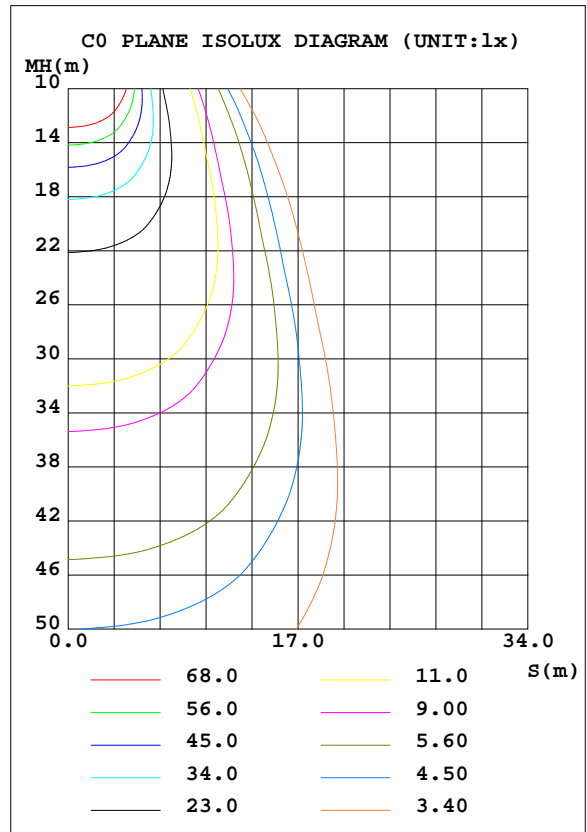
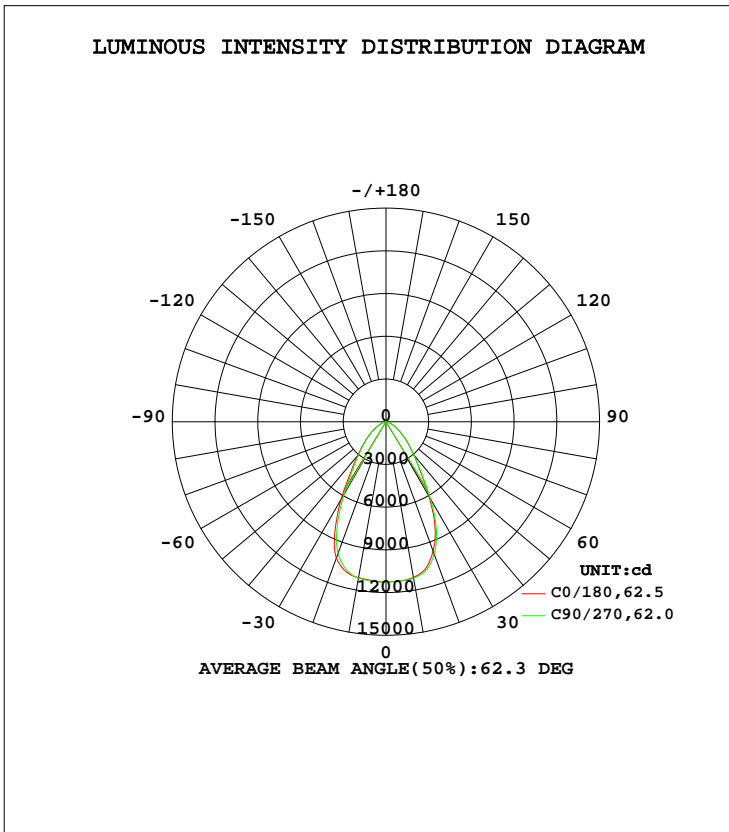


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.0V I:0.4540A P:98.50W PF:0.9860 Freq:50.00Hz Lamp Flux:14755.3x1 lm		
NAME:	TYPE:LED	WEIGHT:2.8KG
SPEC.:HBL-100	DIM.: 260*260*172	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120

DATA OF LAMP		PHOTOMETRIC DATA Eff: 149.8 lm/W			
MODEL	3030	I <sub>max</sub> (cd)	11279	S/MH(C0/180)	0.94
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	0.91
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	14755	η UP, DN(C0-180)	0.7,49.7
NOMINAL FLUX(lm)	14755.3	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.4,49.2
LAMPS INSIDE	1	η up(%)	1.1	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	η down(%)	98.9	CIBSE SHR MAX	0.95



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:007  
 Test Date:2016-08-12

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:5.560m [K=1.0000]  
 Remarks: 529-100W-220

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1110	1112	1115	1117	1112	1114	1115	1115	0- 10	1069	1069	7.54,7.54
20	967.7	975.8	988.8	1001	1019	1004	985.2	964.3	10- 20	3011	4080	28.8,28.8
30	603.2	630.9	623.6	610.7	631.7	598.1	592.5	586.0	20- 30	3722	7803	55,55
40	304.1	312.0	306.1	302.5	310.0	294.8	298.5	301.2	30- 40	2680	10483	73.9,73.9
50	163.1	166.3	163.5	162.7	165.3	158.0	159.9	161.6	40- 50	1739	12221	86.2,86.2
60	80.58	81.88	80.79	79.10	80.90	77.24	79.82	81.45	50- 60	1057	13278	93.6,93.6
70	31.29	32.02	31.46	30.67	31.39	29.70	30.92	32.07	60- 70	525.1	13803	97.4,97.4
80	7.732	8.081	7.985	7.874	7.795	7.297	7.751	8.261	70- 80	186.6	13990	98.7,98.7
90	0.3028	0.2896	0.2986	0.3016	0.1429	0.1478	0.1423	0.1436	80- 90	31.00	14021	98.9,98.9
100	0.6286	0.6082	0.6170	0.6283	0.3138	0.3203	0.3117	0.3100	90-100	3.605	14024	98.9,98.9
110	1.238	1.206	1.204	1.223	0.6404	0.6459	0.6383	0.6264	100-110	7.111	14031	99,99
120	2.299	2.266	2.245	2.248	1.228	1.243	1.240	1.210	110-120	12.88	14044	99.1,99.1
130	3.756	3.705	3.708	3.704	2.163	2.198	2.213	2.155	120-130	20.74	14065	99.2,99.2
140	5.356	5.248	5.227	5.252	3.359	3.380	3.397	3.338	130-140	27.98	14093	99.4,99.4
150	6.624	6.561	6.471	6.517	4.538	4.562	4.616	4.535	140-150	30.99	14124	99.6,99.6
160	7.432	7.469	7.383	7.445	5.547	5.481	5.582	5.542	150-160	27.90	14352	99.8,99.8
170	7.825	7.889	7.788	7.794	6.908	6.748	6.870	6.779	160-170	19.37	14471	99.9,99.9
180	8.178	8.012	8.029	7.999	8.132	8.061	8.026	7.950	170-180	7.260	14755	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 11907 lm

%lum = 80.7%  
%lamp = 80.7%

Conical surface Flux(120deg): 13810 lm

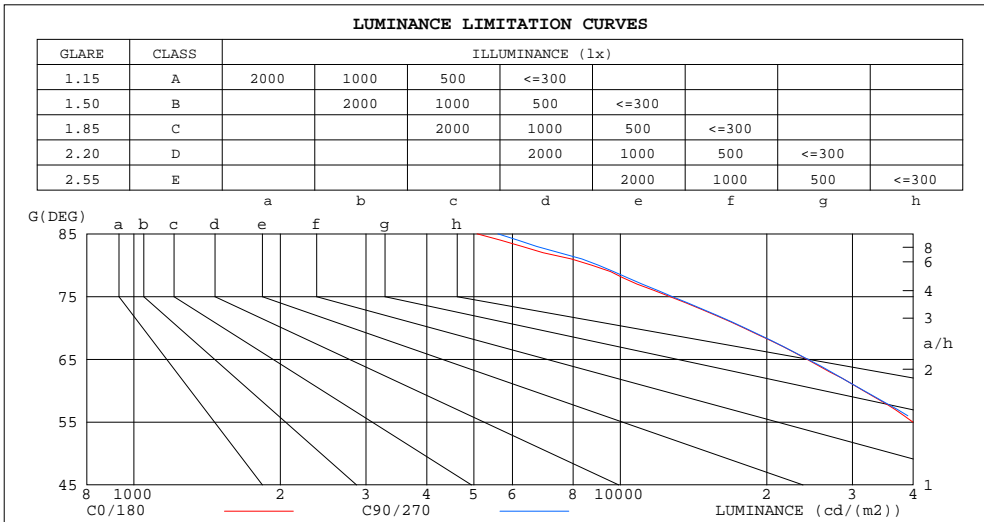
%lum = 93.6%  
%lamp = 93.6%

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:007  
Test Date:2016-08-12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:5.560m [K=1.0000]  
Remarks: 529-100W-220

LUMINANCE LIMITATION CURVES

Test:U:220.0V I:0.4540A P:98.50W PF:0.9860 Freq:50.00Hz Lamp Flux:14755.3x1 lm		
NAME:	TYPE:LED	WEIGHT:2.8KG
SPEC.:HBL-100	DIM.: 260*260*172	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5076	5601
80	8731	9016
75	12636	12788
70	17939	18035
65	24203	24280
60	31600	31684
55	39927	40743
50	49754	49866
45	61860	62368

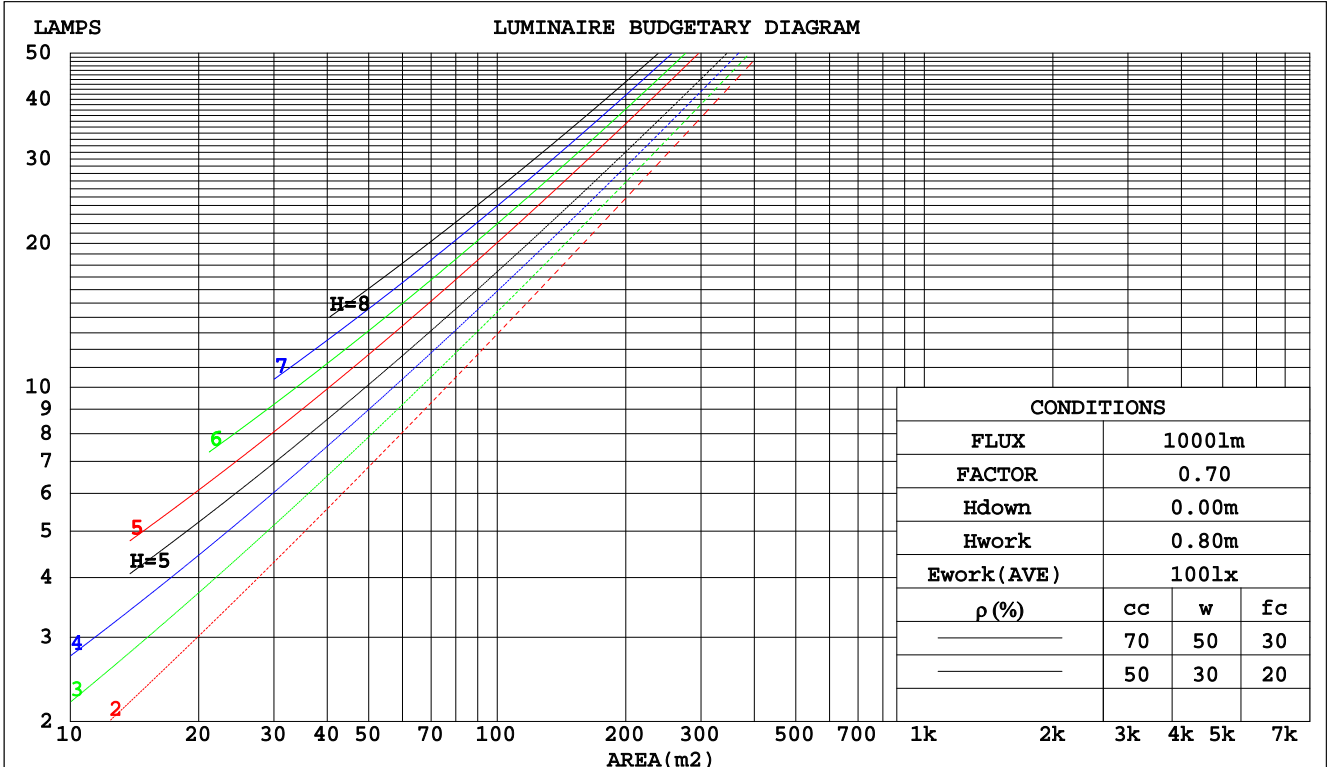
C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:007  
 Test Date:2016-08-12

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:5.560m [K=1.0000]  
 Remarks: 529-100W-220

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.0V I:0.4540A P:98.50W PF:0.9860 Freq:50.00Hz Lamp Flux:14755.3x1 lm		
NAME:	TYPE:LED	WEIGHT:2.8KG
SPEC.:HBL-100	DIM.: 260*260*172	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																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	1.10	1.10	1.10	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.09	1.06	1.03	1.06	1.04	1.01	1.02	.99	.98	.98	.96	.95	.94	.93	.92	.90
2.0	.99	.94	.90	.97	.93	.89	.94	.90	.87	.90	.87	.85	.87	.85	.83	.81
3.0	.91	.85	.80	.89	.83	.79	.86	.81	.78	.83	.80	.76	.81	.78	.75	.73
4.0	.83	.77	.71	.82	.76	.71	.79	.74	.70	.77	.73	.69	.75	.71	.68	.66
5.0	.77	.70	.65	.76	.69	.64	.74	.68	.64	.72	.67	.63	.70	.66	.62	.60
6.0	.71	.64	.59	.70	.63	.59	.68	.62	.58	.67	.62	.58	.65	.61	.57	.55
7.0	.66	.59	.54	.65	.59	.54	.64	.58	.53	.62	.57	.53	.61	.56	.53	.51
8.0	.61	.55	.50	.61	.54	.50	.60	.54	.49	.58	.53	.49	.57	.52	.49	.47
9.0	.57	.51	.46	.57	.50	.46	.56	.50	.46	.55	.49	.46	.54	.49	.45	.44
10.0	.54	.47	.43	.53	.47	.43	.52	.47	.43	.52	.46	.43	.51	.46	.42	.41



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:007  
 Test Date:2016-08-12

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:5.560m [K=1.0000]  
 Remarks: 529-100W-220

WEC AND CCEC

Test:U:220.0V I:0.4540A P:98.50W PF:0.9860 Freq:50.00Hz Lamp Flux:14755.3x1 lm		
NAME:	TYPE:LED	WEIGHT:2.8KG
SPEC.:HBL-100	DIM.: 260*260*172	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120

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	.214	.122	.039	.207	.118	.038	.194	.111	.036	.182	.105	.034	.170	.099	.032	
2.0	.207	.113	.035	.201	.111	.034	.189	.105	.033	.179	.100	.031	.169	.096	.030	
3.0	.197	.105	.031	.191	.102	.031	.181	.098	.030	.172	.094	.029	.163	.090	.028	
4.0	.186	.097	.028	.181	.095	.028	.172	.091	.027	.164	.088	.027	.157	.085	.026	
5.0	.176	.090	.026	.172	.088	.026	.164	.085	.025	.157	.083	.025	.150	.080	.024	
6.0	.166	.083	.024	.163	.082	.024	.156	.080	.023	.149	.078	.023	.143	.075	.022	
7.0	.157	.078	.022	.154	.077	.022	.148	.075	.022	.142	.073	.021	.137	.071	.021	
8.0	.149	.073	.021	.146	.072	.020	.141	.070	.020	.136	.069	.020	.131	.067	.020	
9.0	.142	.069	.019	.139	.068	.019	.134	.066	.019	.130	.065	.019	.125	.064	.018	
10.0	.135	.065	.018	.133	.064	.018	.128	.063	.018	.124	.062	.017	.120	.060	.017	

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	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.182	.166	.150	.156	.142	.129	.107	.098	.090	.061	.057	.052	.020	.018	.017	
2.0	.170	.141	.117	.145	.121	.101	.100	.084	.070	.057	.049	.041	.018	.016	.013	
3.0	.159	.122	.093	.136	.106	.081	.094	.073	.057	.054	.043	.033	.017	.014	.011	
4.0	.150	.108	.076	.129	.094	.066	.088	.065	.047	.051	.038	.028	.016	.012	.009	
5.0	.142	.097	.064	.122	.084	.056	.084	.059	.039	.049	.034	.023	.016	.011	.008	
6.0	.135	.088	.055	.116	.076	.048	.080	.053	.034	.046	.031	.020	.015	.010	.007	
7.0	.129	.081	.048	.111	.070	.042	.076	.049	.029	.044	.029	.018	.014	.009	.006	
8.0	.123	.075	.042	.106	.065	.037	.073	.046	.026	.043	.027	.016	.014	.009	.005	
9.0	.117	.070	.038	.101	.061	.033	.070	.043	.023	.041	.025	.014	.013	.008	.005	
10.0	.113	.066	.034	.097	.057	.030	.067	.040	.021	.039	.024	.013	.013	.008	.004	

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:007  
 Test Date:2016-08-12

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:5.560m [K=1.0000]  
 Remarks: 529-100W-220

UGR(Unified Glare Rating) Table

Test:U:220.0V I:0.4540A P:98.50W PF:0.9860 Freq:50.00Hz Lamp Flux:14755.3x1 lm		
NAME:	TYPE:LED	WEIGHT:2.8KG
SPEC.:HBL-100	DIM.: 260*260*172	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120

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	15.8	15.0	16.0	16.2	14.7	15.9	15.0	16.1	16.3
3H	15.0	16.1	15.3	16.3	16.5	15.1	16.1	15.3	16.3	16.6
4H	15.1	16.1	15.4	16.3	16.6	15.1	16.1	15.4	16.3	16.6
6H	15.1	16.0	15.4	16.2	16.5	15.1	16.0	15.4	16.3	16.6
8H	15.0	15.9	15.4	16.2	16.5	15.1	15.9	15.4	16.2	16.5
12H	15.0	15.8	15.3	16.1	16.4	15.0	15.9	15.4	16.2	16.5
4H 2H	14.8	15.8	15.1	16.1	16.3	14.9	15.9	15.2	16.1	16.4
3H	15.3	16.1	15.6	16.4	16.7	15.3	16.1	15.6	16.4	16.7
4H	15.4	16.1	15.7	16.4	16.8	15.4	16.2	15.8	16.5	16.8
6H	15.4	16.0	15.8	16.4	16.8	15.4	16.1	15.8	16.4	16.8
8H	15.4	16.0	15.8	16.4	16.8	15.4	16.0	15.8	16.4	16.8
12H	15.3	15.9	15.8	16.3	16.7	15.4	15.9	15.8	16.3	16.7
8H 4H	15.3	15.9	15.7	16.3	16.7	15.3	16.0	15.8	16.3	16.7
6H	15.4	15.9	15.8	16.3	16.7	15.4	15.9	15.9	16.3	16.8
8H	15.4	15.8	15.8	16.3	16.7	15.4	15.8	15.9	16.3	16.8
12H	15.3	15.7	15.8	16.2	16.7	15.4	15.8	15.9	16.2	16.7
12H 4H	15.3	15.8	15.7	16.2	16.7	15.3	15.9	15.7	16.3	16.7
6H	15.3	15.8	15.8	16.2	16.7	15.4	15.8	15.8	16.3	16.7
8H	15.3	15.7	15.8	16.2	16.7	15.4	15.8	15.9	16.2	16.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.9 / - 1.2					+ 0.9 / - 1.2				
1.5H	+ 0.9 / - 0.7					+ 0.9 / - 0.6				
2.0H	+ 1.7 / - 1.6					+ 1.7 / - 1.6				

CIE Pub.117, 14178 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 9.2)

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:007  
 Test Date:2016-08-12

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:5.560m [K=1.0000]  
 Remarks: 529-100W-220

UTILIZATION FACTORS TABLE

Test:U:220.0V I:0.4540A P:98.50W PF:0.9860 Freq:50.00Hz Lamp Flux:14755.3x1 lm		
NAME:	TYPE:LED	WEIGHT:2.8KG
SPEC.:HBL-100	DIM.: 260*260*172	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120

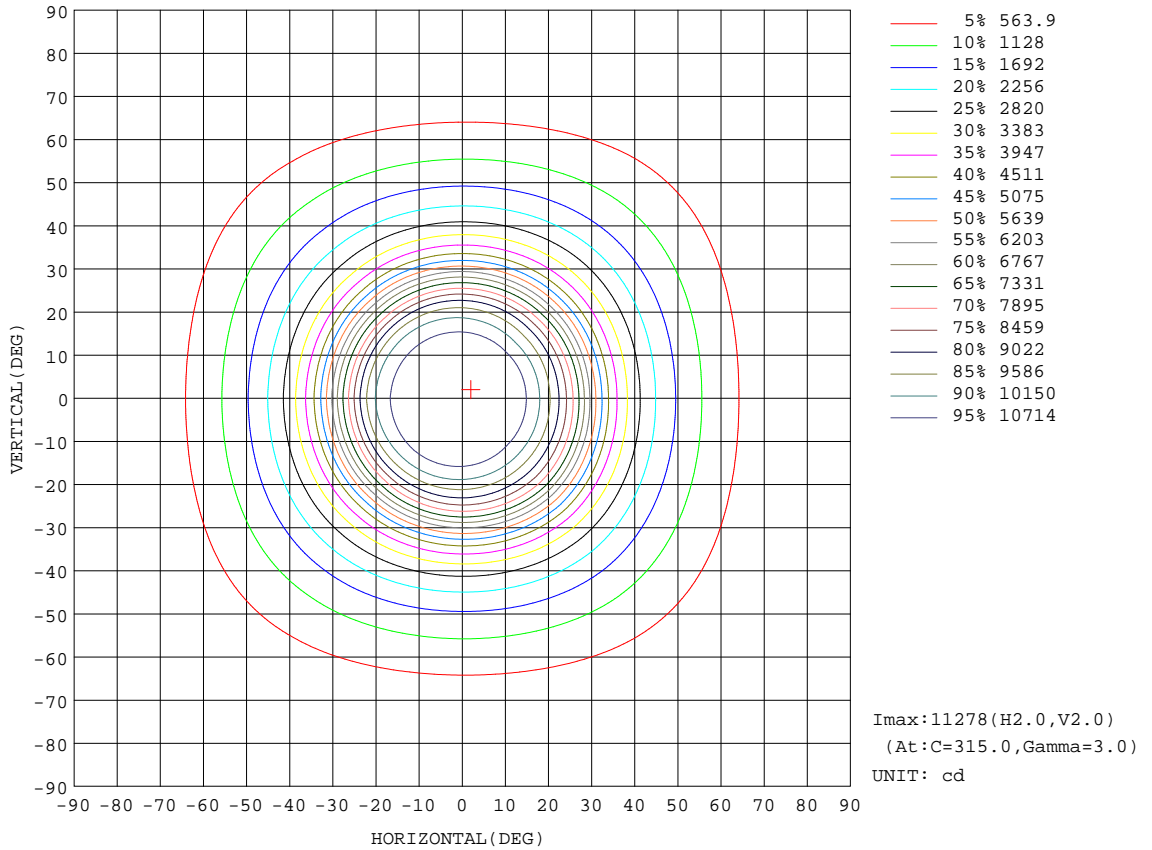
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	75	67	62	74	66	61	73	66	61	57
0.80	84	76	71	83	76	71	82	75	70	65
1.00	90	83	78	89	82	78	87	83	77	72
1.25	96	89	84	95	88	84	92	87	83	77
1.50	99	93	88	98	92	88	95	90	87	81
2.00	104	98	94	102	97	93	99	95	92	85
2.50	106	101	97	104	100	96	101	97	94	87
3.00	108	104	100	106	102	99	103	99	97	89
4.00	111	107	104	109	106	103	105	102	100	92
5.00	113	110	107	110	108	105	106	104	102	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:007  
 Test Date:2016-08-12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:5.560m [K=1.0000]  
 Remarks: 529-100W-220

**ISOCANDELA DIAGRAM**

Test:U:220.0V I:0.4540A P:98.50W PF:0.9860 Freq:50.00Hz Lamp Flux:14755.3x1 lm		
NAME:	TYPE:LED	WEIGHT:2.8KG
SPEC.:HBL-100	DIM.: 260*260*172	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:007  
 Test Date:2016-08-12

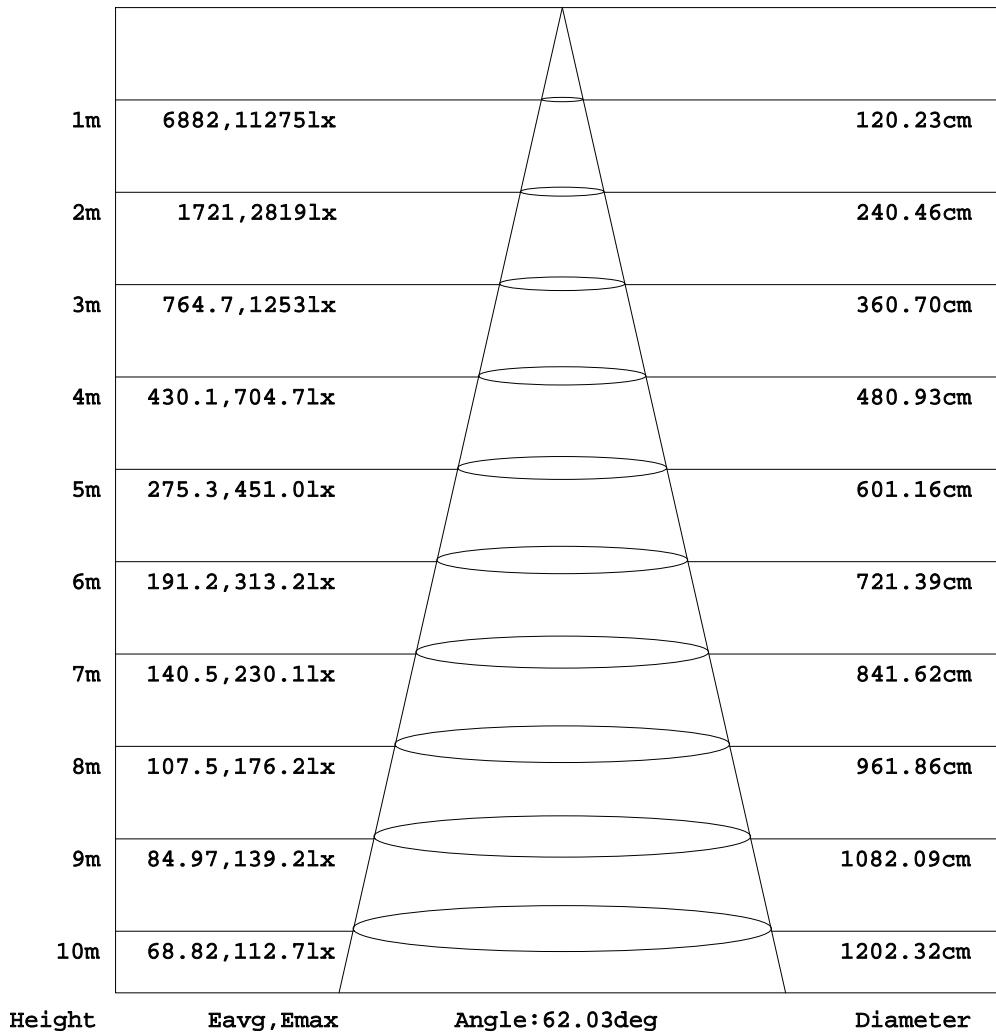
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:5.560m [K=1.0000]  
 Remarks: 529-100W-220



AAI Figure

Test:U:220.0V I:0.4540A P:98.50W PF:0.9860 Freq:50.00Hz Lamp Flux:14755.3x1 lm		
NAME:	TYPE:LED	WEIGHT:2.8KG
SPEC.:HBL-100	DIM.: 260*260*172	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120

Flux out:8442 lm



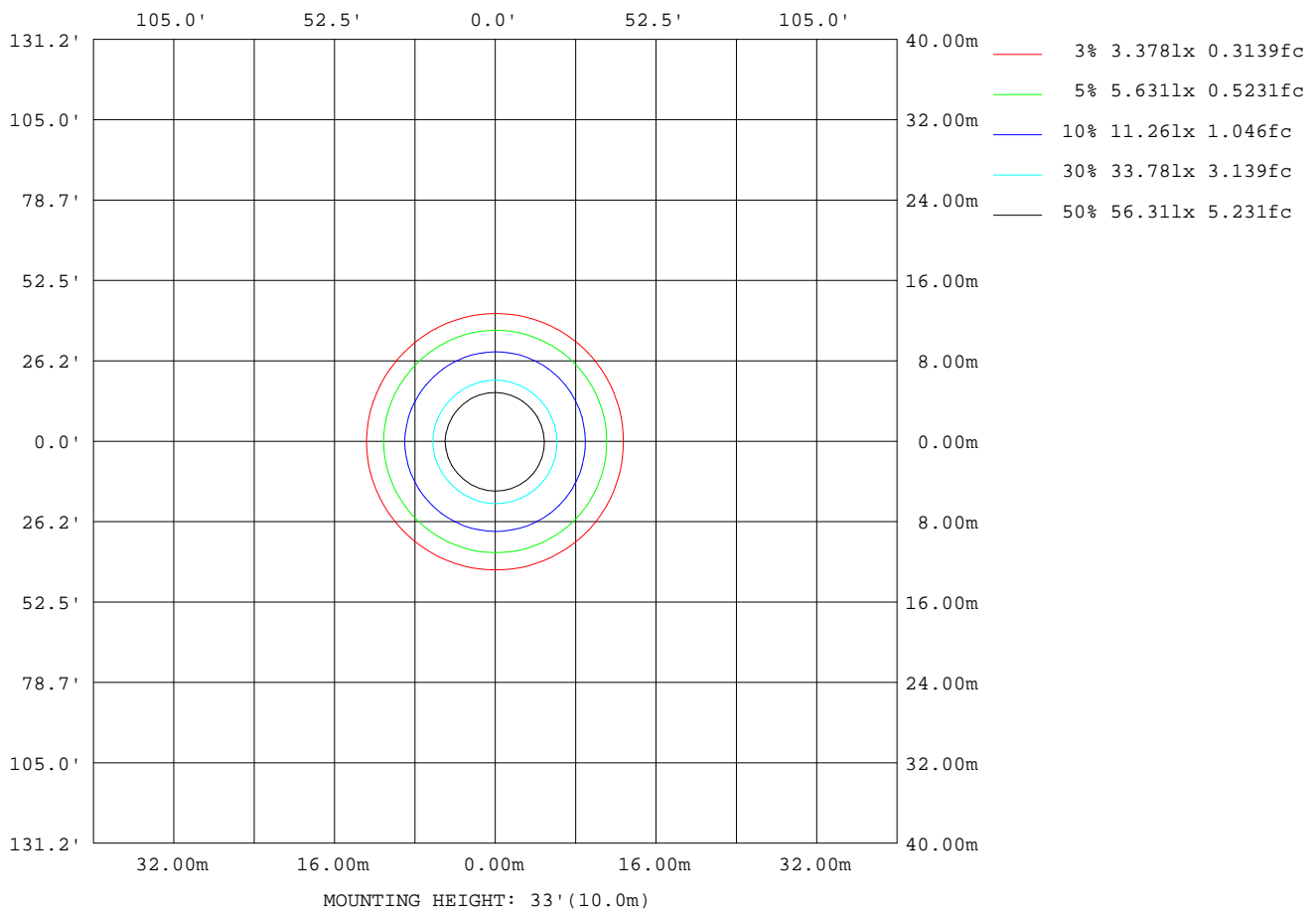
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:007  
 Test Date:2016-08-12

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:5.560m [K=1.0000]  
 Remarks: 529-100W-220

**ISOLUX DIAGRAM**

Test:U:220.0V I:0.4540A P:98.50W PF:0.9860 Freq:50.00Hz Lamp Flux:14755.3x1 lm		
NAME:	TYPE:LED	WEIGHT:2.8KG
SPEC.:HBL-100	DIM.: 260*260*172	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:007  
 Test Date:2016-08-12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:5.560m [K=1.0000]  
 Remarks: 529-100W-220

**LED Avg.L Report**

Test:U:220.0V I:0.4540A P:98.50W PF:0.9860 Freq:50.00Hz Lamp Flux:14755.3x1 lm		
NAME:	TYPE:LED	WEIGHT:2.8KG
SPEC.:HBL-100	DIM.: 260*260*172	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120

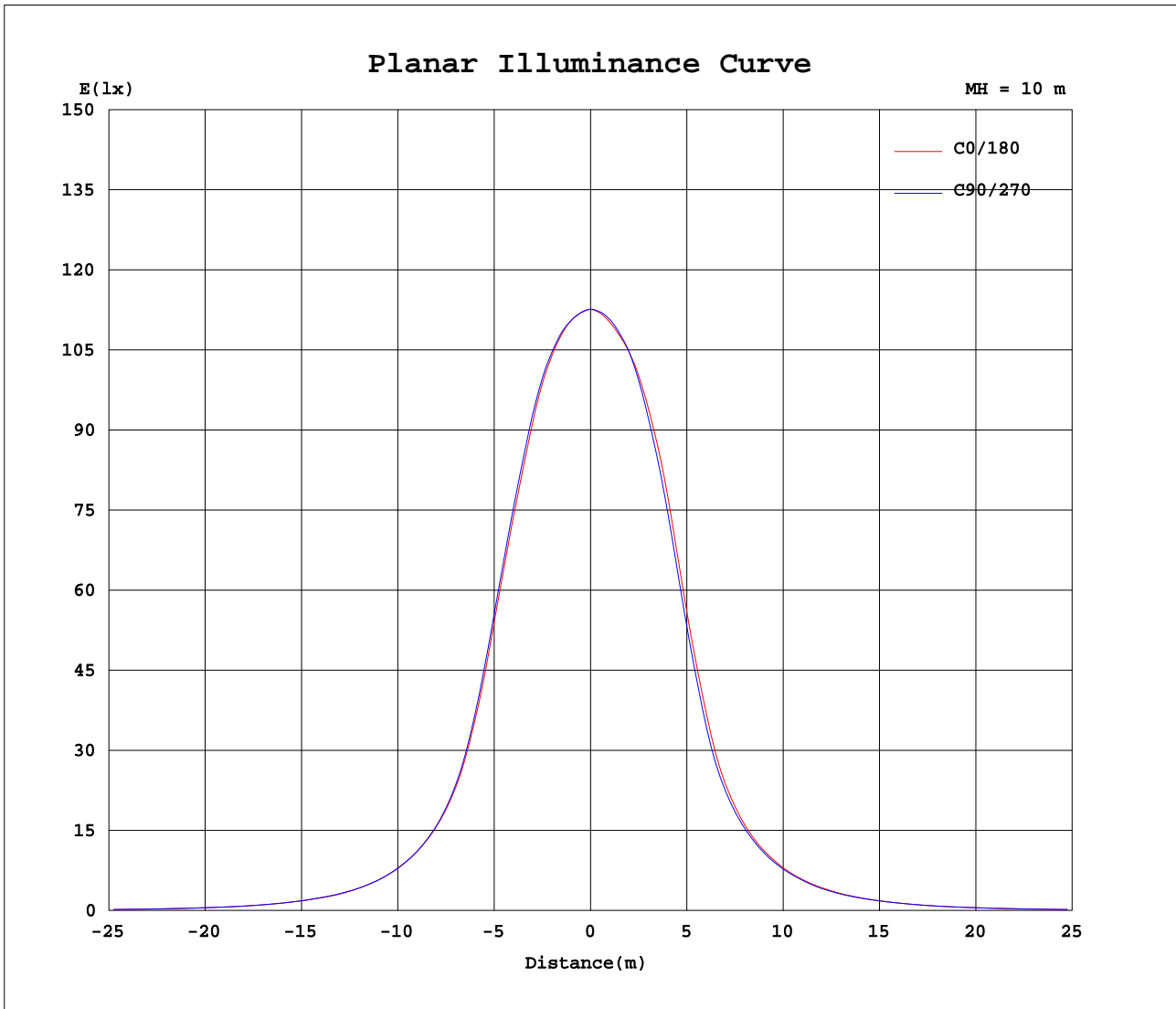
AvgL	cd/m2
L_0~180(65)av	24211
L_0~180(75)av	12689
L_0~180(85)av	5171
L_90~270(65)av	24113
L_90~270(75)av	12726
L_90~270(85)av	5324
L_45(65)av	24014
L_45(75)av	12710
L_45(85)av	5288

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:007  
 Test Date:2016-08-12

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:5.560m [K=1.0000]  
 Remarks: 529-100W-220

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 007  
 Test Date: 2016-08-12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 5.560m [K=1.0000]  
 Remarks: 529-100W-220

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.4540A P:98.50W PF:0.9860 Freq:50.00Hz Lamp Flux:14755.3x1 lm		
NAME:	TYPE:LED	WEIGHT:2.8KG
SPEC.:HBL-100	DIM.: 260*260*172	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120

Table--1

UNIT: x10cd

C(DEG)\ γ (DEG)	0	45	90	135	180	225	270	315											
0	1126	1126	1127	1127	1126	1126	1127	1127											
5	1123	1123	1123	1122	1120	1122	1124	1127											
10	1110	1112	1115	1117	1112	1114	1115	1115											
15	1070	1072	1082	1089	1089	1084	1077	1067											
20	968	976	989	1001	1019	1004	985	964											
25	816	838	838	831	850	820	811	798											
30	603	631	624	611	632	598	592	586											
35	418	437	427	418	431	408	408	410											
40	304	312	306	302	310	295	298	301											
45	223	228	225	223	227	217	220	222											
50	163	166	163	163	165	158	160	162											
55	117	120	119	116	119	114	116	118											
60	80.6	81.9	80.8	79.1	80.9	77.2	79.8	81.5											
65	52.2	53.2	52.3	51.1	52.2	49.7	51.6	53.1											
70	31.3	32.0	31.5	30.7	31.4	29.7	30.9	32.1											
75	16.7	17.3	16.9	16.5	16.8	16.0	16.7	17.3											
80	7.73	8.08	7.98	7.87	7.79	7.30	7.75	8.26											
85	2.26	2.49	2.49	2.45	2.34	2.12	2.24	2.35											
90	0.30	0.29	0.30	0.30	0.14	0.15	0.14	0.14											
95	0.44	0.42	0.43	0.44	0.21	0.22	0.21	0.21											
100	0.63	0.61	0.62	0.63	0.31	0.32	0.31	0.31											
105	0.89	0.86	0.87	0.88	0.45	0.46	0.45	0.44											
110	1.24	1.21	1.20	1.22	0.64	0.65	0.64	0.63											
115	1.71	1.68	1.66	1.68	0.89	0.90	0.89	0.87											
120	2.30	2.27	2.25	2.25	1.23	1.24	1.24	1.21											
125	2.99	2.96	2.94	2.93	1.65	1.68	1.69	1.64											
130	3.76	3.71	3.71	3.70	2.16	2.20	2.21	2.16											
135	4.55	4.48	4.48	4.50	2.74	2.78	2.79	2.73											
140	5.36	5.25	5.23	5.25	3.36	3.38	3.40	3.34											
145	6.06	5.97	5.90	5.93	3.98	3.98	4.00	3.95											
150	6.62	6.56	6.47	6.52	4.54	4.56	4.62	4.54											
155	7.09	7.07	6.99	7.03	5.08	5.09	5.19	5.09											
160	7.43	7.47	7.38	7.44	5.55	5.48	5.58	5.54											
165	7.62	7.66	7.60	7.61	6.14	6.02	6.15	6.07											
170	7.83	7.89	7.79	7.79	6.91	6.75	6.87	6.78											
175	8.01	8.08	7.91	7.93	7.57	7.37	7.49	7.44											
180	8.18	8.01	8.03	8.00	8.13	8.06	8.03	7.95											

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
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γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
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