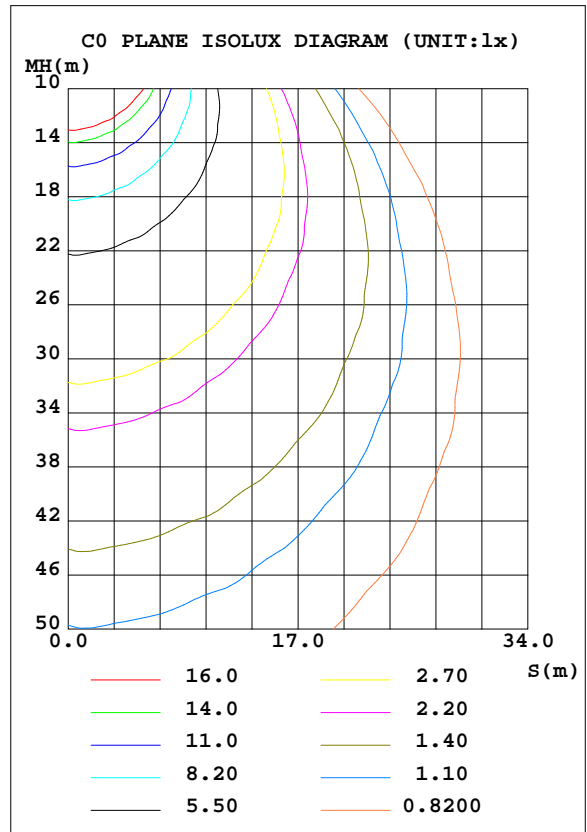
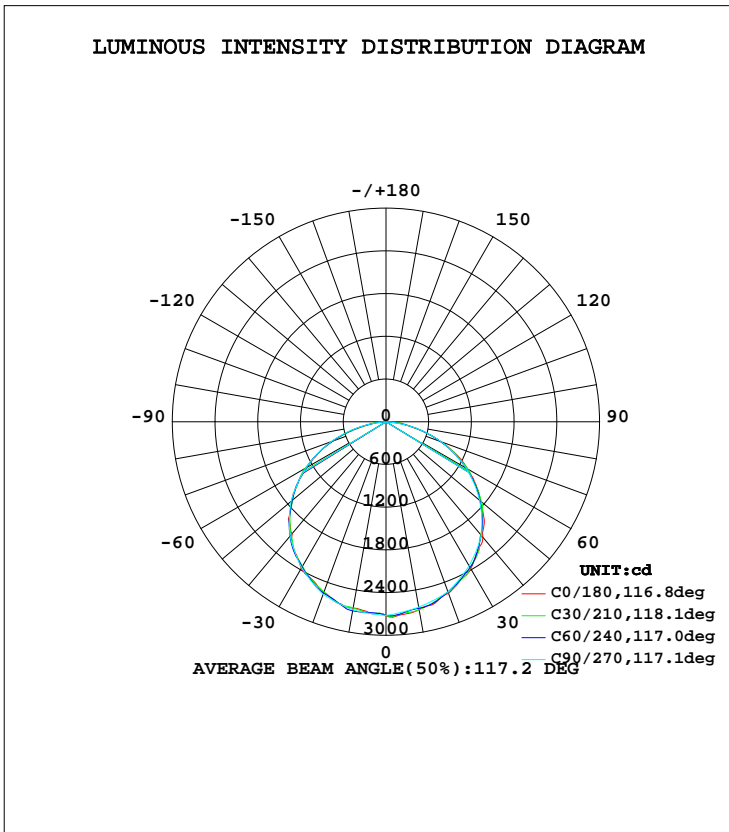


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.1V I:0.2797A P:62.09W PF:0.9646 Lamp Flux:113.115x72 lm		
NAME: SPS604-HL10B-72NW-5	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:D110mm	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 131.17 lm/W			
MODEL		I _{max} (cd)	2746	S/MH(C0/180)	1.29
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	8144.3	η UP, DN(C0-180)	0.0, 49.9
NOMINAL FLUX(lm)	113.115	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 50.1
LAMPS INSIDE	72	η up(%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	230	η down(%)	100.0	CIBSE SHR MAX	1.50



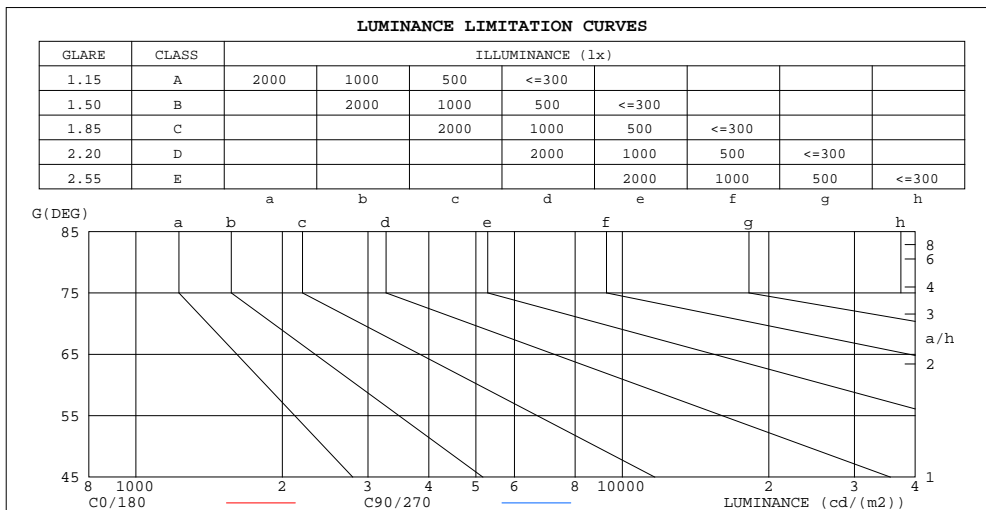
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-05-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
5	2717	2696	2683	2688	2691	2698	2702	2708	0- 5	64.70	64.70	0.79,0.79
10	2678	2683	2644	2671	2655	2674	2683	2677	5- 10	191.9	256.6	3.15,3.15
15	2642	2638	2595	2613	2634	2635	2632	2637	10- 15	314.1	570.6	7.01,7.01
20	2565	2544	2545	2541	2552	2550	2580	2566	15- 20	426.3	996.9	12.2,12.2
25	2458	2461	2440	2450	2450	2453	2475	2485	20- 25	526.5	1523	18.7,18.7
30	2381	2366	2336	2350	2379	2363	2369	2371	25- 30	610.7	2134	26.2,26.2
35	2242	2244	2210	2233	2232	2243	2233	2232	30- 35	676.4	2811	34.5,34.5
40	2118	2104	2085	2054	2051	2099	2097	2111	35- 40	720.6	3531	43.4,43.4
45	1952	1910	1902	1896	1939	1909	1919	1936	40- 45	741.4	4273	52.5,52.5
50	1729	1741	1719	1738	1725	1732	1741	1762	45- 50	737.8	5010	61.5,61.5
55	1542	1529	1510	1499	1510	1516	1519	1539	50- 55	708.6	5719	70.2,70.2
60	1321	1325	1300	1281	1298	1304	1298	1320	55- 60	653.9	6373	78.3,78.3
65	1094	1069	1062	1048	1047	1042	1059	1085	60- 65	576.4	6949	85.3,85.3
70	820.3	810.1	824.8	800.5	787.0	793.7	820.4	830.4	65- 70	475.6	7425	91.2,91.2
75	552.1	559.4	572.5	535.3	512.7	532.1	560.1	572.6	70- 75	356.9	7782	95.5,95.5
80	303.3	334.6	320.2	320.4	259.7	305.1	299.8	368.8	75- 80	228.7	8011	98.4,98.4
85	209.1	88.19	0	82.74	155.0	74.47	0	106.3	80- 85	111.0	8122	99.7,99.7
90	144.8	0	0	0	11.63	0	0	0	85- 90	22.74	8144	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	252500	0
80	183851	194098
75	224540	232833
70	252462	253839
65	272420	264630
60	278108	273713
55	283080	277060
50	283167	281545
45	290608	283176

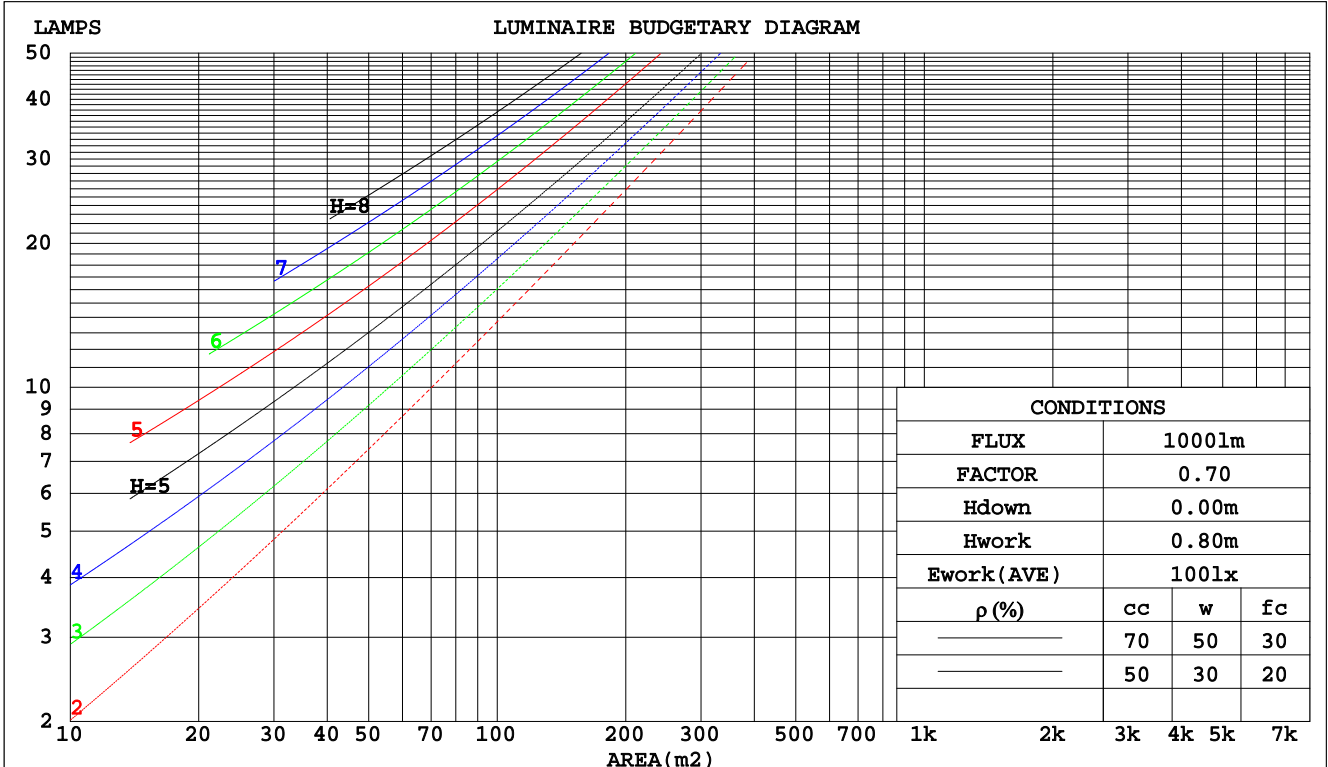
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2016-05-09

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:10.100m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.1V I:0.2797A P:62.09W PF:0.9646 Lamp Flux:113.115x72 lm		
NAME: SPS604-HL10B-72NW-5	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:D110mm	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
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	1.04	.99	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.90	.83	.77	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.77	.70	.63	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.35	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.37	.32	.45	.37	.31	.44	.37	.31	.43	.36	.31	.42	.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	.36	.30	.25	.23



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-05-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:230.1V I:0.2797A P:62.09W PF:0.9646 Lamp Flux:113.115x72 lm		
NAME: SPS604-HL10B-72NW-5	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:D110mm	PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.311	.177	.056	.304	.173	.055	.291	.167	.053	.278	.161	.052	.267	.155	.050	
2.0	.294	.161	.049	.288	.158	.049	.276	.153	.048	.265	.149	.047	.255	.144	.046	
3.0	.272	.145	.043	.267	.143	.043	.257	.139	.042	.247	.135	.042	.238	.132	.041	
4.0	.251	.131	.038	.247	.129	.038	.237	.126	.038	.229	.123	.037	.221	.120	.037	
5.0	.232	.118	.034	.228	.117	.034	.220	.115	.034	.212	.112	.033	.205	.110	.033	
6.0	.216	.108	.031	.212	.107	.031	.204	.105	.030	.198	.103	.030	.191	.101	.030	
7.0	.200	.099	.028	.197	.098	.028	.191	.096	.028	.184	.095	.028	.179	.093	.027	
8.0	.187	.091	.026	.184	.091	.026	.178	.089	.025	.173	.088	.025	.168	.086	.025	
9.0	.175	.085	.024	.173	.084	.024	.167	.083	.023	.162	.081	.023	.158	.080	.023	
10.0	.165	.079	.022	.162	.078	.022	.158	.077	.022	.153	.076	.022	.149	.075	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.180	.156	.134	.154	.134	.116	.106	.092	.080	.061	.053	.046	.019	.017	.015	
2.0	.173	.132	.098	.148	.114	.084	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.165	.114	.074	.141	.099	.064	.097	.069	.045	.056	.040	.027	.018	.013	.009	
4.0	.157	.101	.058	.135	.087	.050	.093	.061	.035	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.047	.129	.078	.041	.089	.055	.029	.051	.032	.017	.017	.010	.006	
6.0	.143	.082	.039	.123	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.075	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.130	.070	.029	.112	.060	.025	.077	.042	.018	.045	.025	.011	.015	.008	.003	
9.0	.123	.065	.025	.106	.056	.022	.074	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.118	.060	.022	.101	.052	.019	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-05-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.1V I:0.2797A P:62.09W PF:0.9646 Lamp Flux:113.115x72 lm										
NAME: SPS604-HL10B-72NW-5					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:D110mm			PROTECTION 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	32.6	34.2	32.9	34.4	34.6	32.5	34.1	32.8	34.3	34.5
3H	34.2	35.6	34.5	35.9	36.1	34.1	35.5	34.4	35.8	36.0
4H	34.8	36.1	35.1	36.4	36.6	34.7	36.1	35.0	36.3	36.6
6H	35.1	36.4	35.5	36.7	37.0	35.1	36.4	35.5	36.7	37.0
8H	35.3	36.5	35.6	36.8	37.1	35.2	36.4	35.5	36.7	37.0
12H	35.4	36.6	35.8	36.9	37.2	35.2	36.4	35.5	36.6	37.0
4H 2H	33.3	34.6	33.6	34.9	35.1	33.2	34.5	33.5	34.8	35.0
3H	35.0	36.2	35.3	36.5	36.8	34.9	36.1	35.3	36.4	36.7
4H	35.7	36.8	36.1	37.1	37.4	35.7	36.7	36.0	37.1	37.4
6H	36.2	37.1	36.6	37.5	37.8	36.2	37.1	36.6	37.5	37.9
8H	36.3	37.2	36.7	37.6	38.0	36.3	37.2	36.7	37.6	37.9
12H	36.5	37.4	37.0	37.7	38.2	36.3	37.1	36.7	37.5	37.9
8H 4H	35.9	36.8	36.4	37.2	37.6	35.9	36.8	36.3	37.2	37.6
6H	36.6	37.3	37.0	37.7	38.1	36.6	37.3	37.0	37.7	38.2
8H	36.8	37.5	37.3	37.9	38.4	36.7	37.4	37.2	37.8	38.3
12H	37.2	37.7	37.6	38.2	38.7	36.7	37.3	37.2	37.8	38.2
12H 4H	36.0	36.8	36.4	37.2	37.6	35.9	36.8	36.4	37.1	37.5
6H	36.6	37.3	37.1	37.7	38.1	36.6	37.3	37.1	37.7	38.2
8H	36.9	37.5	37.4	37.9	38.4	36.8	37.4	37.3	37.8	38.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 8144 lm Total Lamp Luminous Flux.(8log(F/F0) = 7.3)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-05-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.1V I:0.2797A P:62.09W PF:0.9646 Lamp Flux:113.115x72 lm		
NAME: SPS604-HL10B-72NW-5	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:D110mm	PROTECTION 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	57	74	64	56	72	65	56	49
1.25	83	72	65	81	71	64	78	70	63	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	74
3.00	102	95	90	100	94	88	96	91	86	78
4.00	106	100	96	104	99	94	99	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-05-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.1V I:0.2797A P:62.09W PF:0.9646 Lamp Flux:113.115x72 lm		
NAME: SPS604-HL10B-72NW-5	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:D110mm	PROTECTION ANGLE:

Conical surface Flux(90deg):

4272.6 lm

%lum = 52.5%

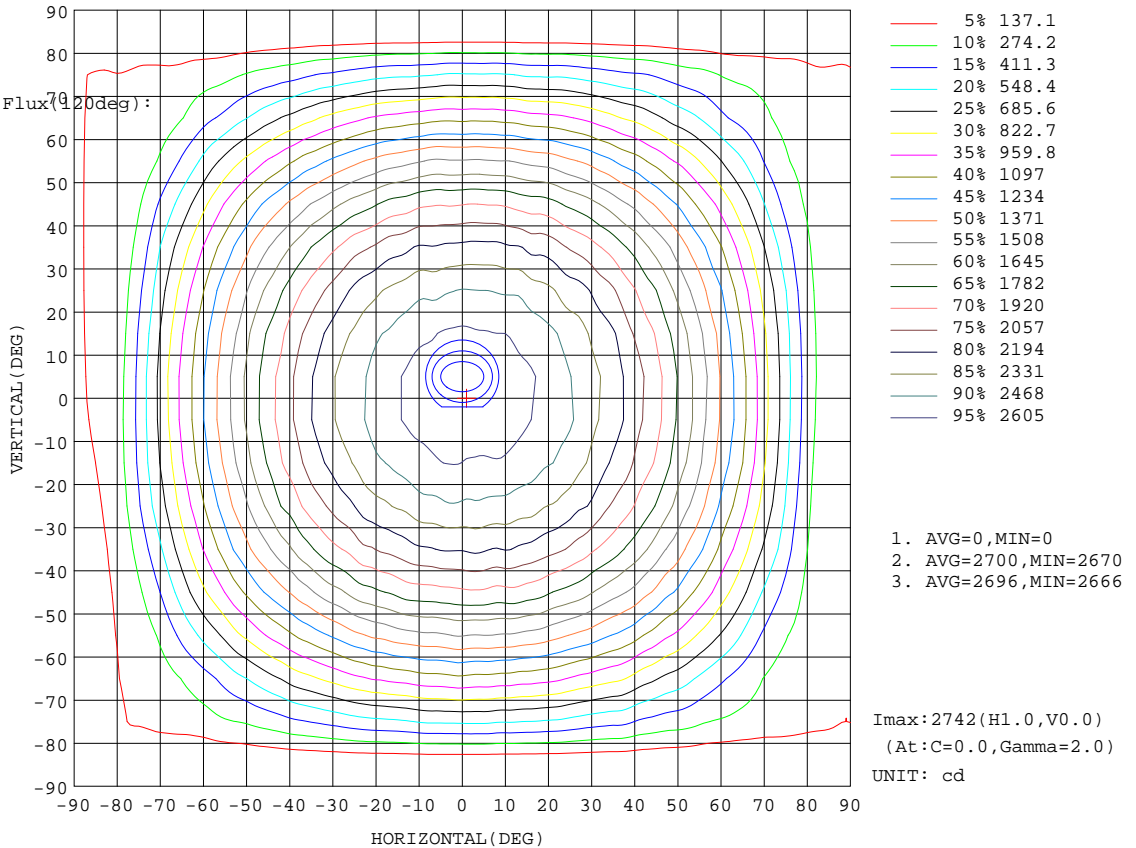
%lamp = 52.5%

Conical surface Flux(70deg):

6372.9 lm

%lum = 78.3%

%lamp = 78.3%

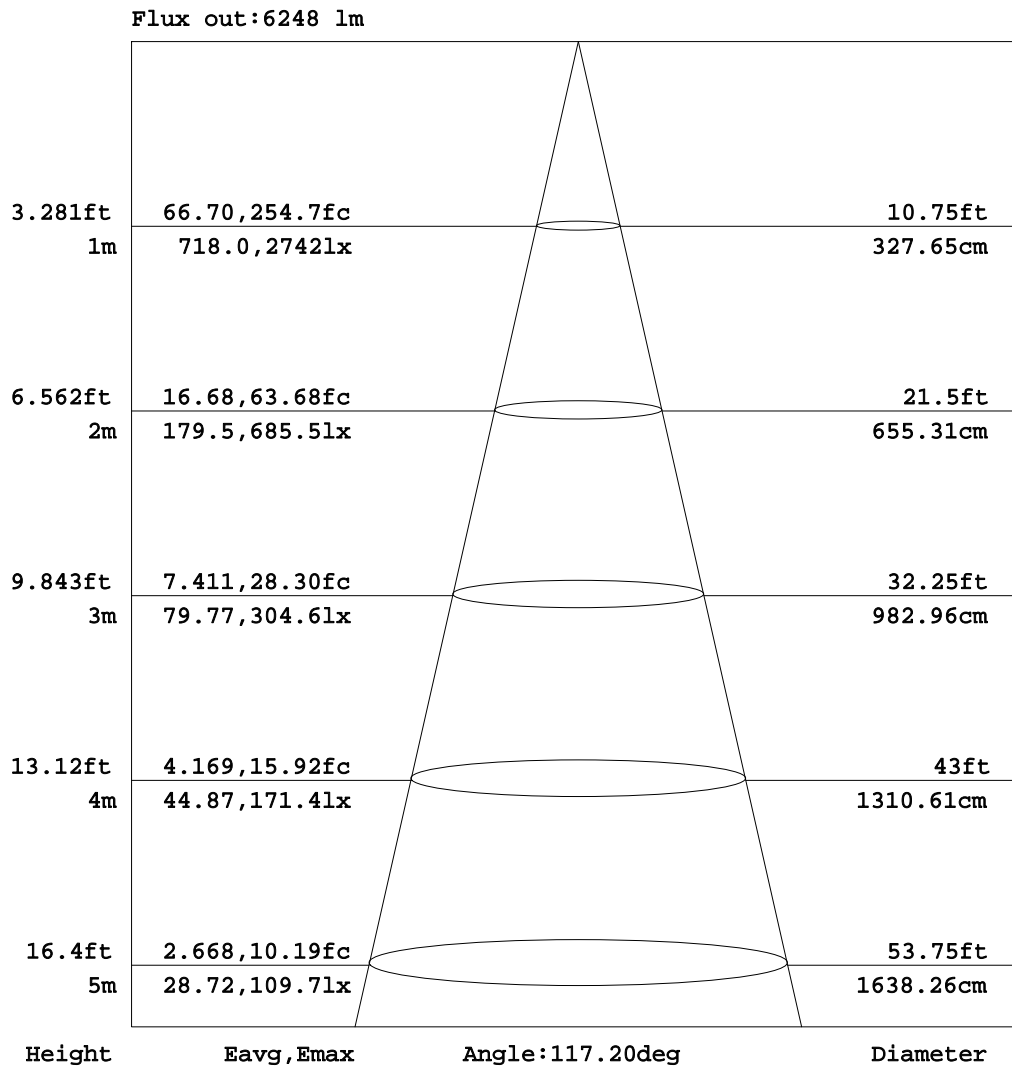


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-05-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks:

AAI Figure

Test:U:230.1V I:0.2797A P:62.09W PF:0.9646 Lamp Flux:113.115x72 lm		
NAME: SPS604-HL10B-72NW-5	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:D110mm	PROTECTION ANGLE:



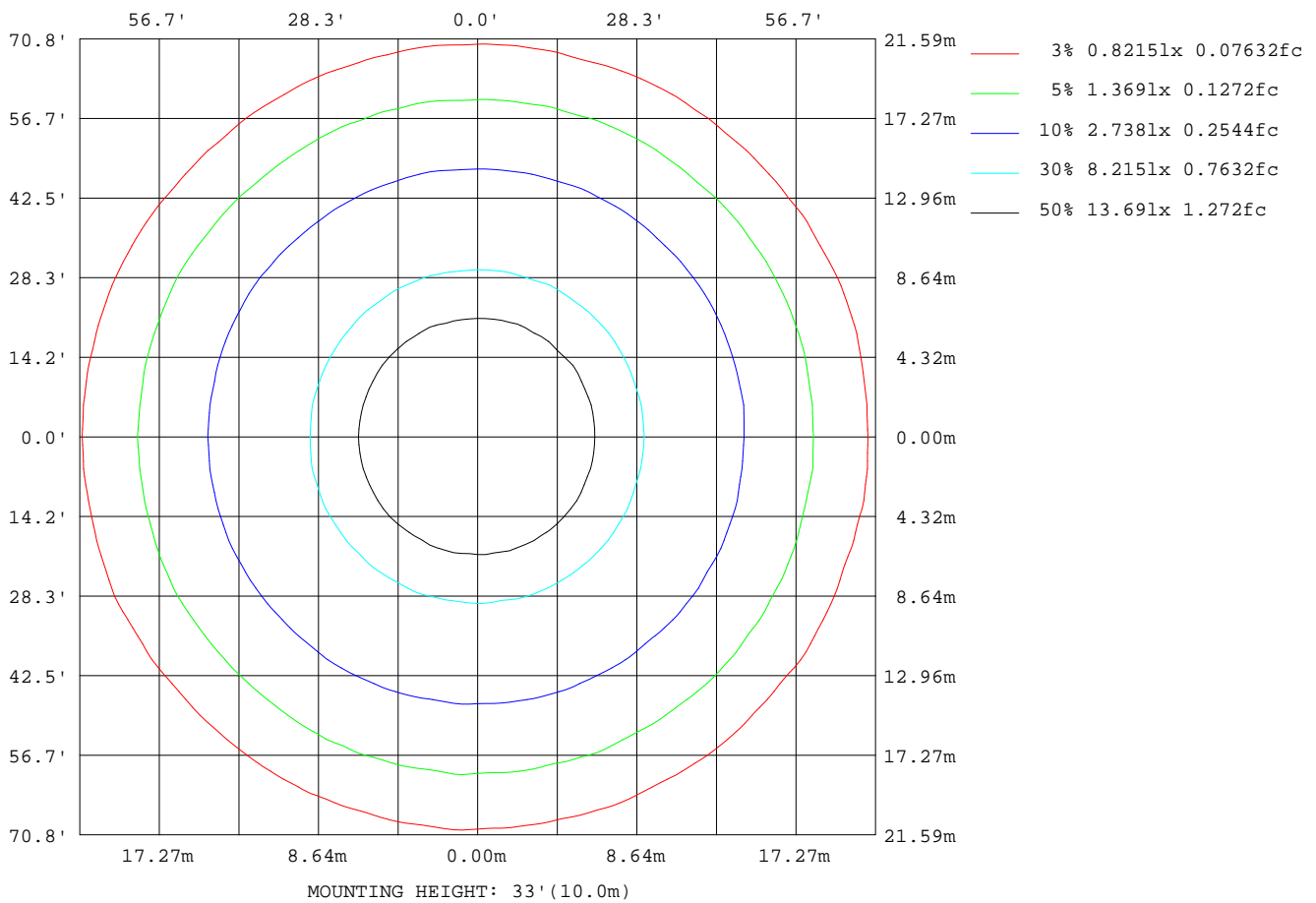
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-05-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

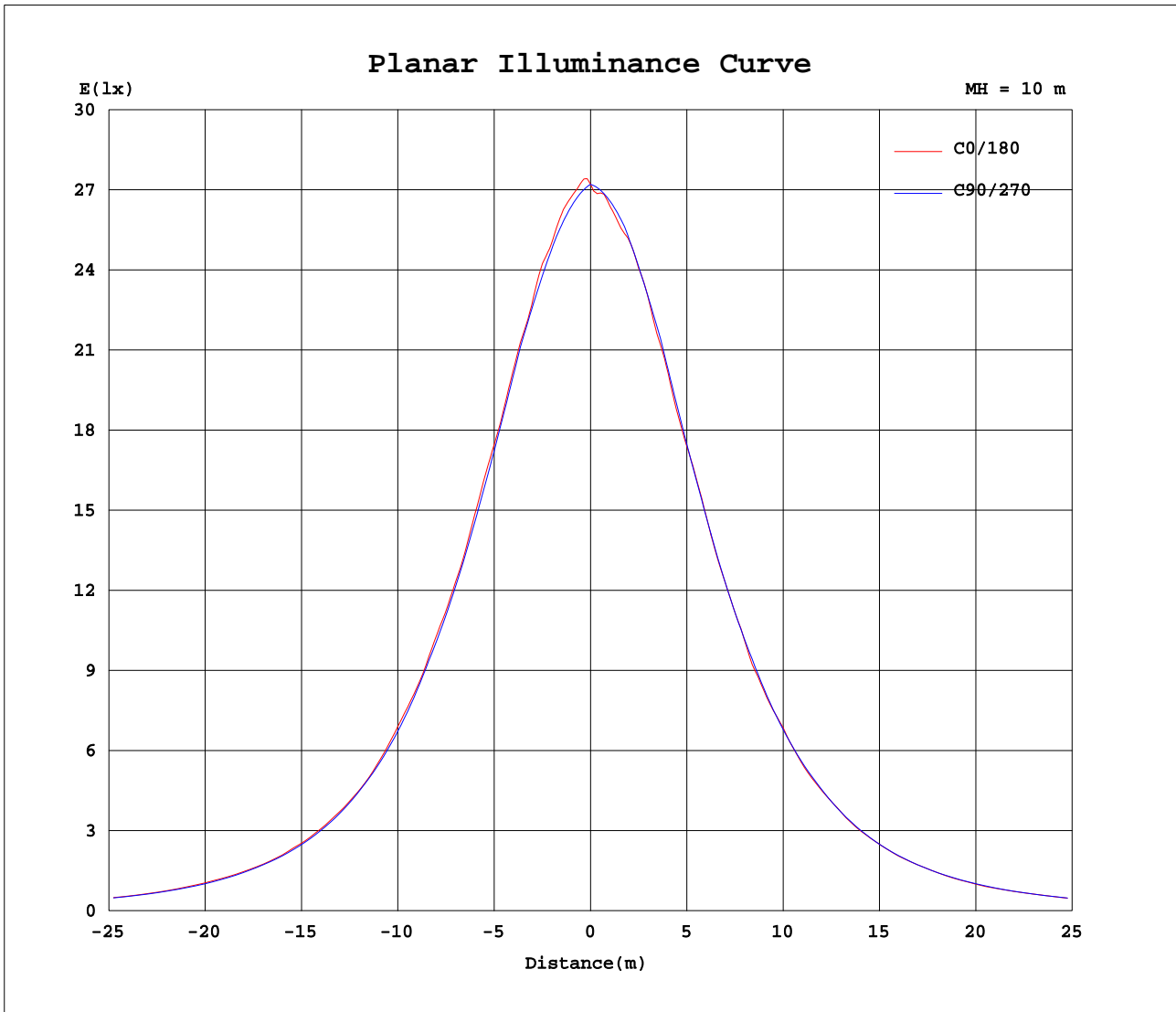
Test:U:230.1V I:0.2797A P:62.09W PF:0.9646 Lamp Flux:113.115x72 lm		
NAME: SPS604-HL10B-72NW-5	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:D110mm	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-05-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2016-05-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity: 65.0%
 Test Distance: 10.100m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.1V I:0.2797A P:62.09W PF:0.9646 Lamp Flux:113.115x72 lm		
NAME: SPS604-HL10B-72NW-5	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:D110mm	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	2721	2721	2721	2721	2721	2721	2721	2721	2721	2721	2721	2721	2721	2721	2721	2721	2721	2721	2721
5	2717	2715	2712	2709	2707	2704	2701	2699	2697	2696	2696	2696	2697	2699	2699	2697	2694	2688	2683
10	2678	2677	2676	2677	2678	2681	2683	2686	2686	2683	2678	2670	2659	2649	2644	2644	2648	2648	2644
15	2642	2633	2626	2620	2617	2616	2622	2630	2639	2638	2635	2633	2627	2615	2603	2593	2592	2593	2595
20	2565	2559	2555	2551	2549	2547	2545	2542	2544	2544	2549	2546	2544	2543	2539	2541	2540	2539	2545
25	2458	2464	2472	2483	2488	2476	2466	2468	2457	2461	2488	2475	2457	2455	2453	2445	2447	2453	2440
30	2381	2361	2349	2345	2359	2362	2365	2384	2369	2366	2349	2357	2364	2346	2370	2354	2341	2367	2336
35	2242	2238	2241	2251	2226	2228	2254	2256	2223	2244	2249	2241	2232	2232	2226	2227	2204	2227	2210
40	2118	2096	2087	2088	2099	2080	2070	2079	2099	2104	2087	2090	2082	2082	2086	2086	2050	2083	2085
45	1952	1937	1946	1933	1925	1914	1925	1942	1930	1910	1930	1930	1913	1922	1916	1920	1884	1905	1902
50	1729	1734	1743	1740	1757	1747	1752	1744	1737	1741	1720	1737	1724	1721	1739	1751	1716	1727	1719
55	1542	1537	1554	1555	1538	1553	1531	1540	1548	1529	1517	1531	1522	1514	1533	1525	1511	1512	1510
60	1321	1318	1318	1315	1323	1307	1327	1307	1312	1325	1297	1303	1295	1303	1302	1291	1303	1298	1300
65	1094	1100	1093	1085	1069	1079	1079	1085	1069	1069	1079	1072	1060	1064	1068	1058	1057	1061	1062
70	820	823	825	819	817	826	822	822	813	810	833	823	817	822	822	818	812	822	825
75	552	560	581	549	553	564	557	561	561	559	578	576	568	573	575	570	568	576	572
80	303	302	323	301	313	315	311	335	348	335	333	333	323	326	330	318	322	330	320
85	209	211	201	222	213	222	213	150	117	88.2	67.4	54.0	39.7	28.8	19.2	10.6	4.82	1.25	0.00
90	145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-05-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table with 3 columns: NAME, TYPE, WEIGHT; SPEC., DIM., SERIAL No.; MFR., SUR., PROTECTION ANGLE.

Table--3

UNIT: cd

Main data table with columns for C (DEG) and gamma (DEG) and rows for intensity values from 0 to 90 degrees.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2016-05-09

gamma Range: 0 - 90DEG
gamma Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:10.100m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.1V I:0.2797A P:62.09W PF:0.9646 Lamp Flux:113.115x72 lm		
NAME: SPS604-HL10B-72NW-5	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:D110mm	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	2721	2721	2721	2721	2721	2721	2721	2721	2721	2721	2721	2721	2721	2721	2721				
5	2712	2713	2713	2711	2710	2709	2708	2707	2707	2708	2709	2710	2712	2713	2715				
10	2676	2675	2675	2675	2675	2676	2677	2681	2683	2682	2681	2678	2676	2676	2677				
15	2621	2623	2623	2629	2638	2640	2637	2631	2623	2623	2625	2629	2631	2633	2637				
20	2566	2559	2567	2575	2573	2569	2566	2566	2571	2578	2572	2566	2563	2562	2563				
25	2476	2478	2492	2504	2495	2494	2485	2481	2484	2486	2487	2479	2466	2459	2456				
30	2384	2385	2411	2370	2373	2380	2371	2357	2372	2387	2377	2361	2358	2361	2368				
35	2246	2258	2242	2250	2281	2251	2232	2264	2263	2251	2244	2249	2261	2250	2243				
40	2092	2094	2089	2114	2102	2091	2111	2107	2105	2119	2110	2089	2080	2095	2105				
45	1920	1914	1951	1944	1940	1943	1936	1948	1943	1934	1932	1923	1943	1949	1941				
50	1740	1745	1759	1744	1751	1758	1762	1754	1760	1758	1760	1741	1745	1767	1745				
55	1529	1536	1558	1543	1558	1548	1539	1556	1553	1558	1558	1548	1549	1558	1554				
60	1311	1311	1319	1321	1318	1317	1320	1325	1328	1342	1331	1350	1320	1339	1329				
65	1057	1071	1081	1086	1074	1074	1085	1088	1085	1090	1101	1106	1106	1099	1098				
70	801	816	833	833	826	824	830	837	842	837	845	839	841	835	827				
75	550	565	581	579	574	578	573	557	576	575	568	581	571	584	572				
80	299	315	333	335	343	357	369	355	355	312	332	336	323	315	318				
85	9.91	18.3	29.5	41.6	58.0	78.4	106	131	176	219	227	228	225	241	216				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-05-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:10.100m [K=1.0000]
 Remarks: