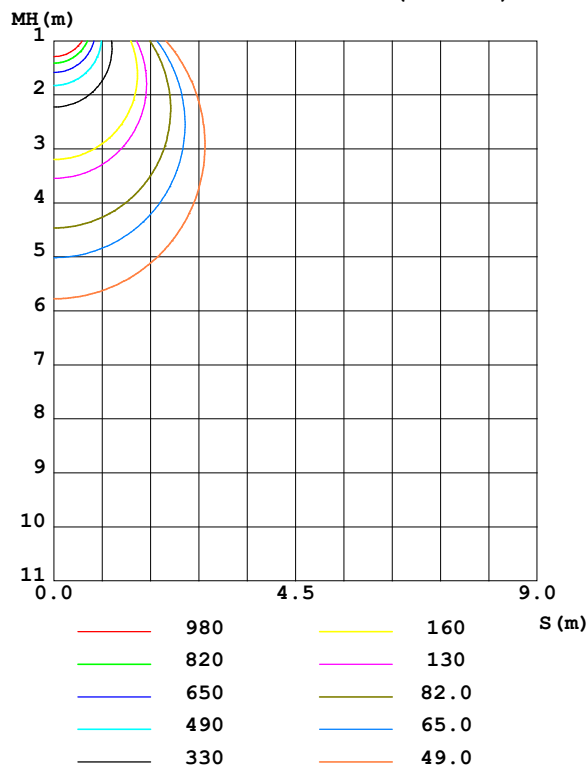
Test:U:120.23V I:0.3298A P:39.531W PF:0.9970 Freq:60.04Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4820.44x1 lm		
Name: ASD-BSP-14A40	Type: 40W	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES1-LAB
MFR.: ASD Lighting Corp	SUR.: 1.163*0.253	shielding angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 121.94 lm/W			
MODEL	ASD-BSP-14A40	Imax (cd)	1635	S/MH(C0/180)	1.26
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4820.4	η UP,DN(C0-180)	0.3,49.7
NOMINAL FLUX(lm)	4820.44	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,49.6
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down (%)	99.3	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:MA NENG
Test Date:2025-09-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.440m [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	1606	1605	1605	1604	1605	1605	1605	1605	0- 10	154.6	154.6	3.21,3.21
20	1521	1524	1526	1523	1521	1523	1525	1523	10- 20	443.5	598.0	12.4,12.4
30	1386	1391	1396	1391	1387	1390	1395	1390	20- 30	674.6	1273	26.4,26.4
40	1203	1212	1219	1212	1205	1211	1219	1211	30- 40	817.5	2090	43.4,43.4
50	979.9	992.3	1002	991.9	981.9	992.0	1001	990.8	40- 50	853.0	2943	61.1,61.1
60	726.7	738.7	749.2	739.7	730.9	741.2	749.3	738.7	50- 60	775.9	3719	77.2,77.2
70	460.2	469.4	479.5	470.6	466.0	473.5	481.1	469.6	60- 70	599.5	4319	89.6,89.6
80	205.3	208.1	216.3	210.3	211.7	213.4	218.5	208.4	70- 80	358.2	4677	97,97
90	28.07	21.11	4.156	20.51	30.49	23.38	4.968	20.49	80- 90	111.3	4788	99.3,99.3
100	2.357	2.519	2.651	2.545	2.585	2.767	2.816	2.746	90-100	5.221	4793	99.4,99.4
110	3.272	3.374	3.516	3.429	3.586	3.701	3.786	3.686	100-110	3.260	4796	99.5,99.5
120	4.271	4.235	4.420	4.287	4.593	4.666	4.751	4.625	110-120	3.972	4800	99.6,99.6
130	5.328	5.205	5.390	5.257	5.629	5.634	5.705	5.645	120-130	4.451	4805	99.7,99.7
140	6.250	6.197	6.226	6.163	6.577	6.493	6.612	6.609	130-140	4.592	4810	99.8,99.8
150	7.227	7.107	7.061	7.033	7.454	7.222	7.374	7.437	140-150	4.264	4814	99.9,99.9
160	8.135	7.822	7.827	7.769	8.198	7.828	7.934	8.105	150-160	3.500	4817	99.9,99.9
170	8.923	8.428	8.511	8.485	8.940	8.433	8.544	8.595	160-170	2.330	4820	100,100
180	9.195	8.710	8.819	8.825	9.211	8.715	8.814	8.825	170-180	0.8305	4820	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2519.2 lm

%lum = 52.3%

%lamp = 52.3%

Conical surface Flux(120deg): 3719 lm

%lum = 77.2%

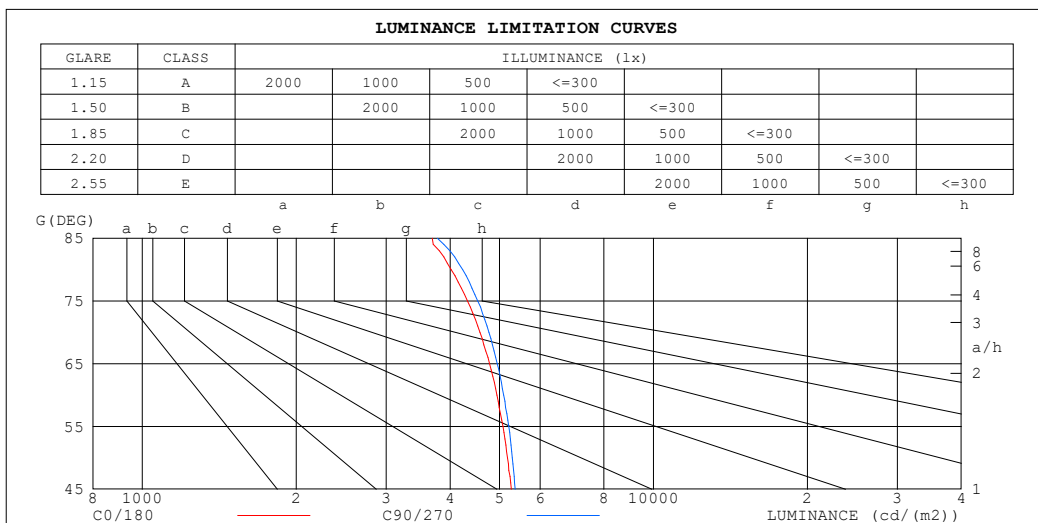
%lamp = 77.2%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:MA NENG
 Test Date:2025-09-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:8.440m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.23V I:0.3298A P:39.531W PF:0.9970 Freq:60.04Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4820.44x1 lm		
Name: ASD-BSP-14A40	Type: 40W	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES1-LAB
MFR.: ASD Lighting Corp	SUR.: 1.163*0.253	shielding angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3690	3776
80	4018	4233
75	4324	4532
70	4573	4765
65	4777	4947
60	4941	5093
55	5075	5208
50	5182	5298
45	5272	5362

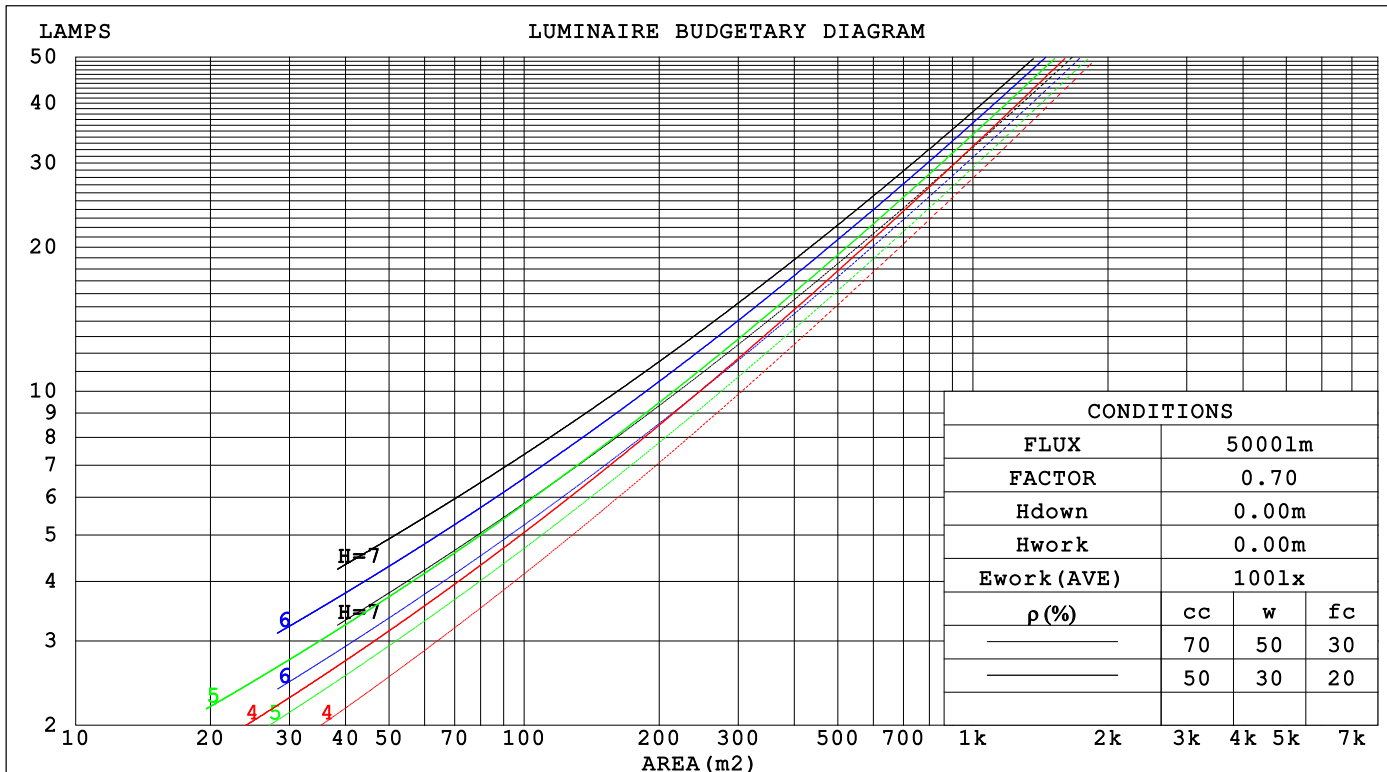
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:MA NENG
Test Date:2025-09-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.23V I:0.3298A P:39.531W PF:0.9970 Freq:60.04Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4820.44x1 lm		
Name: ASD-BSP-14A40	Type: 40W	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES1-LAB
MFR.: ASD Lighting Corp	SUR.: 1.163*0.253	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	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.93	.97	.93	.90	.93	.90	.87	.89	.87	.85	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.78	.74	.71	.68
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.65	.61	.68	.64	.60	.57
4.0	.70	.61	.54	.68	.60	.53	.66	.58	.53	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.50	.44	.39	.37
7.0	.51	.42	.35	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.31	.44	.37	.31	.43	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.35	.30	.25	.23



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:MA NENG
Test Date:2025-09-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.23V I:0.3298A P:39.531W PF:0.9970 Freq:60.04Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4820.44x1 lm		
Name: ASD-BSP-14A40	Type: 40W	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES1-LAB
MFR.: ASD Lighting Corp	SUR.: 1.163*0.253	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	.317	.180	.057	.310	.177	.056	.296	.170	.054	.284	.164	.052	.272	.158	.051		
2.0	.296	.162	.050	.290	.160	.049	.278	.155	.048	.267	.150	.047	.256	.145	.046		
3.0	.273	.145	.044	.268	.143	.043	.257	.139	.042	.247	.135	.042	.238	.132	.041		
4.0	.252	.131	.038	.247	.129	.038	.237	.126	.038	.228	.123	.037	.220	.120	.036		
5.0	.232	.118	.034	.228	.117	.034	.219	.114	.034	.211	.112	.033	.204	.109	.033		
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.197	.102	.030	.190	.100	.030		
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.187	.091	.026	.184	.090	.026	.177	.089	.025	.172	.087	.025	.166	.085	.025		
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.161	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.021	.148	.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	.196	.196	.196	.167	.167	.167	.114	.114	.114	.066	.066	.066	.021	.021	.021	
1.0	.186	.161	.139	.159	.138	.120	.109	.095	.083	.063	.055	.048	.020	.018	.016	
2.0	.178	.137	.103	.153	.118	.089	.105	.082	.062	.060	.047	.036	.019	.015	.012	
3.0	.170	.120	.079	.146	.103	.069	.100	.072	.048	.058	.042	.028	.019	.014	.009	
4.0	.163	.106	.063	.140	.092	.055	.096	.064	.039	.056	.037	.023	.018	.012	.008	
5.0	.155	.096	.052	.133	.083	.045	.092	.058	.032	.053	.034	.019	.017	.011	.006	
6.0	.148	.088	.044	.127	.076	.038	.088	.053	.027	.051	.031	.016	.016	.010	.005	
7.0	.141	.081	.038	.121	.070	.033	.084	.049	.024	.049	.029	.014	.016	.009	.005	
8.0	.135	.075	.034	.116	.065	.030	.080	.046	.021	.047	.027	.012	.015	.009	.004	
9.0	.129	.070	.030	.111	.061	.027	.077	.043	.019	.045	.025	.011	.014	.008	.004	
10.0	.123	.066	.028	.106	.057	.024	.073	.040	.017	.043	.024	.010	.014	.008	.003	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:MA NENG
Test Date:2025-09-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.23V I:0.3298A P:39.531W PF:0.9970 Freq:60.04Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4820.44x1 lm										
Name: ASD-BSP-14A40					Type: 40W			Weight:		
SPEC.: 5000K					DIM.:			Instrument No.: HUP-IES1-LAB		
MFR.: ASD Lighting Corp					SUR.: 1.163*0.253			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	18.5	20.0	18.8	20.2	20.4	18.6	20.1	18.9	20.4	20.6
3H	20.0	21.4	20.3	21.7	21.9	20.2	21.6	20.5	21.9	22.1
4H	20.7	22.0	21.0	22.3	22.6	20.9	22.2	21.2	22.5	22.7
6H	21.1	22.4	21.5	22.7	23.0	21.4	22.6	21.7	22.9	23.2
8H	21.3	22.5	21.7	22.8	23.1	21.5	22.8	21.9	23.0	23.4
12H	21.4	22.6	21.8	22.9	23.2	21.6	22.8	22.0	23.1	23.4
4H 2H	19.1	20.5	19.4	20.7	21.0	19.2	20.6	19.5	20.8	21.1
3H	20.9	22.0	21.2	22.3	22.7	21.0	22.2	21.4	22.5	22.8
4H	21.6	22.7	22.0	23.0	23.4	21.8	22.9	22.2	23.2	23.6
6H	22.2	23.2	22.6	23.6	23.9	22.4	23.4	22.8	23.7	24.1
8H	22.5	23.3	22.9	23.7	24.1	22.7	23.5	23.1	23.9	24.3
12H	22.6	23.4	23.0	23.8	24.2	22.8	23.6	23.3	24.0	24.5
8H 4H	21.9	22.8	22.3	23.2	23.6	22.1	23.0	22.5	23.3	23.7
6H	22.7	23.4	23.1	23.9	24.3	22.9	23.6	23.3	24.0	24.5
8H	23.0	23.7	23.5	24.1	24.6	23.2	23.8	23.7	24.3	24.8
12H	23.2	23.8	23.7	24.3	24.8	23.4	24.0	23.9	24.5	25.0
12H 4H	21.9	22.8	22.4	23.2	23.6	22.1	22.9	22.5	23.3	23.7
6H	22.8	23.4	23.2	23.9	24.3	22.9	23.6	23.4	24.0	24.5
8H	23.1	23.7	23.6	24.1	24.6	23.3	23.9	23.8	24.3	24.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 4820 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 5.5)
Area: 0.2942 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:MA NENG
Test Date:2025-09-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.23V I:0.3298A P:39.531W PF:0.9970 Freq:60.04Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4820.44x1 lm		
Name: ASD-BSP-14A40	Type: 40W	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES1-LAB
MFR.: ASD Lighting Corp	SUR.: 1.163*0.253	shielding angle:

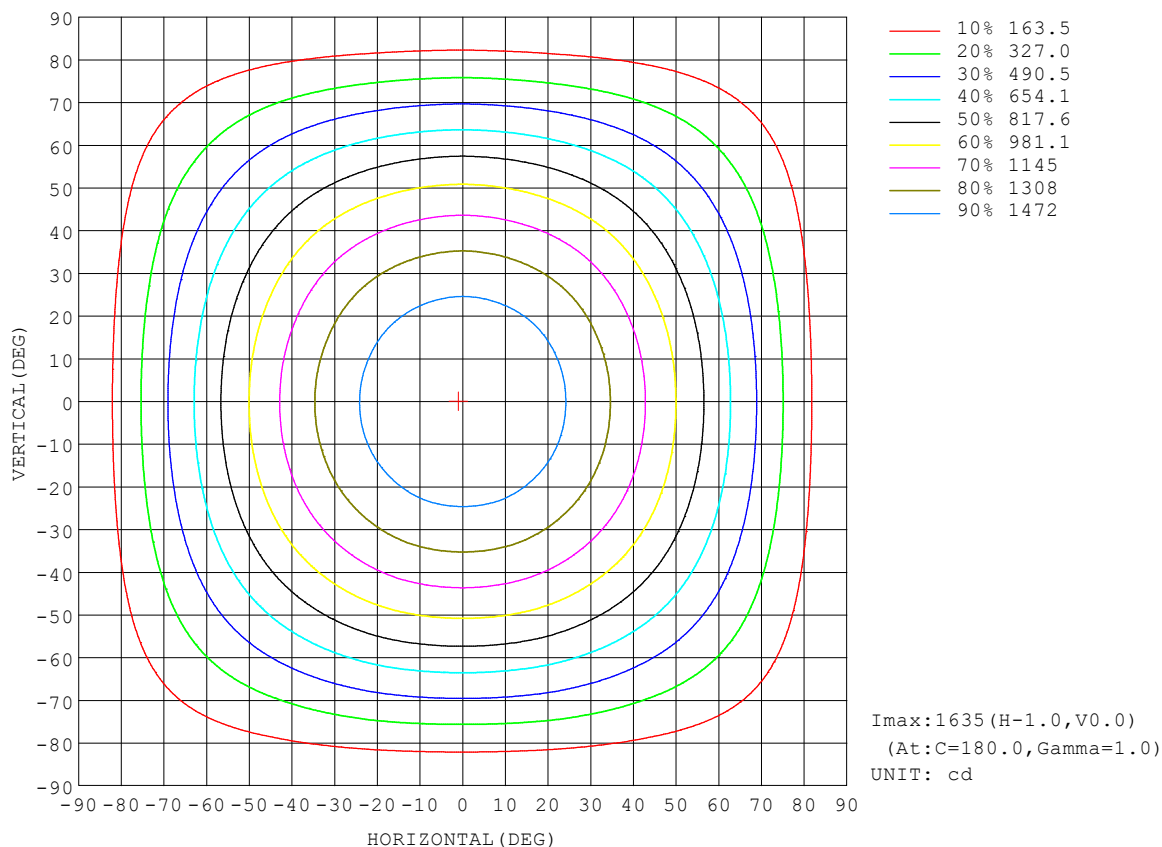
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	47	64	54	47	40
1.00	75	64	56	74	63	56	72	65	56	48
1.25	82	72	64	81	71	64	78	69	63	56
1.50	87	77	70	86	76	70	82	74	68	61
2.00	94	86	79	92	84	78	89	82	77	68
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	97	101	97	94	85
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: MA NENG
Test Date: 2025-09-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity: 65.0%
Test Distance: 8.440m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.23V I:0.3298A P:39.531W PF:0.9970 Freq:60.04Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4820.44x1 lm		
Name: ASD-BSP-14A40	Type: 40W	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES1-LAB
MFR.: ASD Lighting Corp	SUR.: 1.163*0.253	shielding angle:

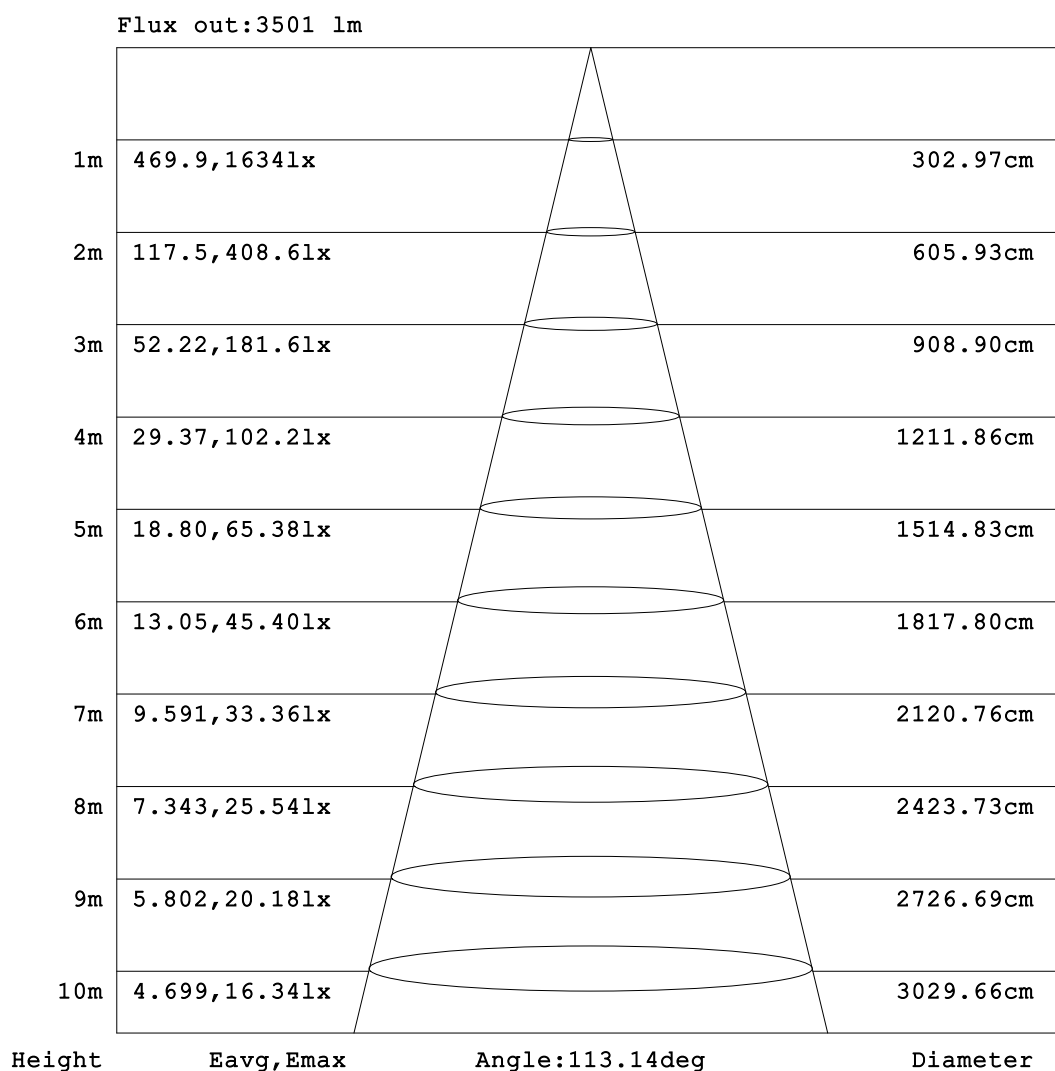


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:MA NENG
Test Date:2025-09-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.23V I:0.3298A P:39.531W PF:0.9970 Freq:60.04Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4820.44x1 lm		
Name: ASD-BSP-14A40	Type: 40W	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES1-LAB
MFR.: ASD Lighting Corp	SUR.: 1.163*0.253	shielding angle:



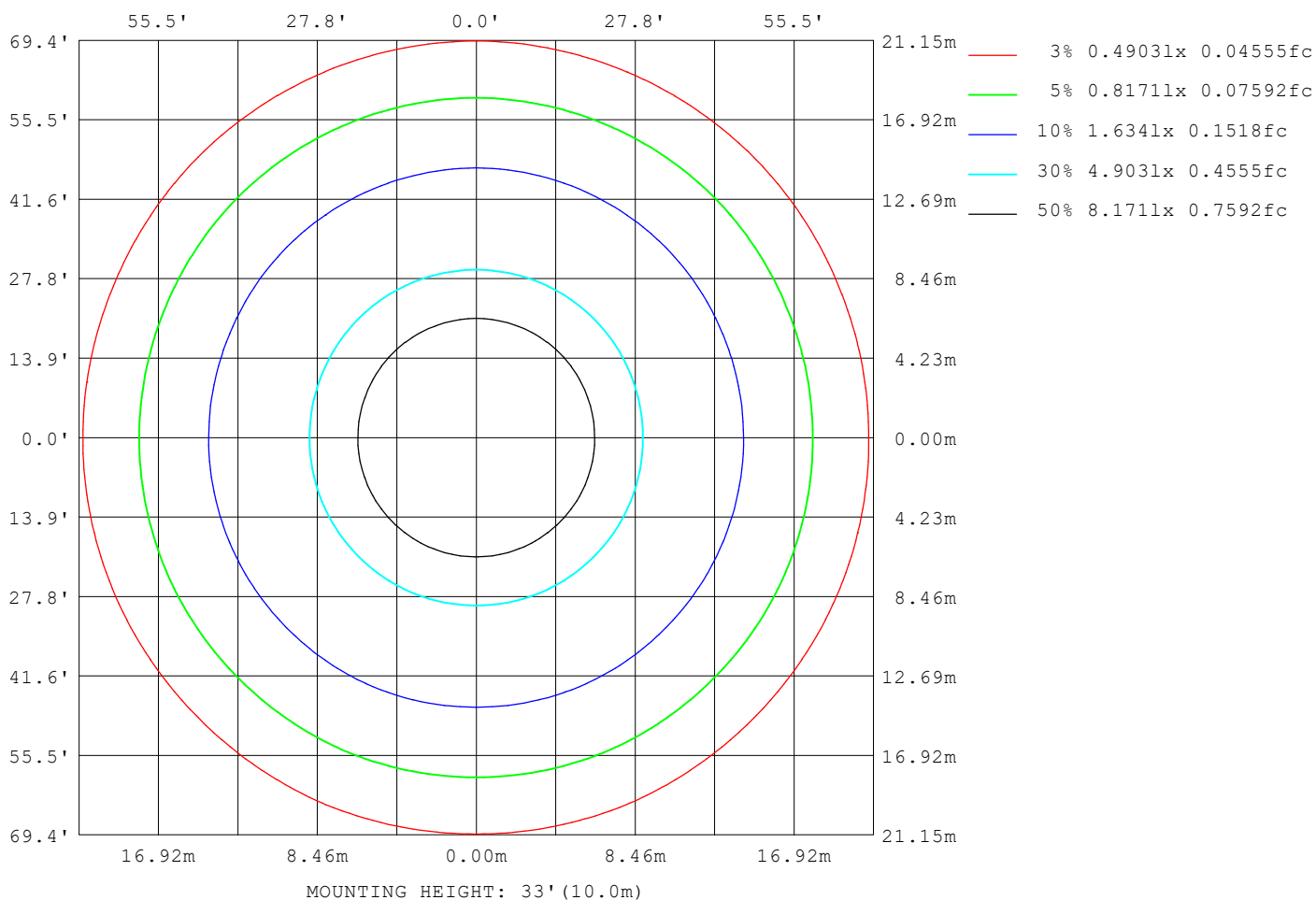
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:MA NENG
Test Date:2025-09-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.23V I:0.3298A P:39.531W PF:0.9970 Freq:60.04Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4820.44x1 lm		
Name: ASD-BSP-14A40	Type: 40W	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES1-LAB
MFR.: ASD Lighting Corp	SUR.: 1.163*0.253	shielding angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:MA NENG
Test Date:2025-09-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.23V I:0.3298A P:39.531W PF:0.9970 Freq:60.04Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4820.44x1 lm		
Name: ASD-BSP-14A40	Type: 40W	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES1-LAB
MFR.: ASD Lighting Corp	SUR.: 1.163*0.253	shielding angle:

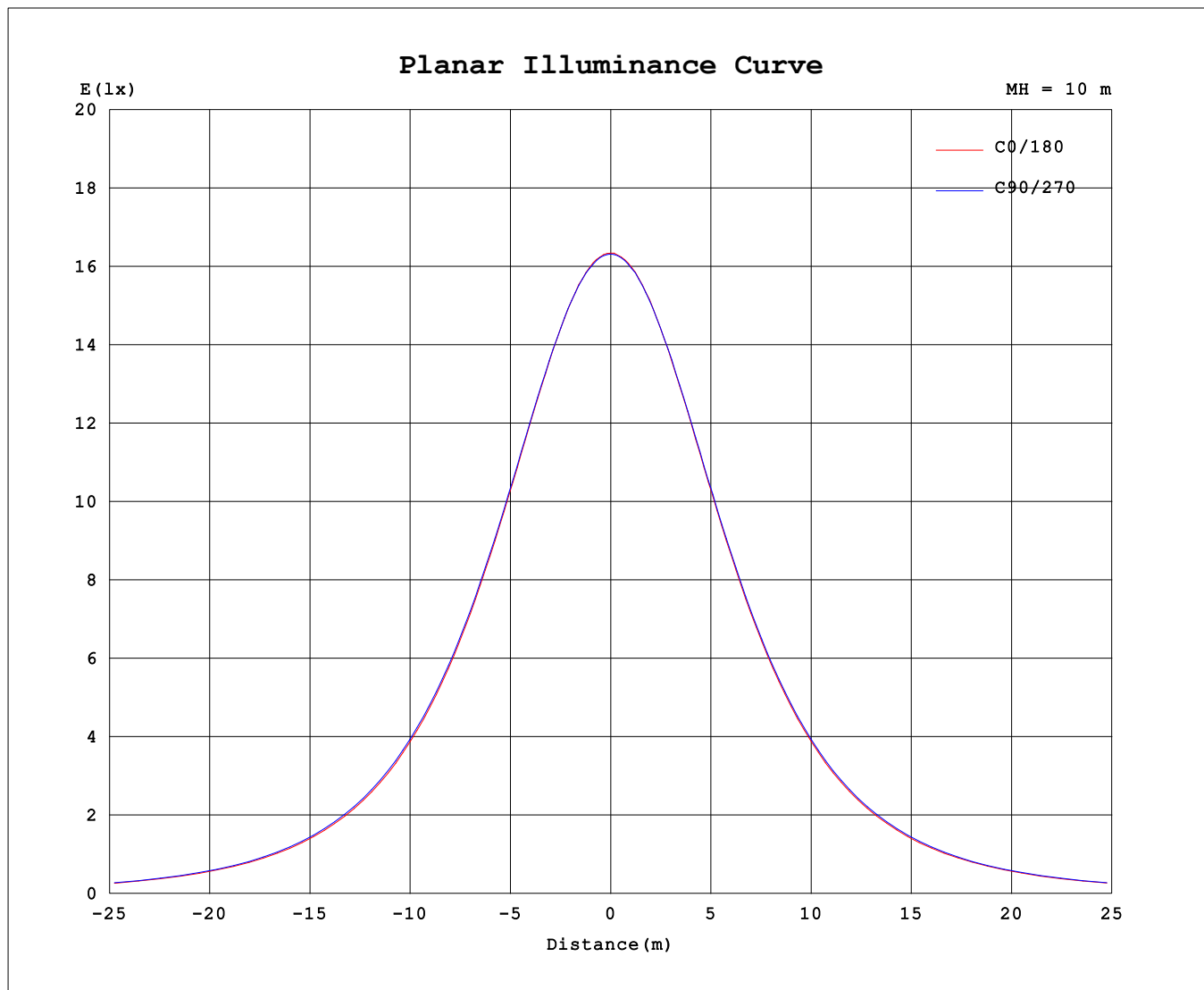
AvgL	cd/m2
L_0~180 (65) av	4798
L_0~180 (75) av	4372
L_0~180 (85) av	3832
L_90~270 (65) av	4951
L_90~270 (75) av	4552
L_90~270 (85) av	3827
L_45 (65) av	4871
L_45 (75) av	4437
L_45 (85) av	3647

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:MA NENG
Test Date:2025-09-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: MA NENG
Test Date: 2025-09-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.473
Humidity: 65.0%
Test Distance: 8.440m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.23V I:0.3298A P:39.531W PF:0.9970 Freq:60.04Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:4820.44x1 lm		
Name: ASD-BSP-14A40			Type: 40W			Weight:		
SPEC.: 5000K			DIM.:			Instrument No.: HUP-IES1-LAB		
MFR.: ASD Lighting Corp			SUR.: 1.163*0.253			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	1634	1633	1633	1631	1632	1632	1632	1634	1634	1633	1633	1631	1632	1632	1632	1634			
5	1628	1626	1625	1626	1624	1626	1625	1626	1627	1625	1625	1624	1624	1625	1627	1626			
10	1606	1606	1605	1605	1605	1605	1604	1606	1605	1603	1605	1602	1605	1605	1605	1606			
15	1571	1572	1571	1572	1572	1572	1571	1571	1570	1568	1570	1570	1571	1571	1571	1571			
20	1521	1523	1524	1526	1526	1526	1523	1523	1521	1520	1523	1522	1525	1524	1523	1522			
25	1460	1463	1464	1468	1467	1468	1463	1462	1461	1459	1463	1464	1466	1464	1464	1460			
30	1386	1390	1391	1396	1396	1396	1391	1389	1387	1386	1390	1391	1395	1392	1390	1386			
35	1301	1304	1308	1314	1313	1313	1308	1303	1302	1300	1306	1308	1312	1308	1306	1301			
40	1203	1209	1212	1219	1219	1219	1212	1208	1205	1204	1211	1214	1219	1215	1211	1204			
45	1097	1102	1107	1115	1115	1115	1107	1102	1098	1097	1107	1110	1114	1109	1106	1097			
50	980	987	992	1001	1002	1002	992	987	982	982	992	995	1001	995	991	981			
55	856	863	869	878	879	880	869	863	860	859	870	874	878	873	867	857			
60	727	733	739	749	749	750	740	734	731	730	741	745	749	744	739	728			
65	594	600	605	616	615	616	605	602	599	598	608	612	616	610	604	595			
70	460	467	469	480	479	480	471	469	466	465	474	476	481	474	470	461			
75	329	335	336	346	345	346	338	338	336	334	341	342	348	340	337	329			
80	205	208	208	215	216	216	210	212	212	209	213	214	219	211	208	204			
85	94.6	95.1	91.5	95.5	96.8	96.5	93.9	100	102	97.9	96.6	94.7	99.4	91.5	92.0	91.7			
90	28.1	27.6	21.1	13.9	4.16	12.9	20.5	27.9	30.5	28.0	23.4	13.7	4.97	11.7	20.5	25.2			
95	2.08	2.05	2.11	2.21	2.18	2.21	2.11	2.04	2.12	2.22	2.32	2.36	2.34	2.36	2.31	2.25			
100	2.36	2.45	2.52	2.62	2.65	2.64	2.54	2.48	2.59	2.65	2.77	2.80	2.82	2.80	2.75	2.61			
105	2.81	2.88	2.95	3.07	3.11	3.09	2.98	2.91	3.08	3.12	3.23	3.28	3.32	3.29	3.21	3.07			
110	3.27	3.32	3.37	3.50	3.52	3.50	3.43	3.36	3.59	3.59	3.70	3.76	3.79	3.76	3.69	3.55			
115	3.76	3.76	3.80	3.92	3.96	3.93	3.85	3.83	4.10	4.08	4.19	4.23	4.27	4.23	4.14	4.04			
120	4.27	4.23	4.24	4.37	4.42	4.38	4.29	4.31	4.59	4.59	4.67	4.70	4.75	4.72	4.62	4.53			
125	4.79	4.72	4.69	4.85	4.90	4.85	4.75	4.80	5.11	5.08	5.15	5.20	5.23	5.22	5.12	5.05			
130	5.33	5.22	5.21	5.36	5.39	5.35	5.26	5.28	5.63	5.55	5.63	5.68	5.71	5.70	5.64	5.57			
135	5.83	5.73	5.74	5.84	5.84	5.82	5.75	5.74	6.11	6.00	6.10	6.16	6.17	6.17	6.15	6.11			
140	6.25	6.18	6.20	6.26	6.23	6.23	6.16	6.16	6.58	6.42	6.49	6.57	6.61	6.62	6.61	6.58			
145	6.72	6.64	6.65	6.68	6.64	6.64	6.58	6.57	7.04	6.81	6.88	6.96	7.03	7.00	7.05	7.02			
150	7.23	7.14	7.11	7.09	7.06	7.08	7.03	7.02	7.45	7.16	7.22	7.30	7.37	7.34	7.44	7.44			
155	7.71	7.62	7.51	7.44	7.45	7.46	7.42	7.43	7.82	7.47	7.53	7.61	7.65	7.64	7.78	7.83			
160	8.13	8.02	7.82	7.77	7.83	7.82	7.77	7.81	8.20	7.83	7.83	7.94	7.93	7.94	8.10	8.23			
165	8.55	8.37	8.15	8.09	8.19	8.15	8.14	8.19	8.53	8.11	8.09	8.18	8.23	8.18	8.35	8.53			
170	8.92	8.67	8.43	8.38	8.51	8.45	8.49	8.54	8.94	8.47	8.43	8.45	8.54	8.43	8.60	8.78			
175	9.13	8.79	8.59	8.57	8.70	8.62	8.68	8.82	9.19	8.75	8.65	8.56	8.76	8.65	8.78	8.93			
180	9.20	8.83	8.71	8.69	8.82	8.71	8.82	8.96	9.21	8.83	8.71	8.66	8.81	8.73	8.82	8.96			

C Range: 0 - 360DEG
C Interval: 22.5DEG
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