

GONIOPHOTOMETERS SYSTEM TEST REPORT

LED Downlight Sense Series S45R1-4W-930-50



Light Output Ratio:	100.0%	
Luminaire Power:	5.119 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.75	fine grid method.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2018-01-16

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:

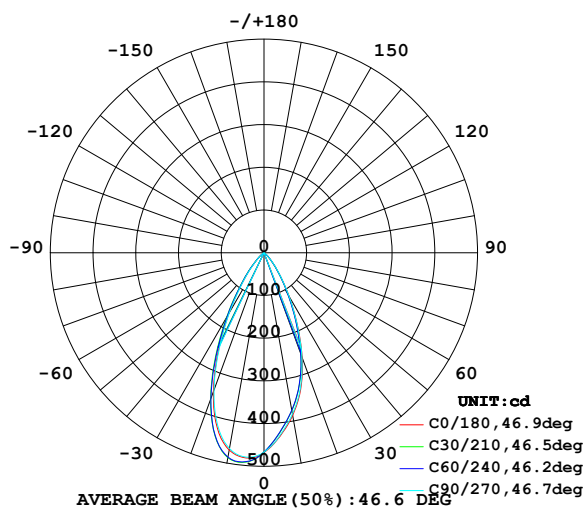
GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

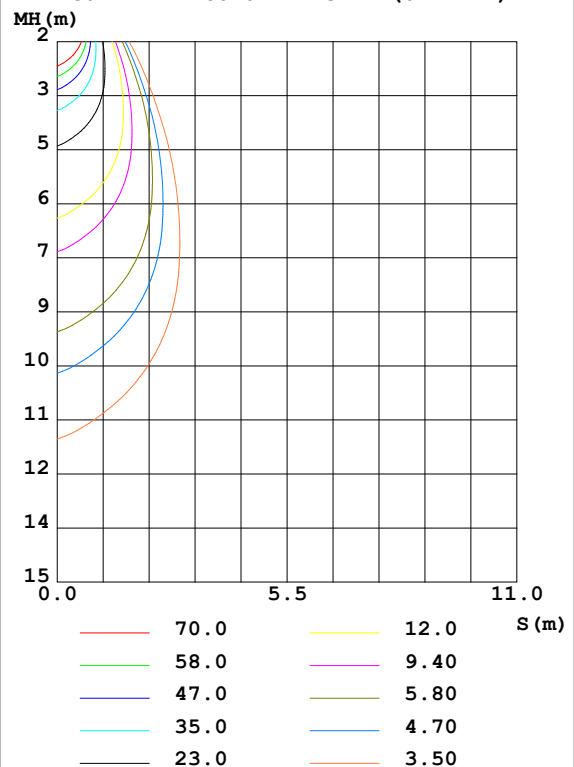
Test:U:220.7V I:0.0304A P:5.119W PF:0.7634 Lamp Flux:317.77lx1 lm		
NAME: S45R1-4W-930-50	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: \varnothing 55mm*H60mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 62.08 lm/W			
MODEL	CREE-3000K	I _{max} (cd)	495.0	S/MH (C0/180)	0.80
NOMINAL POWER (W)	6	LOR (%)	100.0	S/MH (C90/270)	0.79
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	317.77	η UP, DN (C0-180)	0.0, 45.3
NOMINAL FLUX (lm)	317.771	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 54.7
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	0.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2018-01-16

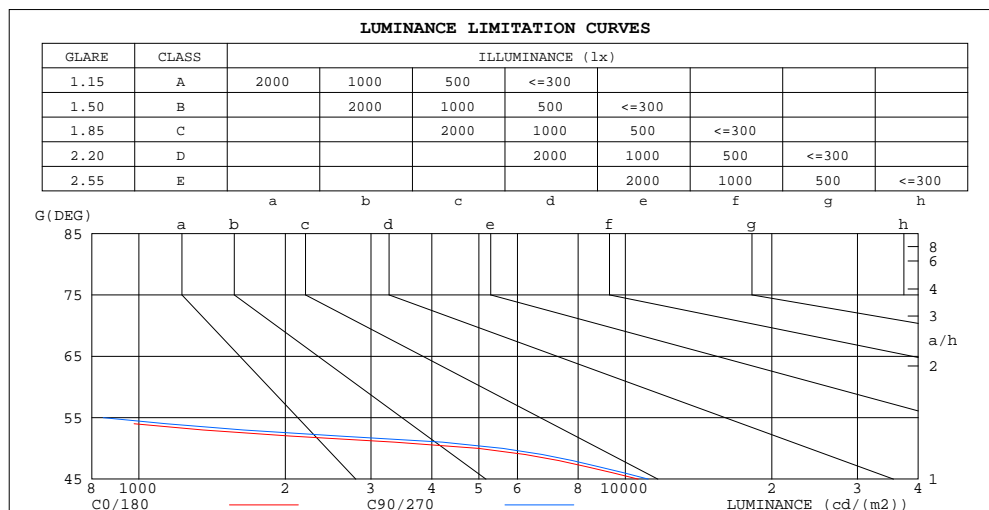
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ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	386.9	374.5	383.8	418.8	469.1	488.3	465.8	421.1	0- 10	42.54	42.54	13.4,13.4
20	262.2	252.5	259.7	295.2	346.7	364.4	342.4	296.5	10- 20	103.4	145.9	45.9,45.9
30	117.7	112.1	117.0	138.1	165.8	173.6	162.8	138.3	20- 30	98.85	244.8	77,77
40	35.76	35.04	37.06	43.98	53.08	55.13	49.76	41.48	30- 40	52.33	297.1	93.5,93.5
50	7.624	7.907	8.547	10.51	12.50	12.59	11.08	8.883	40- 50	17.70	314.8	99.1,99.1
60	0.5208	0.5309	0.5689	0.5550	0.5483	0.5294	0.5068	0.5141	50- 60	2.400	317.2	99.8,99.8
70	0.2408	0.2250	0.2496	0.2490	0.2293	0.2253	0.2119	0.2624	60- 70	0.3539	317.6	99.9,99.9
80	0.0854	0.0655	0.0898	0.0764	0.0720	0.0853	0.0676	0.0876	70- 80	0.1560	317.7	100,100
90	0	0	0.0022	0	0	0	0	0	80- 90	0.0353	317.8	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		



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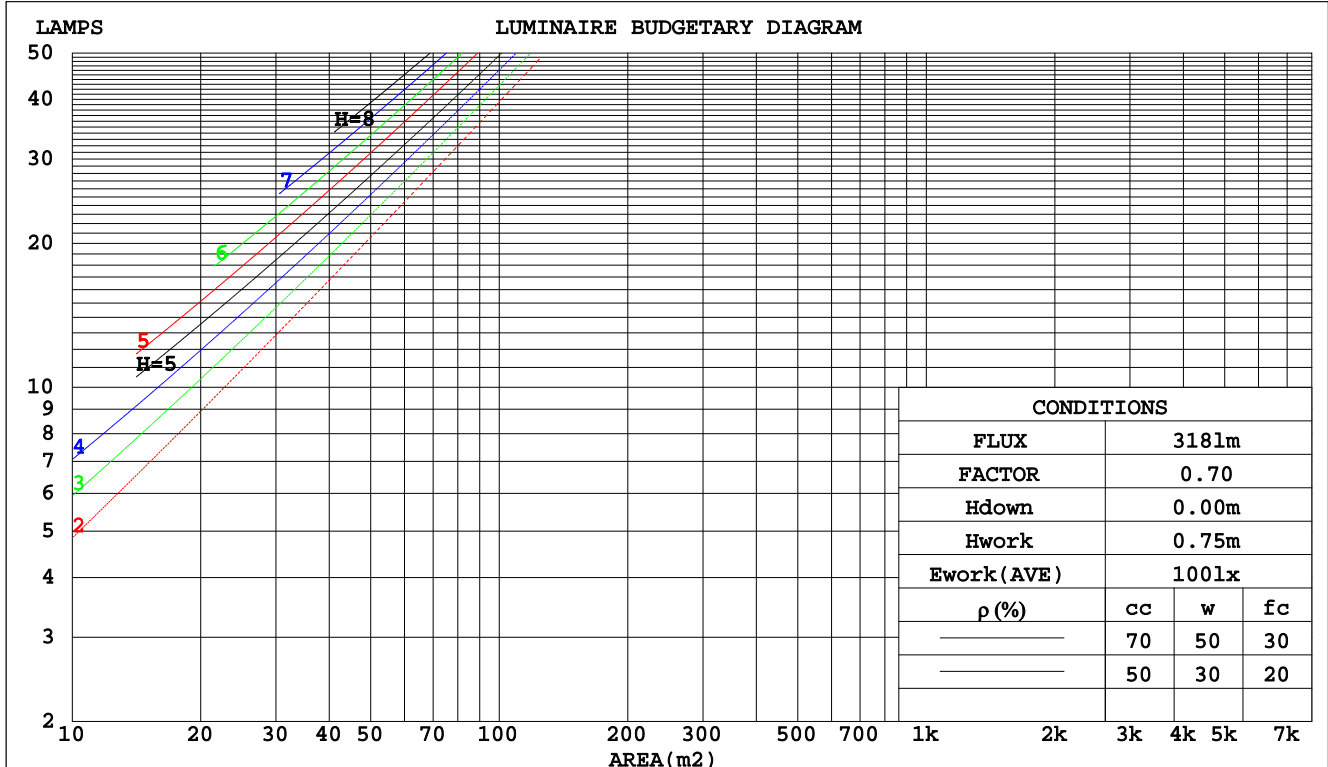
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0304A P:5.119W PF:0.7634 Lamp Flux:317.771x1 lm		
NAME: S45R1-4W-930-50	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: ϕ 55mm*H60mm	
MFR.: NEKO LIGHTING AG		

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	1.00
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.97	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.85	.89	.86	.84	.83
4.0	.91	.86	.82	.90	.86	.82	.88	.84	.81	.86	.83	.80	.84	.81	.79	.78
5.0	.86	.81	.77	.85	.80	.76	.83	.79	.76	.82	.78	.75	.80	.77	.74	.73
6.0	.81	.76	.72	.80	.75	.71	.79	.74	.71	.78	.74	.70	.76	.73	.70	.69
7.0	.77	.71	.67	.76	.71	.67	.75	.70	.67	.74	.69	.66	.73	.69	.66	.65
8.0	.73	.67	.63	.72	.67	.63	.71	.66	.63	.70	.66	.63	.69	.65	.62	.61
9.0	.69	.63	.60	.69	.63	.60	.68	.63	.59	.67	.62	.59	.66	.62	.59	.58
10.0	.66	.60	.57	.65	.60	.56	.64	.60	.56	.64	.59	.56	.63	.59	.56	.55



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WEC AND CCEC

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ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.170	.097	.031	.163	.093	.030	.151	.086	.028	.139	.080	.026	.128	.074	.024		
2.0	.162	.089	.027	.157	.086	.027	.146	.081	.025	.136	.077	.024	.127	.072	.023		
3.0	.154	.082	.025	.150	.080	.024	.141	.076	.023	.132	.073	.022	.125	.069	.021		
4.0	.147	.076	.022	.143	.075	.022	.135	.072	.021	.128	.069	.021	.121	.066	.020		
5.0	.140	.071	.021	.137	.070	.020	.130	.068	.020	.124	.065	.019	.118	.063	.019		
6.0	.134	.067	.019	.131	.066	.019	.125	.064	.019	.119	.062	.018	.114	.060	.018		
7.0	.128	.063	.018	.125	.062	.018	.120	.061	.017	.115	.059	.017	.111	.057	.017		
8.0	.123	.060	.017	.120	.059	.017	.115	.058	.016	.111	.056	.016	.107	.055	.016		
9.0	.118	.057	.016	.115	.056	.016	.111	.055	.016	.107	.054	.015	.104	.053	.015		
10.0	.113	.054	.015	.111	.054	.015	.107	.052	.015	.104	.051	.015	.100	.050	.014		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	.171	.157	.145	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.032	.016	.013	.011	
4.0	.132	.099	.074	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.123	.087	.061	.105	.075	.053	.073	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.115	.078	.051	.099	.067	.044	.068	.047	.031	.040	.028	.019	.013	.009	.006	
7.0	.109	.070	.043	.093	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.103	.064	.037	.089	.055	.032	.061	.039	.023	.036	.023	.014	.012	.008	.004	
9.0	.098	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.093	.054	.028	.080	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003	

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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:52%
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 Remarks:

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UGR(Unified Glare Rating) Table

Test:U:220.7V I:0.0304A P:5.119W PF:0.7634 Lamp Flux:317.771x1 lm										
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SPEC.:3000K					DIM.: ϕ 55mm*H60mm					
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	14.7	15.6	14.9	15.8	15.9	14.8	15.7	15.0	15.9	16.0
3H	14.5	15.4	14.8	15.6	15.8	14.6	15.5	14.9	15.7	15.9
4H	14.5	15.2	14.7	15.5	15.7	14.5	15.3	14.8	15.5	15.8
6H	14.4	15.1	14.7	15.3	15.6	14.5	15.2	14.8	15.4	15.7
8H	14.3	15.0	14.6	15.3	15.5	14.4	15.1	14.7	15.4	15.6
12H	14.3	15.0	14.6	15.2	15.5	14.4	15.0	14.7	15.3	15.6
4H 2H	14.5	15.2	14.7	15.5	15.7	14.5	15.3	14.8	15.5	15.8
3H	14.3	15.0	14.6	15.2	15.5	14.4	15.0	14.7	15.3	15.6
4H	14.2	14.8	14.5	15.1	15.4	14.3	14.9	14.6	15.2	15.5
6H	14.1	14.6	14.5	15.0	15.3	14.2	14.7	14.6	15.1	15.4
8H	14.0	14.5	14.4	14.9	15.3	14.1	14.6	14.5	15.0	15.3
12H	14.0	14.4	14.4	14.8	15.2	14.1	14.5	14.5	14.9	15.3
8H 4H	14.0	14.5	14.4	14.9	15.3	14.1	14.6	14.5	15.0	15.3
6H	13.9	14.3	14.4	14.7	15.2	14.0	14.4	14.5	14.8	15.2
8H	13.9	14.2	14.3	14.7	15.1	14.0	14.3	14.4	14.8	15.2
12H	13.8	14.1	14.3	14.6	15.0	13.9	14.2	14.4	14.7	15.1
12H 4H	14.0	14.4	14.4	14.8	15.2	14.1	14.5	14.5	14.9	15.3
6H	13.9	14.2	14.3	14.7	15.1	14.0	14.3	14.4	14.8	15.2
8H	13.8	14.1	14.3	14.6	15.0	13.9	14.2	14.4	14.7	15.1
Variations with the observer position at spacings:										
S = 1.0H	+ 3.2 / -16.6					+ 3.2 / -16.5				
1.5H	+ 5.1 / -16.1					+ 5.1 / -16.2				
2.0H	+ 7.1 / -12.2					+ 7.1 / -12.5				

CIE Pub.117 Corrected 317.8 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.0)

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Humidity:52%
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UTILIZATION FACTORS TABLE

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SPEC.:3000K	DIM.: ϕ 55mm*H60mm	
MFR.: NEKO LIGHTING AG		

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) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	100	94	90	99	94	90	97	93	90	86
1.25	103	98	95	102	98	95	101	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	102	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	96
4.00	114	111	109	112	110	108	108	106	105	98
5.00	115	113	111	113	111	109	109	108	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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ISOCANDELA DIAGRAM

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SPEC.:3000K	DIM.: ϕ 55mm*H60mm	
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Conical surface Flux(90deg):

308.65 lm

%lum = 97.1%

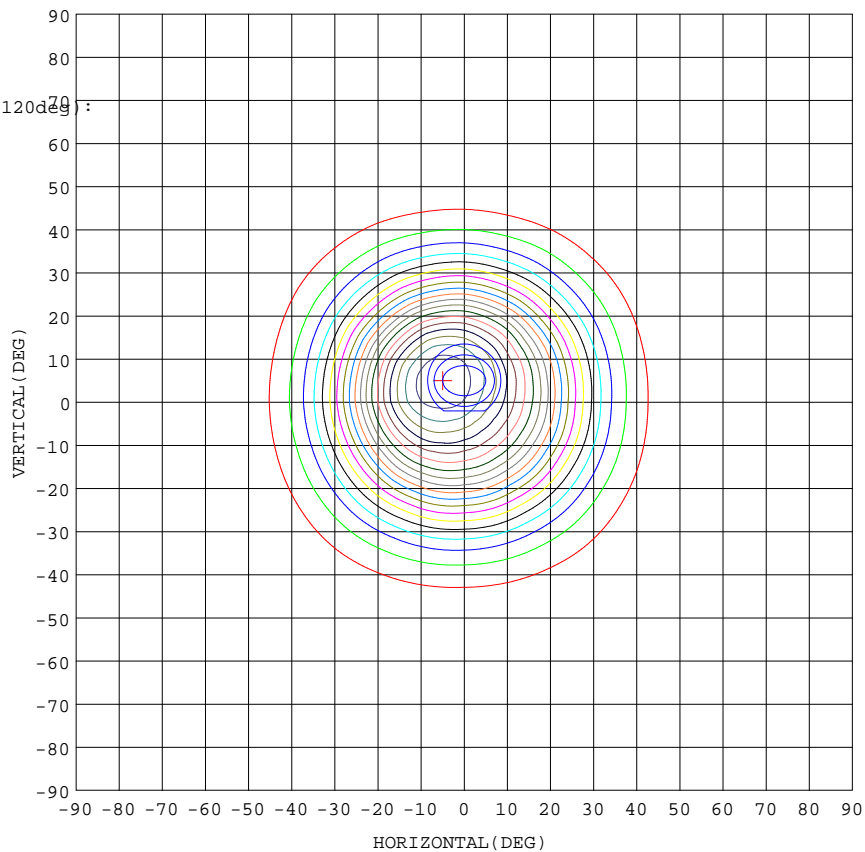
%lamp = 97.1%

Conical surface Flux(120deg):

317.23 lm

%lum = 99.8%

%lamp = 99.8%



1. AVG=475.3, MIN=442.0
2. AVG=469.5, MIN=424.6
3. AVG=462.5, MIN=410.1

Imax:495.0 (H=5.0, V5.0)
(At: C=225.0, Gamma=7.0)

UNIT: cd

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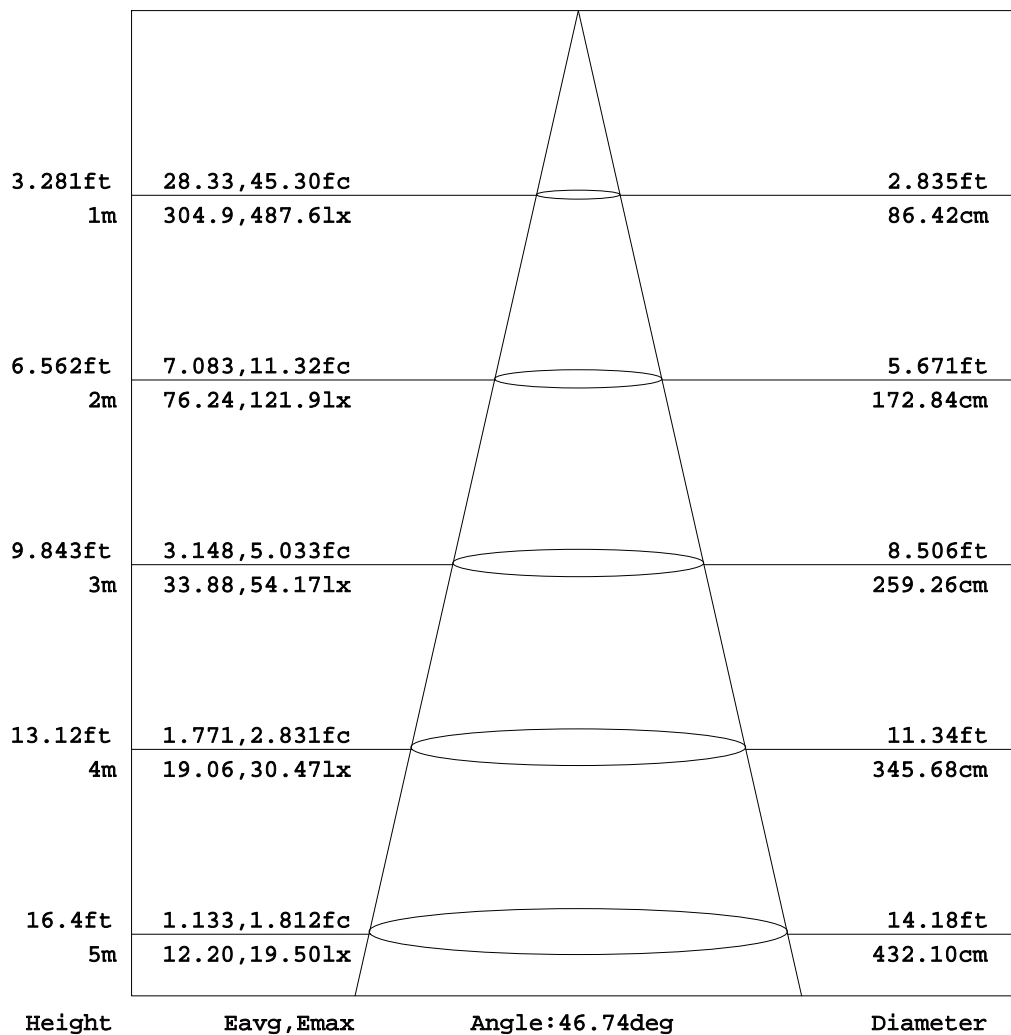
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AAI Figure

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Flux out:189.9 lm



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

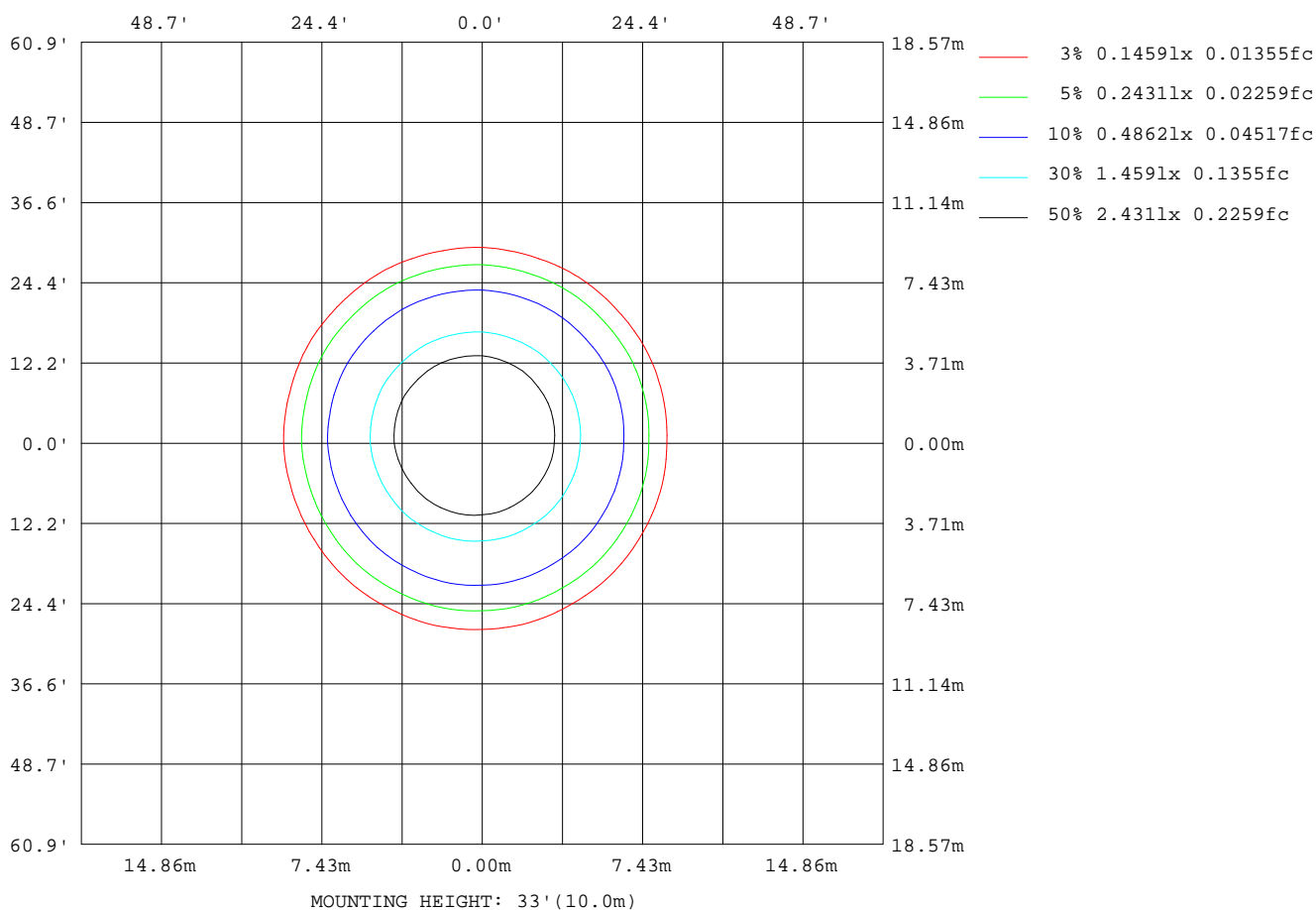
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ISOLUX DIAGRAM

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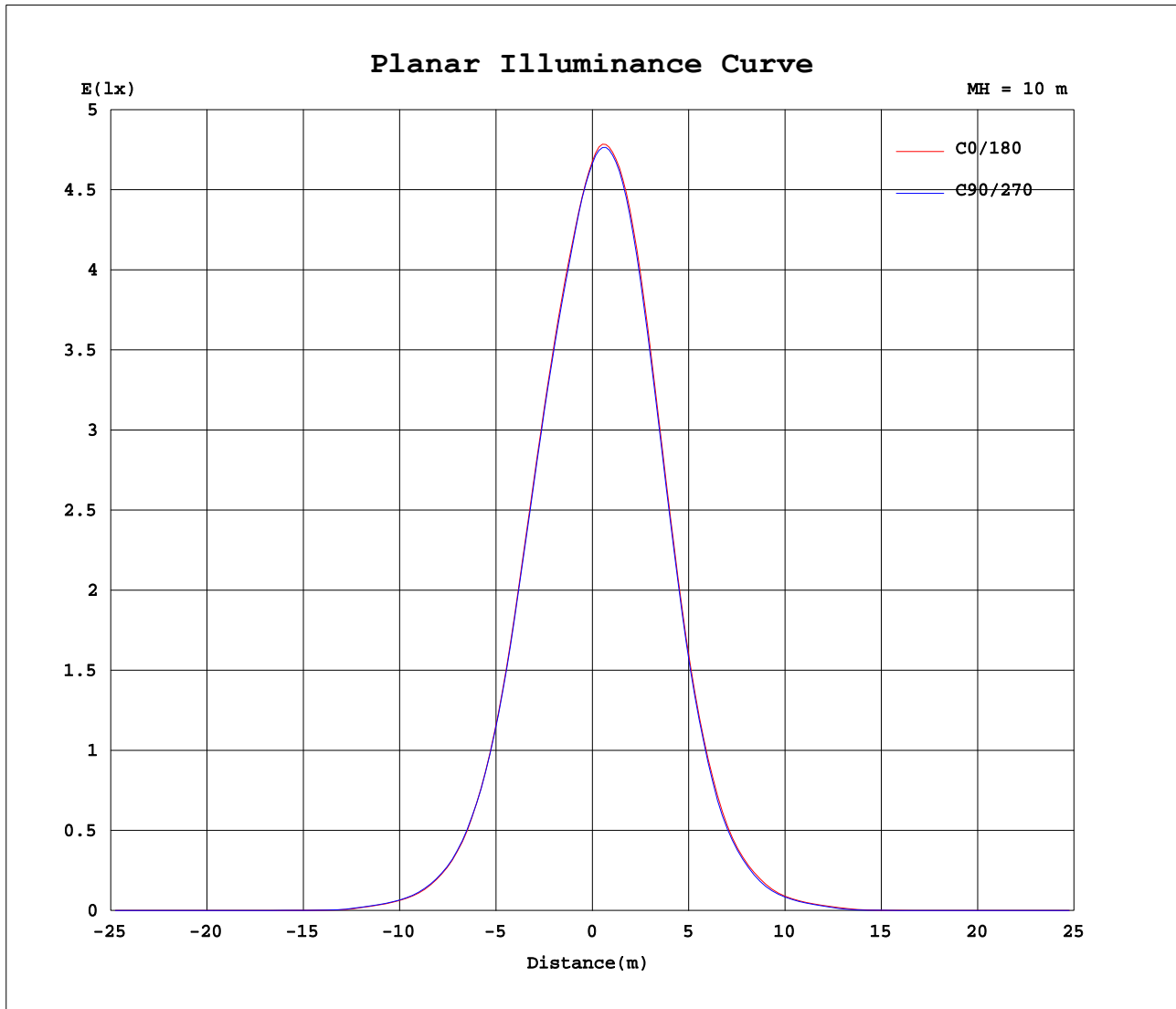


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Planar Illuminance Curve



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Test Distance:5.850m [K=1.0000]
Remarks:

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GONIOPHOTOMETERS SYSTEM TEST REPORT

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	467.8	468.0	466.8	467.4	466.4	467.0	466.4	466.9	466.4	466.6
3.0	447.5	444.8	441.5	441.4	441.2	444.2	446.8	451.7	456.0	462.3
6.0	422.8	417.8	413.5	413.0	412.3	416.3	420.5	427.9	435.5	447.2
9.0	396.5	390.6	385.1	384.3	384.4	389.0	393.5	402.6	412.3	426.8
12.0	366.4	360.3	354.9	354.0	354.2	359.0	363.8	373.8	384.9	400.7
15.0	331.4	325.6	320.2	319.3	319.3	324.2	328.9	339.6	351.0	366.8
18.0	291.5	286.3	281.3	280.6	280.0	284.6	288.9	299.6	310.8	326.0
21.0	246.6	242.5	237.5	237.0	235.6	240.5	244.6	255.2	264.8	279.2
24.0	199.0	196.0	191.9	191.4	189.8	193.9	197.3	206.8	215.3	228.9
27.0	155.9	153.8	149.8	149.7	148.1	152.1	154.7	162.7	168.8	180.1
30.0	117.7	115.2	112.5	112.1	111.4	114.6	117.0	123.1	128.5	138.1
33.0	84.65	83.43	81.72	81.80	81.55	84.03	85.93	90.48	94.63	101.6
36.0	59.46	58.79	57.37	57.57	57.17	59.23	60.52	63.70	66.90	71.52
39.0	41.07	40.67	39.73	40.04	39.87	41.34	42.27	44.60	46.52	50.04
42.0	26.89	26.77	26.24	26.56	26.55	27.56	28.11	29.66	30.83	33.11
45.0	17.84	17.84	17.50	17.84	17.80	18.47	18.71	19.66	20.28	21.54
48.0	11.59	11.62	11.44	11.74	11.73	12.21	12.37	13.04	13.54	14.38
51.0	5.017	5.281	5.105	5.449	5.365	6.031	6.290	7.151	7.624	8.476
54.0	1.364	1.429	1.384	1.431	1.413	1.521	1.589	1.824	1.906	2.248
57.0	0.6305	0.6228	0.6502	0.6447	0.6676	0.6622	0.6836	0.6947	0.7244	0.7706
60.0	0.5208	0.5134	0.5361	0.5309	0.5514	0.5484	0.5689	0.5572	0.5754	0.5550
63.0	0.4006	0.3910	0.4159	0.4041	0.4246	0.4172	0.4378	0.4282	0.4466	0.4303
66.0	0.3217	0.3082	0.3347	0.3169	0.3391	0.3234	0.3457	0.3322	0.3458	0.3256
69.0	0.2648	0.2490	0.2692	0.2534	0.2670	0.2556	0.2801	0.2643	0.2845	0.2644
72.0	0.2035	0.1814	0.2014	0.1857	0.2036	0.1900	0.2101	0.1901	0.2167	0.1966
75.0	0.1532	0.1376	0.1533	0.1332	0.1510	0.1333	0.1576	0.1398	0.1620	0.1420
78.0	0.1095	0.0961	0.1095	0.0939	0.1095	0.0939	0.1138	0.1004	0.1182	0.1027
81.0	0.0766	0.0589	0.0788	0.0589	0.0723	0.0611	0.0767	0.0655	0.0832	0.0633
84.0	0.0439	0.0283	0.0482	0.0283	0.0460	0.0284	0.0483	0.0305	0.0526	0.0349
87.0	0.0220	0	0.0198	0.0044	0.0198	0.0022	0.0220	0.0043	0.0263	0.0065
90.0	0	0.0022	0	0	0.0022	0.0022	0.0022	0.0022	0	0
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	466.7	466.3	467.8	468.0	466.8	467.4	466.4	467.0	466.4	466.9
3.0	467.9	473.4	480.5	484.0	485.6	486.4	485.1	482.6	478.4	473.3
6.0	457.9	468.7	481.4	489.1	493.6	494.6	492.2	486.9	479.4	469.3
9.0	441.4	457.1	473.8	483.9	491.0	492.2	489.8	481.8	471.2	457.3
12.0	417.0	435.5	455.2	466.2	474.6	475.3	473.5	463.5	451.1	434.9
15.0	382.8	402.9	424.0	434.8	443.6	444.0	442.7	431.1	418.9	402.3
18.0	340.4	359.2	380.6	391.1	400.0	399.7	398.6	387.1	376.2	360.4
21.0	291.4	308.4	328.4	338.1	347.1	345.6	344.7	333.6	324.4	310.0
24.0	239.8	254.4	271.7	280.5	289.0	285.9	284.3	275.2	268.5	255.2
27.0	189.1	201.1	215.6	222.1	229.5	226.1	224.7	217.1	211.8	200.8
30.0	145.1	154.4	165.8	170.7	176.8	173.6	172.6	166.5	162.8	153.7
33.0	107.2	113.6	121.9	125.6	130.2	127.1	126.5	120.4	116.9	110.2
36.0	75.26	79.88	85.86	88.36	91.25	90.02	89.12	85.50	82.88	78.04
39.0	52.63	56.03	60.30	61.83	64.11	63.32	62.42	59.30	57.42	53.66
42.0	34.62	37.02	40.01	40.65	41.72	40.63	40.07	37.86	36.59	34.15
45.0	22.31	23.77	25.48	25.79	26.53	25.96	25.86	24.51	23.80	22.36
48.0	14.83	15.74	16.89	17.12	17.59	17.25	17.08	16.10	15.63	14.60
51.0	8.810	9.545	10.38	10.43	10.76	10.23	9.981	9.049	8.653	7.661
54.0	2.418	2.787	3.252	3.174	3.237	2.870	2.686	2.299	2.183	1.854
57.0	0.7973	0.9225	1.043	0.9958	1.015	0.9168	0.8845	0.7418	0.7221	0.6604
60.0	0.5666	0.5463	0.5483	0.5513	0.5222	0.5294	0.5090	0.5206	0.5068	0.5184
63.0	0.4444	0.4259	0.4258	0.4333	0.4083	0.4071	0.3865	0.3962	0.3800	0.3940
66.0	0.3327	0.3081	0.3080	0.3108	0.2861	0.2976	0.2753	0.2954	0.2753	0.2954
69.0	0.2779	0.2491	0.2447	0.2581	0.2272	0.2428	0.2228	0.2385	0.2251	0.2472
72.0	0.2167	0.1922	0.1900	0.2013	0.1791	0.1926	0.1725	0.1904	0.1747	0.1926
75.0	0.1620	0.1420	0.1376	0.1532	0.1332	0.1444	0.1288	0.1466	0.1310	0.1445
78.0	0.1182	0.0983	0.0982	0.1116	0.0895	0.1072	0.0873	0.1072	0.0917	0.1072
81.0	0.0811	0.0633	0.0611	0.0788	0.0676	0.0744	0.0545	0.0722	0.0546	0.0766
84.0	0.0548	0.0328	0.0306	0.0482	0.0327	0.0460	0.0327	0.0482	0.0306	0.0460
87.0	0.0263	0.0043	0.0043	0.0198	0.0022	0.0176	0.0022	0.0198	0.0043	0.0198
90.0	0	0	0	0	0	0	0	0	0	0
G/C	300.0	315.0	330.0	345.0						
0.0	466.4	466.6	466.7	466.3						
3.0	467.4	461.2	456.3	450.8						
6.0	459.0	448.0	439.0	429.2						
9.0	444.2	429.2	417.2	404.9						
12.0	420.2	402.9	389.3	375.9						
15.0	387.3	368.9	355.2	341.5						
18.0	346.5	327.8	314.8	301.3						
21.0	297.7	280.4	269.0	256.1						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2018-01-16

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:

GONIOPHOTOMETERS SYSTEM TEST REPORT

Photometric Data Table [cd]

24.0	244.5	229.9	219.8	208.3
27.0	192.6	181.0	173.4	163.7
30.0	147.6	138.3	132.4	124.6
33.0	105.4	98.99	95.30	89.82
36.0	74.65	69.92	67.35	63.71
39.0	51.39	47.90	46.25	43.48
42.0	32.91	30.72	29.85	28.28
45.0	21.58	20.18	19.60	18.69
48.0	14.07	13.11	12.74	12.19
51.0	7.280	6.337	6.230	5.600
54.0	1.726	1.526	1.515	1.427
57.0	0.6399	0.6244	0.6074	0.6262
60.0	0.4981	0.5141	0.5002	0.5185
63.0	0.3756	0.3918	0.3800	0.3983
66.0	0.2841	0.3106	0.2994	0.3194
69.0	0.2382	0.2712	0.2513	0.2625
72.0	0.1856	0.2126	0.1986	0.2035
75.0	0.1289	0.1510	0.1310	0.1510
78.0	0.0917	0.1094	0.0917	0.1116
81.0	0.0611	0.0766	0.0610	0.0766
84.0	0.0304	0.0460	0.0305	0.0438
87.0	0.0043	0.0197	0	0.0176
90.0	0	0	0	0

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2018-01-16

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: