

LED Downlight SENSE Series S100R1-13W-940-N



Light Output Ratio:	100.0%	
Luminaire Power:	14.33 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-16

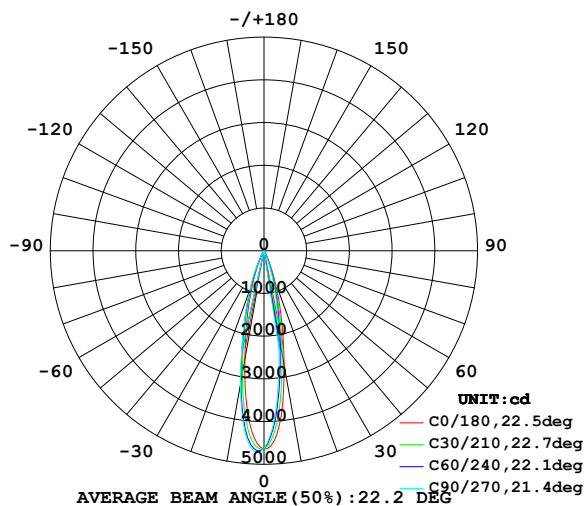
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

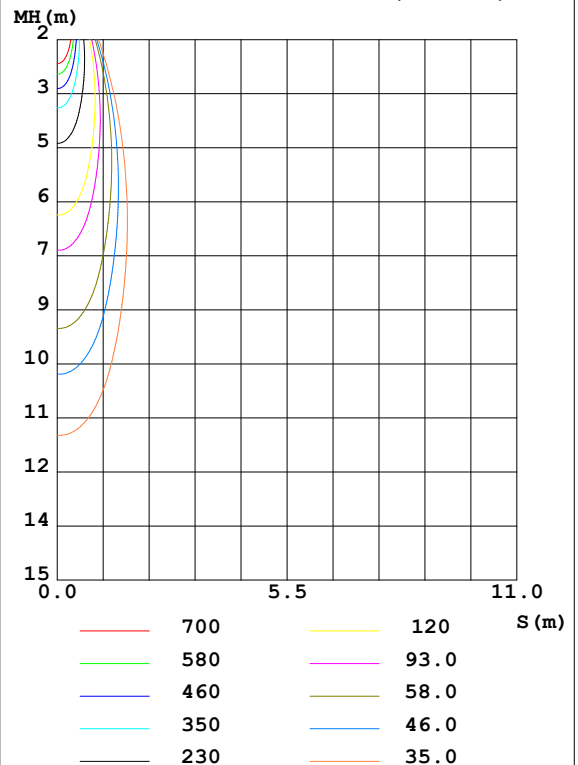
Test:U:220.7V I:0.0707A P:14.33W PF:0.9183 Lamp Flux:902.949x1 lm		
NAME: S100R1-13W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 108mm*H126mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 63.02 lm/W			
MODEL	CITIZEN-4000K	I <sub>max</sub> (cd)	4726	S/MH (C0/180)	0.37
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	0.44
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	902.95	$\eta$ UP, DN (C0-180)	0.0, 41.9
NOMINAL FLUX (lm)	902.949	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0, 58.1
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)	220	$\eta$ down (%)	100.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



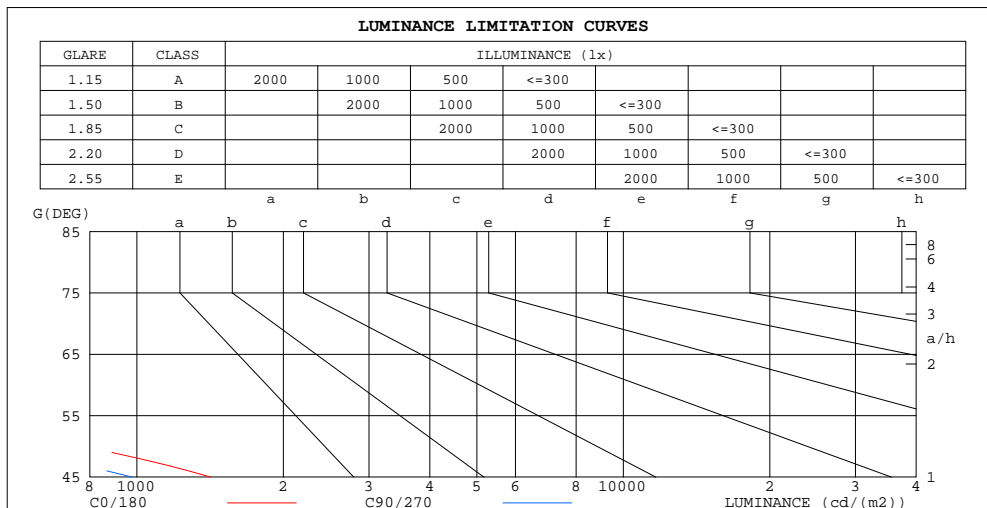
C Range: 0 - 360DEG  
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 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
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$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity: 52%  
 Test Distance: 5.850m [K=1.0000]  
 Remarks:

**ZONAL FLUX DIAGRAM  
AND LUMINANCE LIMITATION CURVES**

**ZONAL FLUX DIAGRAM:**

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	2721	2329	2013	2121	2605	3001	3175	3060	0- 10	337.1	337.1	37.3,37.3
20	729.1	556.7	435.4	480.0	683.3	870.3	947.2	898.2	10- 20	403.8	740.9	82.1,82.1
30	78.87	54.97	38.61	41.27	69.74	108.0	113.0	100.2	20- 30	132.4	873.3	96.7,96.7
40	16.08	14.05	11.54	11.84	14.68	18.65	18.54	17.96	30- 40	20.39	893.6	99,99
50	4.586	3.730	3.130	3.270	4.007	5.236	5.938	5.854	40- 50	6.933	900.6	99.7,99.7
60	0.7501	0.5166	0.3735	0.3748	0.5707	0.9137	1.258	1.176	50- 60	2.080	902.7	100,100
70	0.0722	0.0546	0.0745	0.0546	0.0436	0.0612	0.0350	0.0613	60- 70	0.2029	902.9	100,100
80	0.0459	0.0437	0.0525	0.0459	0.0306	0.0350	0.0328	0.0328	70- 80	0.0463	902.9	100,100
90	0.0459	0.0437	0.0481	0.0481	0.0306	0.0328	0.0328	0.0328	80- 90	0.0430	902.9	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	58	60
80	29	33
75	20	23
70	23	24
65	21	30
60	164	82
55	435	293
50	779	532
45	1419	979

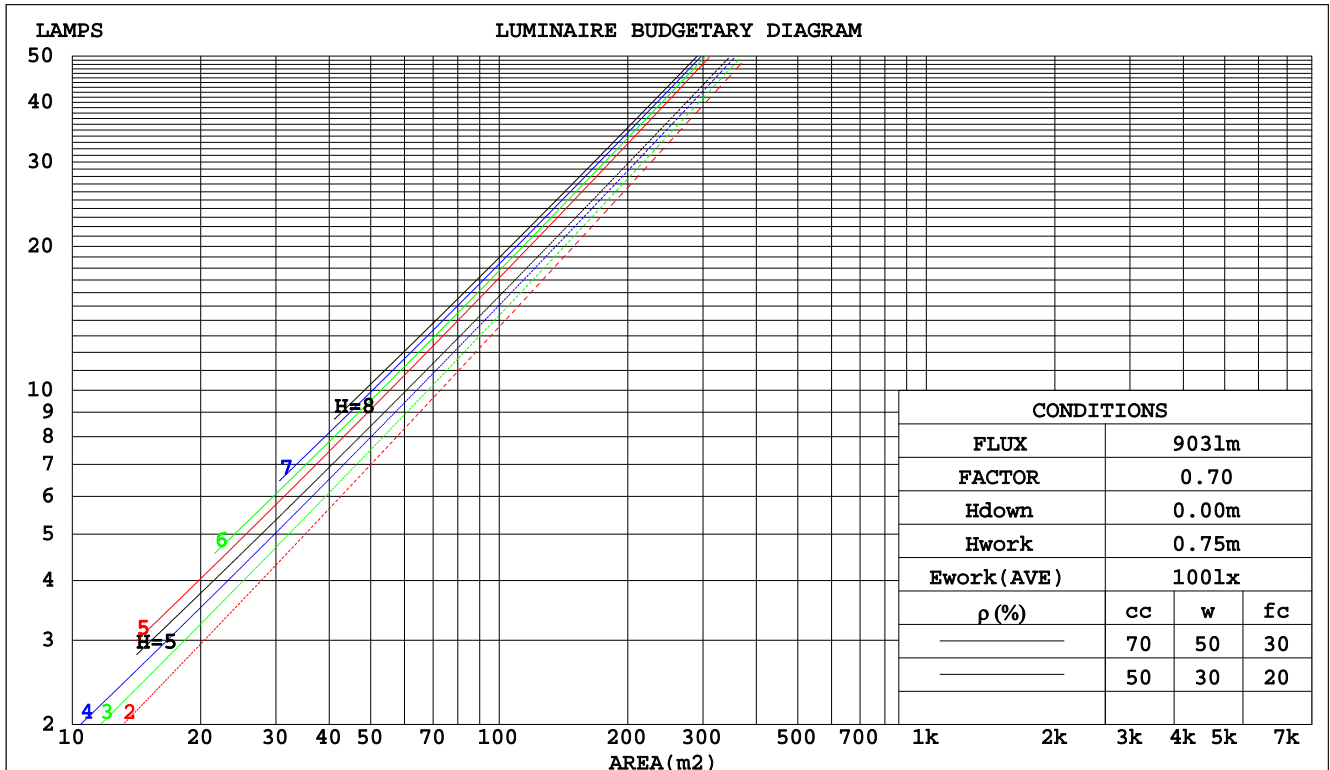
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-16

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity:52%  
Test Distance:5.850m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0707A P:14.33W PF:0.9183 Lamp Flux:902.949x1 lm		
NAME: S100R1-13W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 108mm*H126mm	
MFR.: NEKO LIGHTING AG		

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.00
1.0	1.13	1.11	1.10	1.11	1.09	1.08	1.07	1.06	1.05	1.03	1.02	1.01	.00	.99	.99	.97
2.0	1.08	1.05	1.03	1.06	1.04	1.01	1.03	1.01	.99	1.00	.99	.97	.98	.96	.95	.94
3.0	1.04	1.00	.97	1.02	.99	.96	.00	.97	.95	.98	.95	.94	.95	.94	.92	.91
4.0	.00	.96	.93	.99	.95	.92	.97	.94	.91	.95	.92	.90	.93	.91	.89	.88
5.0	.96	.92	.89	.95	.92	.89	.94	.91	.88	.92	.90	.87	.91	.89	.87	.86
6.0	.93	.89	.86	.92	.89	.86	.91	.88	.85	.90	.87	.85	.89	.86	.84	.83
7.0	.90	.86	.83	.90	.86	.83	.89	.85	.83	.88	.85	.82	.87	.84	.82	.81
8.0	.88	.84	.81	.87	.83	.81	.86	.83	.80	.85	.82	.80	.85	.82	.80	.79
9.0	.85	.81	.79	.85	.81	.78	.84	.81	.78	.83	.80	.78	.83	.80	.78	.77
10.0	.83	.79	.76	.83	.79	.76	.82	.79	.76	.81	.78	.76	.81	.78	.76	.75



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WEC AND CCEC

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$\rho_{cc}$	80%			70%			50%			30%			10%			0	
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
$\rho_{fc}$	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.134	.076	.024	.127	.072	.023	.115	.066	.021	.103	.060	.019	.093	.054	.017		
2.0	.124	.068	.021	.118	.065	.020	.108	.060	.019	.099	.055	.017	.090	.051	.016		
3.0	.115	.061	.018	.110	.059	.018	.102	.055	.017	.094	.052	.016	.087	.048	.015		
4.0	.108	.056	.016	.104	.054	.016	.097	.051	.015	.090	.048	.015	.084	.046	.014		
5.0	.101	.052	.015	.098	.050	.015	.092	.048	.014	.086	.046	.014	.081	.043	.013		
6.0	.096	.048	.014	.093	.047	.014	.088	.045	.013	.083	.043	.013	.078	.041	.012		
7.0	.091	.045	.013	.089	.044	.013	.084	.043	.012	.080	.041	.012	.076	.039	.012		
8.0	.087	.042	.012	.085	.042	.012	.081	.040	.012	.077	.039	.011	.073	.038	.011		
9.0	.083	.040	.011	.081	.039	.011	.078	.038	.011	.074	.037	.011	.071	.036	.010		
10.0	.079	.038	.011	.078	.038	.010	.075	.037	.010	.072	.036	.010	.069	.035	.010		

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.168	.158	.148	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.150	.133	.118	.128	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.135	.113	.096	.115	.098	.083	.079	.068	.059	.046	.040	.034	.015	.013	.011	
4.0	.122	.098	.079	.105	.085	.069	.072	.059	.049	.042	.035	.029	.013	.011	.009	
5.0	.111	.085	.066	.096	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.102	.075	.056	.088	.065	.049	.061	.046	.035	.035	.027	.021	.011	.009	.007	
7.0	.095	.067	.048	.081	.058	.042	.056	.041	.030	.033	.024	.018	.011	.008	.006	
8.0	.088	.060	.041	.076	.052	.036	.053	.037	.026	.031	.022	.015	.010	.007	.005	
9.0	.082	.055	.036	.071	.047	.031	.049	.033	.022	.029	.020	.013	.009	.006	.004	
10.0	.078	.050	.032	.067	.043	.028	.046	.031	.020	.027	.018	.012	.009	.006	.004	

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 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity:52%  
 Test Distance:5.850m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.7V I:0.0707A P:14.33W PF:0.9183 Lamp Flux:902.949x1 lm										
NAME: S100R1-13W-940-N					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: $\phi$ 108mm*H126mm					
MFR.: NEKO LIGHTING AG										
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	1.3	1.9	1.5	2.1	2.2	-0.7	-0.1	-0.5	0.1	0.2
3H	1.2	1.8	1.4	1.9	2.1	-0.8	-0.3	-0.6	-0.1	0.1
4H	1.1	1.7	1.4	1.9	2.1	-0.9	-0.4	-0.7	-0.2	0.1
6H	1.0	1.5	1.3	1.8	2.0	-1.0	-0.5	-0.7	-0.2	-0.0
8H	1.0	1.5	1.3	1.7	2.0	-1.0	-0.5	-0.8	-0.3	-0.0
12H	0.9	1.4	1.2	1.7	1.9	-1.1	-0.6	-0.8	-0.3	-0.1
4H 2H	1.1	1.7	1.4	1.9	2.1	-0.9	-0.3	-0.6	-0.1	0.1
3H	0.9	1.4	1.2	1.7	2.0	-1.1	-0.6	-0.8	-0.3	-0.0
4H	0.8	1.3	1.2	1.6	1.9	-1.2	-0.7	-0.8	-0.4	-0.1
6H	0.7	1.1	1.1	1.5	1.8	-1.3	-0.8	-0.9	-0.5	-0.2
8H	0.7	1.1	1.1	1.4	1.8	-1.3	-0.9	-0.9	-0.6	-0.2
12H	0.6	1.0	1.0	1.3	1.7	-1.4	-1.0	-0.9	-0.6	-0.3
8H 4H	0.7	1.1	1.1	1.4	1.8	-1.3	-0.9	-0.9	-0.6	-0.2
6H	0.6	0.9	1.0	1.3	1.7	-1.4	-1.1	-1.0	-0.7	-0.3
8H	0.5	0.8	1.0	1.2	1.6	-1.5	-1.2	-1.0	-0.8	-0.3
12H	0.5	0.7	0.9	1.1	1.6	-1.5	-1.3	-1.1	-0.8	-0.4
12H 4H	0.6	1.0	1.0	1.3	1.7	-1.4	-1.0	-1.0	-0.7	-0.3
6H	0.5	0.8	1.0	1.2	1.6	-1.5	-1.2	-1.0	-0.8	-0.4
8H	0.5	0.7	0.9	1.1	1.6	-1.5	-1.3	-1.1	-0.9	-0.4
Variations with the observer position at spacings:										
S = 1.0H	+ 3.0 / - 9.0					+ 2.5 / - 9.8				
1.5H	+ 4.4 / - 6.6					+ 3.7 / - 5.8				
2.0H	+ 6.1 / -15.5					+ 5.2 / -13.4				

CIE Pub.117 Corrected 902.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.4)

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UTILIZATION FACTORS TABLE

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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) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	82	90	85	82	90	85	82	78
0.80	98	93	89	97	92	89	96	92	89	86
1.00	102	97	93	101	96	93	99	96	93	89
1.25	105	101	98	104	100	97	102	99	96	92
1.50	108	103	100	106	103	100	104	101	99	95
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	107	104	107	104	102	97
3.00	113	110	107	111	108	106	108	106	104	98
4.00	115	112	110	113	110	109	109	107	106	99
5.00	116	114	112	114	112	110	110	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

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ISOCANDELA DIAGRAM

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Conical surface Flux(90deg):

897.99 lm

%lum = 99.5%

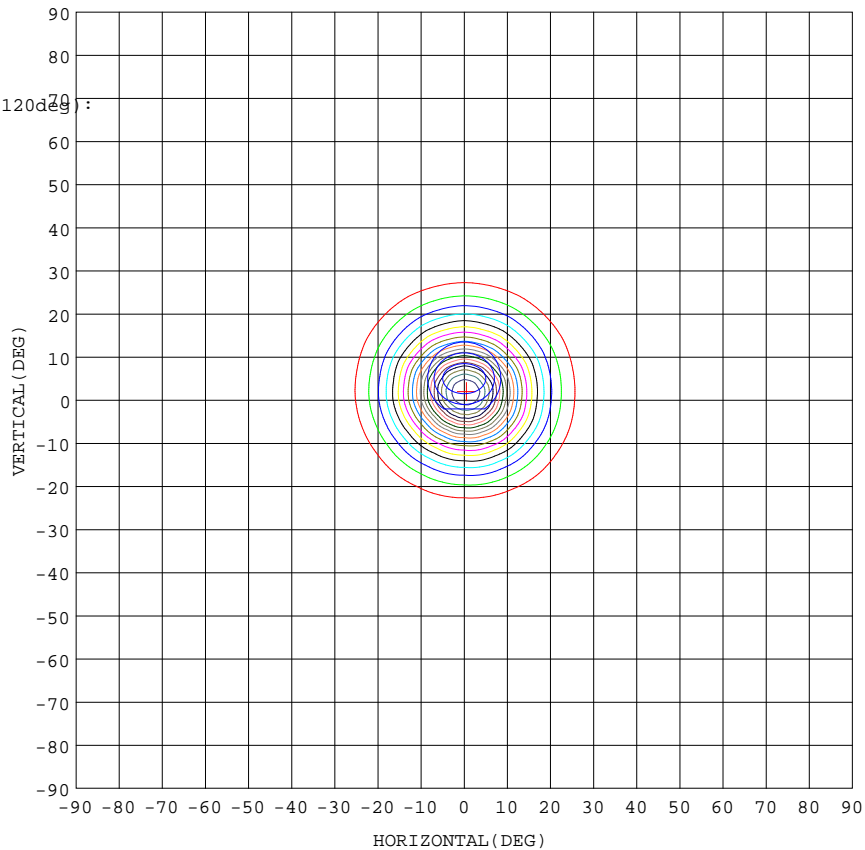
%lamp = 99.5%

Conical surface Flux(120deg):

902.66 lm

%lum = 100.0%

%lamp = 100.0%



1. AVG=4233, MIN=3599
2. AVG=3980, MIN=2866
3. AVG=3684, MIN=2171

Imax:4724 (H0.5,V2.0)  
(At:C=285.0, Gamma=2.0)

UNIT: cd

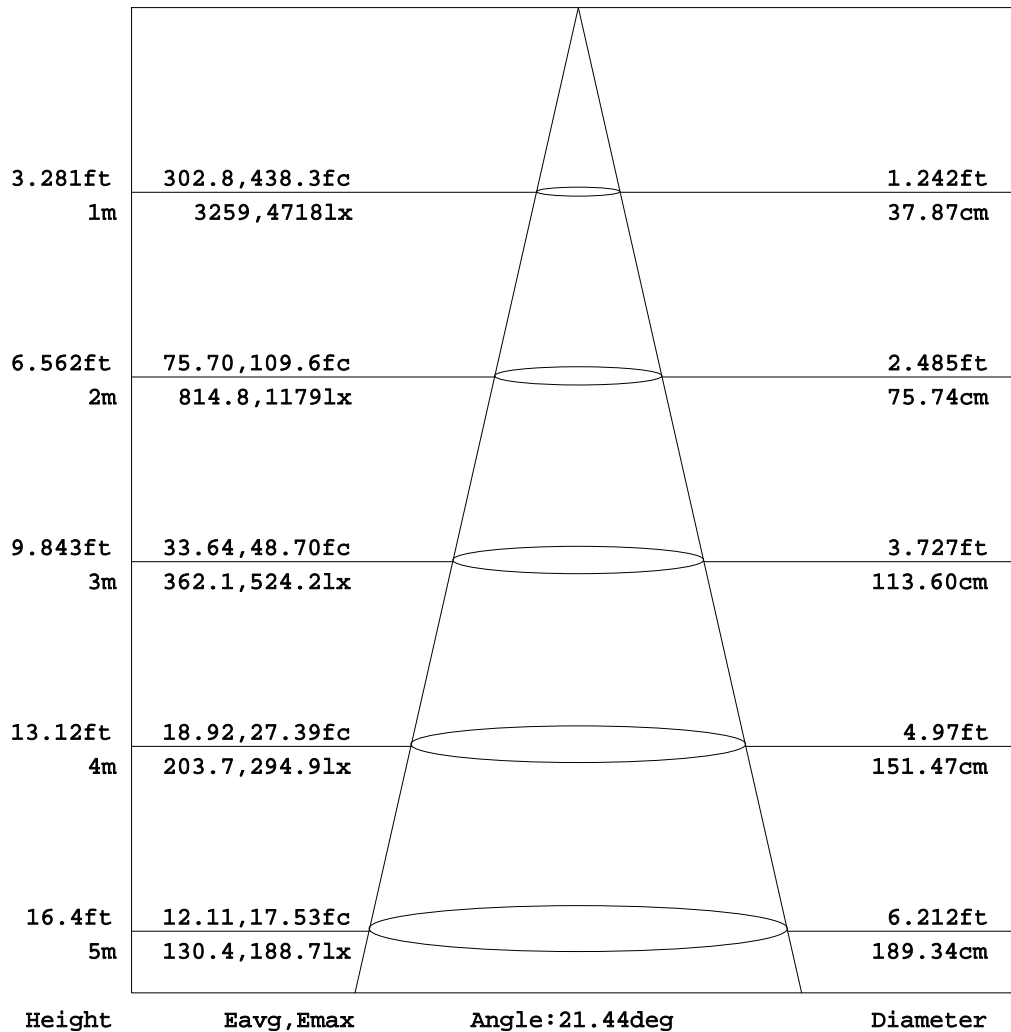
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**AAI Figure**

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Flux out:386.9 lm



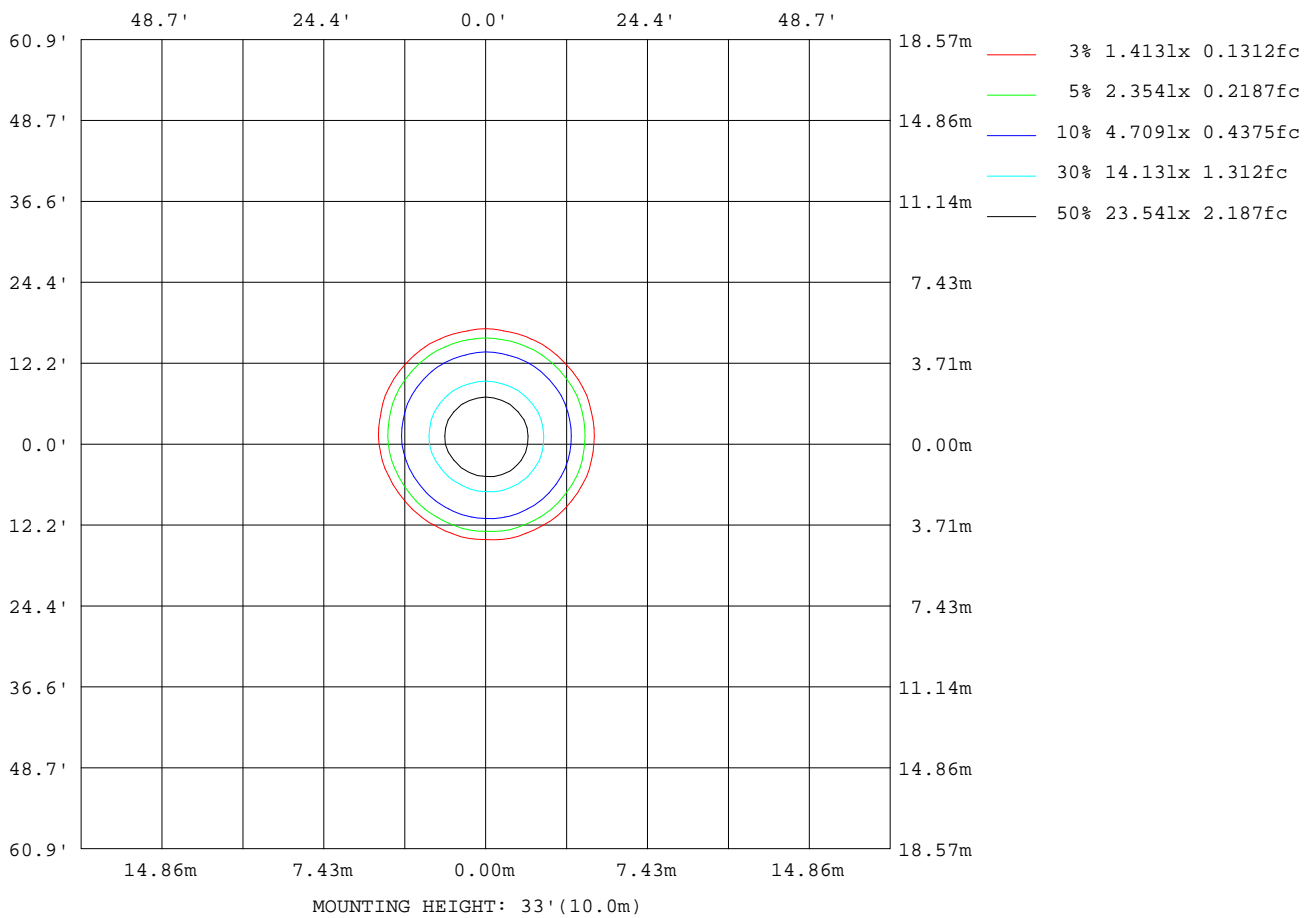
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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**ISOLUX DIAGRAM**

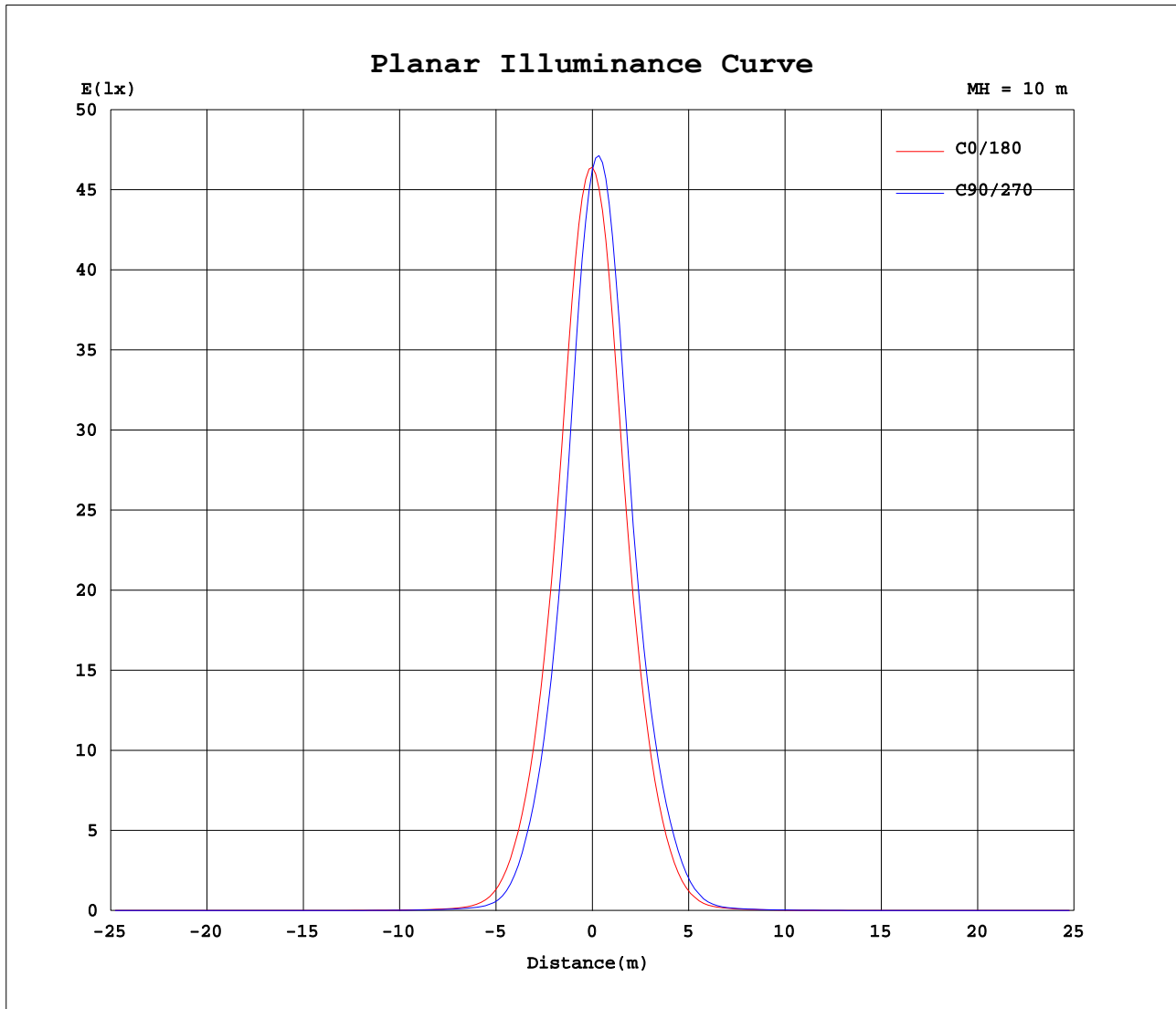
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Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-16

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

```

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γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

```

Photometric Data Table [cd]

G/C	0.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0
0.0	4641	4636	4632	4634	4626	4635	4626	4637	4628	4638
3.0	4468	4404	4308	4251	4163	4137	4085	4103	4099	4157
6.0	3875	3764	3596	3490	3336	3275	3189	3209	3209	3312
9.0	3010	2898	2721	2604	2439	2366	2271	2284	2284	2390
12.0	2191	2101	1949	1847	1709	1642	1561	1566	1569	1659
15.0	1526	1454	1329	1254	1136	1087	1026	1030	1035	1103
18.0	1001	945.1	851.2	791.7	715.0	679.9	639.1	643.0	645.5	693.5
21.0	612.5	569.6	508.1	458.1	404.3	378.8	349.4	351.6	355.7	391.8
24.0	338.1	309.6	264.8	235.3	200.0	182.3	164.0	163.1	168.0	190.1
27.0	166.0	150.7	126.9	110.6	91.13	80.67	71.69	72.88	74.17	84.32
30.0	78.87	72.47	62.60	54.97	46.39	42.02	38.61	38.17	38.16	41.27
33.0	41.53	39.74	35.61	32.15	28.67	26.73	25.58	25.40	25.22	26.00
36.0	25.32	24.87	23.29	22.02	20.31	19.34	18.35	18.24	18.08	18.64
39.0	18.00	17.51	16.53	15.71	14.59	13.80	12.97	12.91	12.86	13.27
42.0	12.92	12.55	11.82	11.18	10.34	9.717	9.185	9.178	9.189	9.493
45.0	9.185	8.875	8.237	7.754	7.073	6.686	6.337	6.408	6.455	6.714
48.0	6.197	5.874	5.392	5.068	4.636	4.381	4.132	4.173	4.220	4.450
51.0	3.920	3.655	3.374	3.253	3.087	2.969	2.854	2.861	2.879	2.966
54.0	2.678	2.522	2.320	2.256	2.090	2.009	1.869	1.869	1.843	1.932
57.0	1.556	1.423	1.272	1.216	1.114	1.076	0.9867	0.9754	0.9386	0.9863
60.0	0.7501	0.6630	0.5596	0.5166	0.4436	0.4205	0.3735	0.3704	0.3515	0.3748
63.0	0.2356	0.1827	0.1434	0.1046	0.1036	0.0831	0.1278	0.0896	0.1009	0.0765
66.0	0.0809	0.0634	0.0875	0.0743	0.0962	0.0830	0.1076	0.0831	0.0940	0.0721
69.0	0.0765	0.0568	0.0787	0.0633	0.0788	0.0655	0.0875	0.0699	0.0875	0.0612
72.0	0.0635	0.0437	0.0569	0.0437	0.0570	0.0459	0.0569	0.0481	0.0548	0.0459
75.0	0.0481	0.0437	0.0481	0.0437	0.0525	0.0459	0.0547	0.0481	0.0525	0.0459
78.0	0.0481	0.0437	0.0459	0.0437	0.0503	0.0459	0.0525	0.0481	0.0503	0.0459
81.0	0.0459	0.0437	0.0459	0.0437	0.0481	0.0459	0.0503	0.0481	0.0503	0.0459
84.0	0.0459	0.0437	0.0437	0.0437	0.0459	0.0459	0.0481	0.0481	0.0481	0.0459
87.0	0.0459	0.0459	0.0437	0.0437	0.0459	0.0459	0.0481	0.0481	0.0481	0.0459
90.0	0.0459	0.0459	0.0437	0.0437	0.0459	0.0459	0.0481	0.0481	0.0481	0.0481

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	4631	4638	4641	4636	4632	4634	4626	4635	4626	4638
3.0	4196	4293	4389	4449	4529	4579	4635	4663	4689	4689
6.0	3394	3572	3751	3868	4020	4103	4199	4225	4272	4250
9.0	2478	2675	2886	3027	3211	3299	3404	3421	3474	3441
12.0	1741	1906	2088	2212	2370	2440	2525	2529	2567	2536
15.0	1171	1310	1451	1544	1676	1731	1799	1789	1818	1787
18.0	740.3	835.1	944.2	1020	1123	1170	1230	1226	1257	1228
21.0	425.4	492.8	571.8	627.8	705.8	743.6	789.3	794.0	817.5	804.7
24.0	212.9	257.8	312.5	351.5	403.9	431.2	465.8	476.8	490.8	485.1
27.0	97.60	124.4	151.8	176.2	207.4	224.8	242.9	242.9	251.6	244.7
30.0	45.26	54.36	69.74	82.66	99.40	108.0	114.3	111.6	113.0	106.6
33.0	27.01	29.93	35.92	41.55	48.89	53.62	54.11	53.58	51.33	48.53
36.0	19.17	20.73	23.53	26.14	29.25	30.31	30.90	29.71	29.65	28.81
39.0	13.67	14.69	16.54	18.22	20.27	21.02	21.36	20.78	20.81	20.50
42.0	9.784	10.43	11.62	12.75	14.22	14.79	15.05	14.65	14.77	14.66
45.0	6.884	7.370	8.138	8.898	9.928	10.39	10.71	10.55	10.66	10.55
48.0	4.583	4.911	5.446	5.847	6.571	7.039	7.447	7.448	7.627	7.627
51.0	3.019	3.170	3.430	3.701	4.177	4.496	4.854	4.981	5.180	5.228
54.0	1.977	2.142	2.390	2.577	2.878	3.060	3.261	3.346	3.460	3.502
57.0	1.004	1.122	1.296	1.435	1.676	1.857	2.095	2.192	2.324	2.352
60.0	0.3866	0.4599	0.5707	0.6532	0.7999	0.9137	1.073	1.152	1.258	1.251
63.0	0.0903	0.0829	0.1260	0.1761	0.2412	0.3033	0.3894	0.4392	0.5027	0.5027
66.0	0.0831	0.0634	0.0612	0.0678	0.0481	0.0679	0.0459	0.0706	0.0610	0.0861
69.0	0.0788	0.0611	0.0524	0.0656	0.0437	0.0634	0.0393	0.0612	0.0393	0.0656
72.0	0.0526	0.0437	0.0306	0.0460	0.0306	0.0525	0.0328	0.0547	0.0328	0.0547
75.0	0.0459	0.0437	0.0306	0.0350	0.0306	0.0372	0.0306	0.0394	0.0328	0.0416
78.0	0.0459	0.0437	0.0306	0.0328	0.0306	0.0350	0.0306	0.0350	0.0328	0.0372
81.0	0.0459	0.0437	0.0306	0.0328	0.0306	0.0350	0.0306	0.0350	0.0328	0.0350
84.0	0.0459	0.0481	0.0306	0.0328	0.0306	0.0328	0.0306	0.0350	0.0328	0.0328
87.0	0.0459	0.0459	0.0306	0.0306	0.0306	0.0328	0.0306	0.0350	0.0328	0.0328
90.0	0.0459	0.0459	0.0306	0.0306	0.0306	0.0328	0.0306	0.0328	0.0328	0.0328

G/C	300.0	315.0	330.0	345.0
0.0	4628	4638	4631	4638
3.0	4685	4654	4619	4550
6.0	4248	4188	4146	4018
9.0	3444	3368	3322	3170
12.0	2539	2474	2442	2317
15.0	1801	1748	1726	1624
18.0	1238	1194	1164	1078
21.0	807.0	771.1	743.2	673.1

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-06-16

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity: 52%  
 Test Distance: 5.850m [K=1.0000]  
 Remarks:

Photometric Data Table [cd]

24.0	481.3	453.0	430.8	379.9
27.0	243.1	226.7	216.4	189.5
30.0	106.9	100.2	97.15	87.24
33.0	49.11	47.00	47.11	44.05
36.0	28.73	27.67	27.29	26.06
39.0	20.53	19.99	19.66	18.71
42.0	14.76	14.45	14.24	13.49
45.0	10.71	10.48	10.29	9.687
48.0	7.730	7.504	7.273	6.748
51.0	5.324	5.121	4.887	4.408
54.0	3.545	3.417	3.246	2.963
57.0	2.385	2.253	2.104	1.822
60.0	1.265	1.176	1.099	0.9267
63.0	0.5116	0.4763	0.4265	0.3317
66.0	0.0741	0.0794	0.0568	0.0724
69.0	0.0415	0.0656	0.0459	0.0656
72.0	0.0371	0.0590	0.0393	0.0569
75.0	0.0328	0.0395	0.0328	0.0394
78.0	0.0328	0.0328	0.0328	0.0372
81.0	0.0328	0.0328	0.0328	0.0350
84.0	0.0328	0.0328	0.0328	0.0350
87.0	0.0328	0.0328	0.0328	0.0350
90.0	0.0328	0.0328	0.0328	0.0350

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
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γ Range: 0 - 90DEG  
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