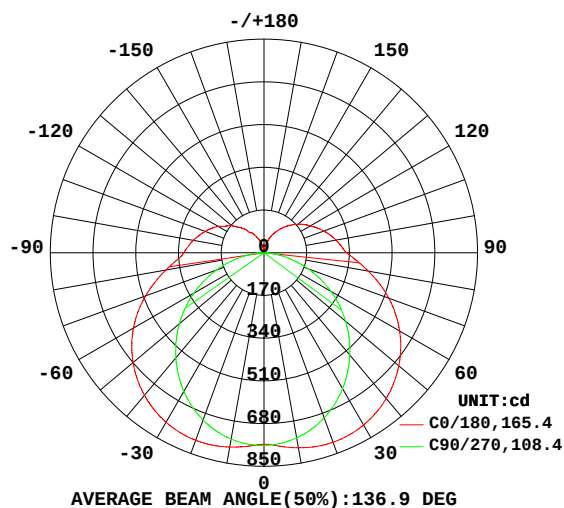


LUMINAIRE PHOTOMETRIC TEST REPORT

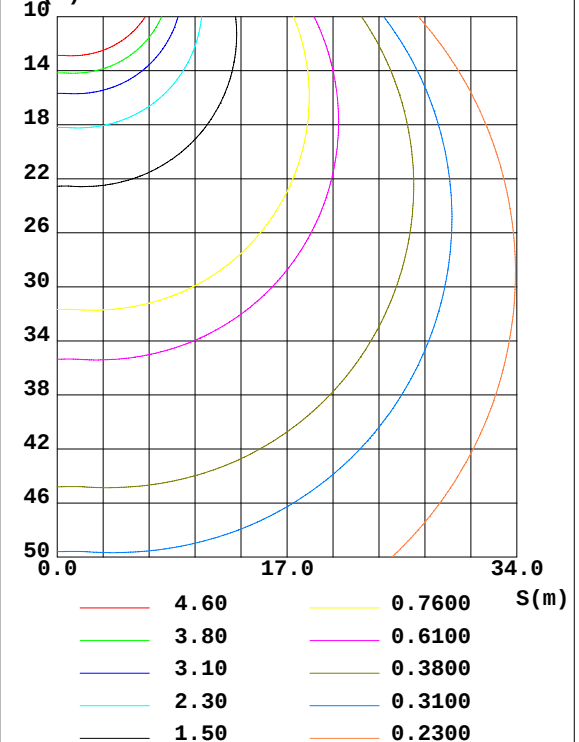
Test:U:219.90V I:0.1490A P:31.950W PF:0.9710 Freq:50.00Hz Lamp Flux:3753.24x1 lm		
NAME: MZJ-Y020128A	TYPE: LED 4000K	WEIGHT: N/A
SPEC.: MZJ-Y020128A	DIM.: 1186*50MM	SERIAL No.: 37
MFR.:	SUR.: 1.17*0.05	Shielding Angle: N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 117.47 lm/W			
MODEL	2.44.S2835.4000K	I _{max} (cd)	802.7	S/MH(C0/180)	1.52
NOMINAL POWER(W)	31.95	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	3753.2	η UP, DN(C0-180)	9.1, 40.4
NOMINAL FLUX(lm)	3753.24	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	9.5, 41.0
LAMPS INSIDE	1	η up(%)	18.6	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	220.1	η down(%)	81.4	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WEIJIE
Test Date: 2023-12-07

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 8.600m [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	788.2	764.5	748.2	773.1	785.0	775.1	753.0	763.6	0- 10	73.30	73.30	1.95,1.95
20	802.5	757.4	699.3	756.5	794.3	762.9	708.6	759.3	10- 20	216.6	289.9	7.72,7.72
30	791.9	726.6	625.0	715.4	779.1	725.7	637.6	731.4	20- 30	341.9	631.8	16.8,16.8
40	756.9	673.6	530.9	652.5	740.2	666.2	546.4	680.9	30- 40	433.5	1065	28.4,28.4
50	700.5	602.1	424.4	571.6	680.0	587.3	439.2	610.7	40- 50	481.3	1547	41.2,41.2
60	623.5	513.9	308.0	474.7	599.9	492.3	323.0	524.3	50- 60	480.6	2027	54,54
70	528.1	412.5	186.8	366.5	501.3	385.3	201.5	423.9	60- 70	432.5	2460	65.5,65.5
80	421.7	304.4	72.66	259.8	396.2	276.5	84.52	316.1	70- 80	346.4	2806	74.8,74.8
90	328.8	202.2	1.877	178.6	319.3	202.8	2.696	220.6	80- 90	247.7	3054	81.4,81.4
100	291.4	168.1	2.367	152.3	285.6	176.2	2.210	180.1	90-100	188.3	3242	86.4,86.4
110	253.9	154.0	2.182	140.4	249.1	151.5	1.697	158.1	100-110	161.1	3403	90.7,90.7
120	214.2	127.3	1.803	119.8	210.9	127.2	1.747	132.3	110-120	130.9	3534	94.2,94.2
130	177.3	93.39	1.924	95.83	167.7	102.2	2.163	98.50	120-130	96.54	3631	96.7,96.7
140	137.0	63.42	2.511	70.75	125.1	76.38	2.866	67.55	130-140	63.15	3694	98.4,98.4
150	97.70	42.99	3.024	46.58	88.47	48.02	3.398	45.64	140-150	36.32	3730	99.4,99.4
160	59.45	26.27	3.532	23.04	53.24	25.21	3.643	27.72	150-160	17.13	3747	99.8,99.8
170	13.33	13.00	3.745	5.737	18.54	7.606	3.708	14.99	160-170	5.391	3753	100,100
180	2.080	2.702	3.810	3.525	2.071	2.730	3.768	3.509	170-180	0.6391	3753	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1302.9 lm

%lum = 34.7%

%lamp = 34.7%

Conical surface Flux(120deg): 2027.2 lm

%lum = 54.0%

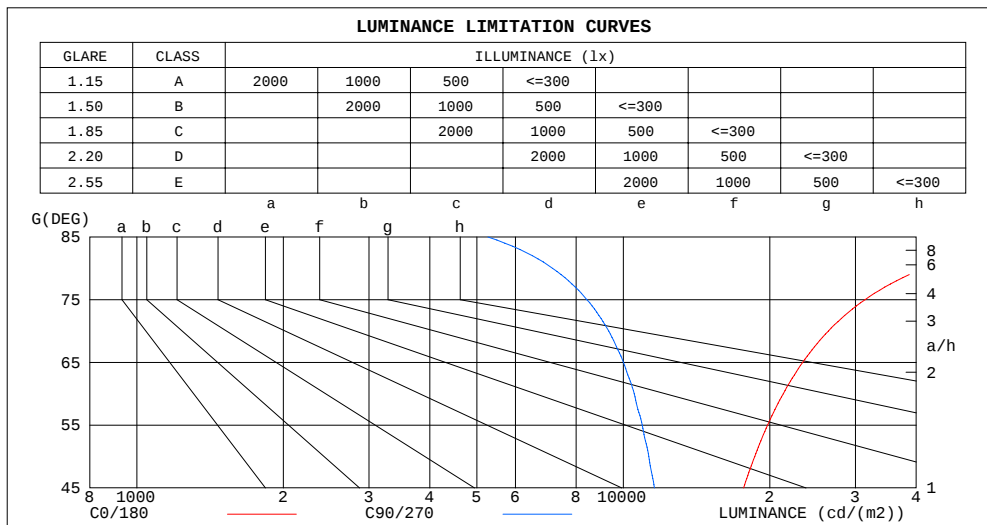
%lamp = 54.0%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WEIJIE
 Test Date:2023-12-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.600m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.90V I:0.1490A P:31.950W PF:0.9710 Freq:50.00Hz Lamp Flux:3753.24x1 lm		
NAME: MZJ-Y020128A	TYPE: LED 4000K	WEIGHT: N/A
SPEC.: MZJ-Y020128A	DIM.: 1186*50MM	SERIAL No.: 37
MFR.:	SUR.: 1.17*0.05	Shielding Angle: N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	72764	5267
80	41513	7153
75	31399	8417
70	26393	9334
65	23374	10007
60	21316	10529
55	19798	10938
50	18628	11285
45	17673	11583

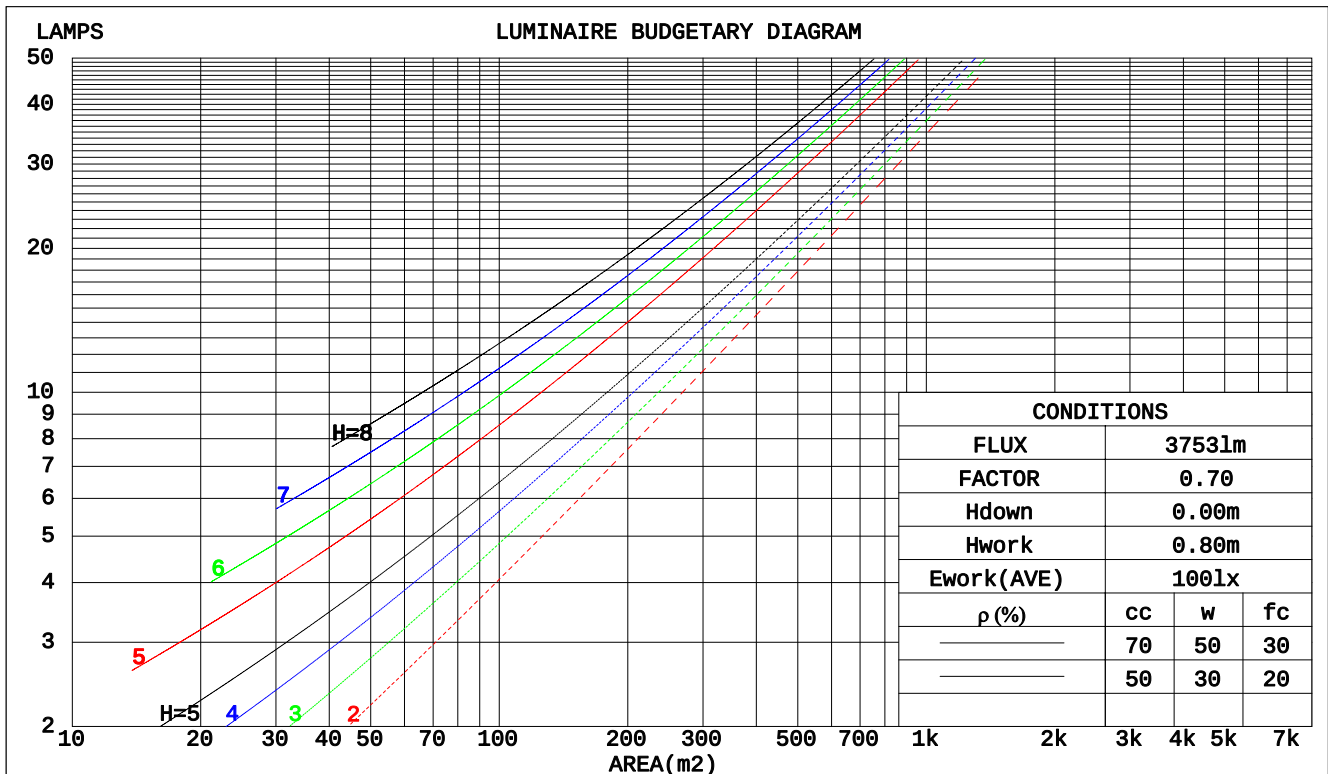
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WEIJIE
Test Date:2023-12-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.600m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.90V I:0.1490A P:31.950W PF:0.9710 Freq:50.00Hz Lamp Flux:3753.24x1 lm		
NAME: MZJ-Y020128A	TYPE: LED 4000K	WEIGHT: N/A
SPEC.: MZJ-Y020128A	DIM.: 1186*50MM	SERIAL No.: 37
MFR.:	SUR.: 1.17*0.05	Shielding Angle: N/A

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						Coefficients of Utilization(CU)									
0.0	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	.93	.93	.93	.85	.85	.85	.81
1.0	.96	.91	.86	.92	.87	.83	.84	.80	.77	.77	.74	.71	.70	.68	.66	.62
2.0	.82	.74	.68	.79	.71	.66	.72	.66	.61	.66	.61	.57	.60	.56	.53	.50
3.0	.71	.62	.55	.68	.60	.53	.62	.56	.50	.57	.52	.47	.52	.48	.44	.41
4.0	.62	.53	.46	.60	.51	.44	.55	.48	.42	.50	.44	.39	.46	.41	.37	.34
5.0	.55	.46	.39	.53	.44	.38	.49	.41	.36	.45	.39	.34	.41	.36	.32	.29
6.0	.49	.40	.33	.48	.39	.33	.44	.36	.31	.40	.34	.29	.37	.32	.27	.25
7.0	.45	.36	.29	.43	.34	.28	.40	.32	.27	.37	.30	.25	.34	.28	.24	.22
8.0	.40	.32	.26	.39	.31	.25	.36	.29	.24	.33	.27	.23	.31	.25	.21	.19
9.0	.37	.29	.23	.36	.28	.22	.33	.26	.21	.31	.25	.20	.28	.23	.19	.17
10.0	.34	.26	.21	.33	.25	.20	.30	.24	.19	.28	.22	.18	.26	.21	.17	.15



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WEIJIE
 Test Date: 2023-12-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000A_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:219.90V I:0.1490A P:31.950W PF:0.9710 Freq:50.00Hz Lamp Flux:3753.24x1 lm					
NAME: MZJ-Y020128A			TYPE: LED 4000K		WEIGHT: N/A
SPEC.: MZJ-Y020128A			DIM.: 1186*50MM		SERIAL No.: 37
MFR.:			SUR.: 1.17*0.05		Shielding Angle: N/A

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 Coeffcients(WEC)											
0.0																		
1.0	.376	.214	.068	.363	.207	.066	.339	.195	.062	.317	.183	.059	.296	.172	.055			
2.0	.329	.180	.055	.317	.175	.054	.296	.164	.051	.275	.154	.048	.257	.145	.046			
3.0	.294	.156	.047	.283	.152	.046	.263	.143	.043	.245	.134	.041	.228	.126	.039			
4.0	.265	.138	.040	.256	.134	.040	.238	.126	.038	.221	.119	.036	.206	.112	.034			
5.0	.241	.123	.036	.233	.119	.035	.216	.113	.033	.201	.106	.032	.187	.100	.030			
6.0	.221	.111	.032	.214	.108	.031	.199	.102	.030	.185	.096	.028	.172	.090	.027			
7.0	.204	.101	.029	.197	.098	.028	.184	.093	.027	.171	.088	.025	.159	.083	.024			
8.0	.190	.093	.026	.183	.090	.025	.171	.085	.024	.159	.080	.023	.148	.076	.022			
9.0	.177	.086	.024	.171	.083	.023	.159	.079	.022	.148	.074	.021	.138	.070	.020			
10.0	.165	.079	.022	.160	.077	.022	.149	.073	.021	.139	.069	.020	.130	.065	.019			

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	.332	.332	.332	.284	.284	.284	.194	.194	.194	.111	.111	.111	.036	.036	.036	
1.0	.328	.299	.272	.281	.256	.234	.192	.176	.162	.111	.102	.094	.035	.033	.030	
2.0	.321	.276	.238	.275	.237	.205	.189	.164	.143	.109	.096	.084	.035	.031	.027	
3.0	.314	.259	.216	.269	.224	.187	.185	.155	.131	.107	.091	.077	.034	.029	.025	
4.0	.306	.247	.201	.263	.213	.175	.181	.149	.123	.105	.087	.073	.034	.028	.024	
5.0	.299	.237	.192	.257	.205	.167	.177	.143	.118	.102	.084	.070	.033	.027	.023	
6.0	.291	.229	.185	.250	.198	.161	.173	.139	.114	.100	.082	.068	.032	.027	.022	
7.0	.284	.223	.179	.245	.193	.156	.169	.135	.111	.098	.080	.066	.032	.026	.022	
8.0	.278	.217	.175	.239	.188	.153	.165	.132	.108	.096	.078	.065	.031	.026	.021	
9.0	.271	.212	.172	.234	.184	.150	.162	.129	.107	.094	.076	.064	.031	.025	.021	
10.0	.266	.208	.170	.229	.181	.148	.159	.127	.105	.093	.075	.063	.030	.025	.021	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WEIJIE
Test Date:2023-12-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.600m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.90V I:0.1490A P:31.950W PF:0.9710 Freq:50.00Hz Lamp Flux:3753.24x1 lm										
NAME: MZJ-Y020128A					TYPE: LED 4000K			WEIGHT: N/A		
SPEC.: MZJ-Y020128A					DIM.: 1186*50MM			SERIAL No.: 37		
MFR.:					SUR.: 1.17*0.05			Shielding Angle: N/A		
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	22.7	24.1	23.2	24.6	25.2	20.1	21.5	20.7	22.0	22.6
3H	25.3	26.5	25.8	27.1	27.7	21.6	22.9	22.2	23.4	24.0
4H	26.6	27.8	27.2	28.4	29.0	22.2	23.4	22.8	24.0	24.6
6H	28.1	29.2	28.7	29.8	30.5	22.6	23.7	23.2	24.3	25.0
8H	28.9	30.0	29.5	30.6	31.3	22.7	23.8	23.3	24.4	25.1
12H	29.8	30.9	30.4	31.5	32.2	22.8	23.8	23.4	24.4	25.1
4H 2H	23.3	24.5	23.8	25.0	25.7	21.4	22.6	22.0	23.2	23.8
3H	26.1	27.1	26.7	27.7	28.4	23.2	24.3	23.8	24.9	25.6
4H	27.6	28.6	28.3	29.2	29.9	24.0	25.0	24.6	25.6	26.3
6H	29.3	30.2	30.0	30.8	31.6	24.6	25.5	25.3	26.1	26.9
8H	30.2	31.0	30.9	31.7	32.5	24.8	25.6	25.5	26.3	27.0
12H	31.3	32.0	32.0	32.7	33.5	24.9	25.7	25.6	26.4	27.1
8H 4H	28.0	28.8	28.6	29.4	30.2	25.1	25.9	25.8	26.6	27.3
6H	29.9	30.6	30.6	31.3	32.1	26.1	26.8	26.8	27.5	28.3
8H	31.1	31.7	31.8	32.4	33.2	26.5	27.1	27.2	27.8	28.7
12H	32.4	32.9	33.1	33.6	34.5	26.8	27.4	27.6	28.1	28.9
12H 4H	28.0	28.7	28.7	29.4	30.2	25.4	26.2	26.1	26.8	27.6
6H	30.1	30.7	30.8	31.4	32.2	26.6	27.2	27.3	27.9	28.8
8H	31.3	31.8	32.0	32.5	33.4	27.2	27.8	28.0	28.5	29.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.5				

CIE Pub.117, 3753 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 4.6$)
Area: 0.0585 m²

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WEIJIE
Test Date:2023-12-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.600m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.90V I:0.1490A P:31.950W PF:0.9710 Freq:50.00Hz Lamp Flux:3753.24x1 lm		
NAME: MZJ-Y020128A	TYPE: LED 4000K	WEIGHT: N/A
SPEC.: MZJ-Y020128A	DIM.: 1186*50MM	SERIAL No.: 37
MFR.:	SUR.: 1.17*0.05	Shielding Angle: N/A

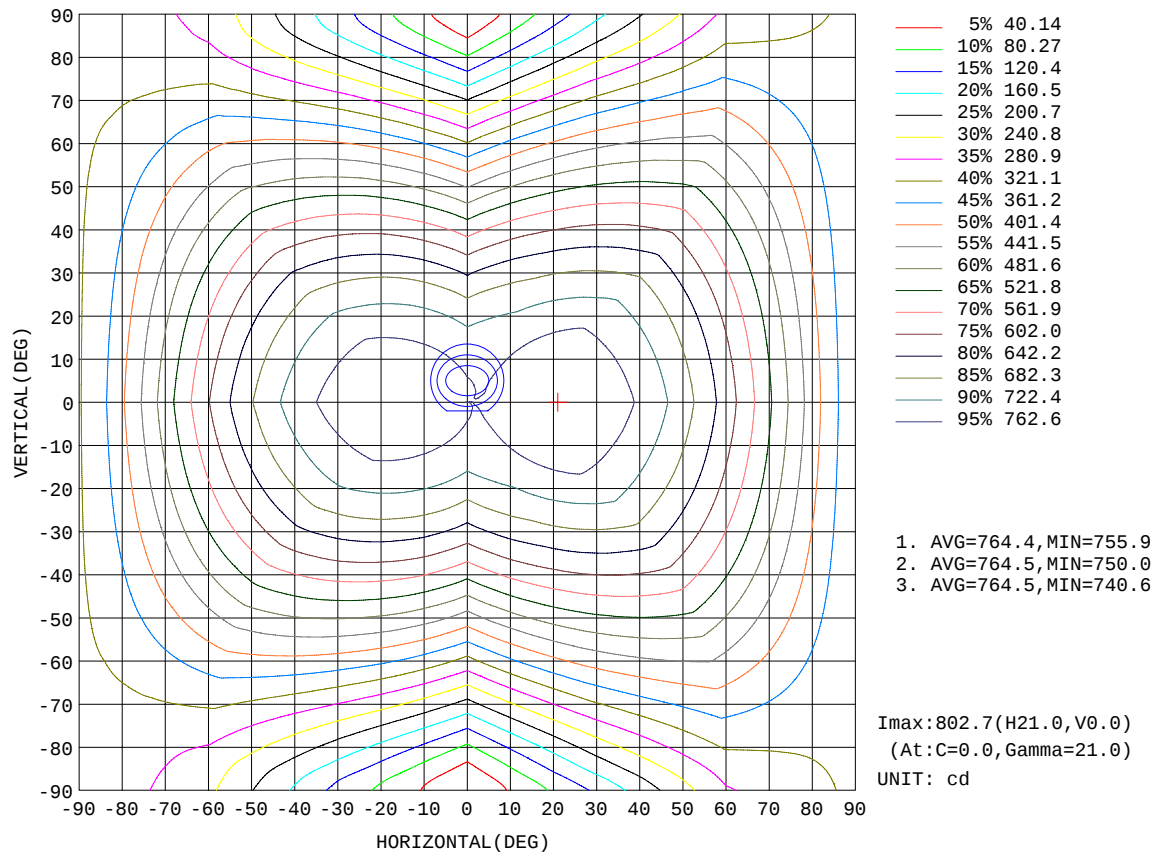
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	48	35	28	46	35	28	44	34	27	20
0.80	57	44	36	55	43	35	52	42	35	27
1.00	65	52	43	63	51	43	59	51	42	33
1.25	72	59	51	69	58	50	65	55	48	38
1.50	77	65	56	74	63	55	69	60	53	42
2.00	84	73	65	81	71	64	75	67	61	49
2.50	89	79	71	85	76	69	79	71	65	53
3.00	92	83	76	89	81	74	82	75	70	56
4.00	97	89	83	93	86	80	86	80	76	61
5.00	100	93	88	96	90	85	88	84	79	64
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WEIJIE
Test Date:2023-12-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.600m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:219.90V I:0.1490A P:31.950W PF:0.9710 Freq:50.00Hz Lamp Flux:3753.24x1 lm		
NAME: MZJ-Y020128A	TYPE: LED 4000K	WEIGHT: N/A
SPEC.: MZJ-Y020128A	DIM.: 1186*50MM	SERIAL No.: 37
MFR.:	SUR.: 1.17*0.05	Shielding Angle: N/A

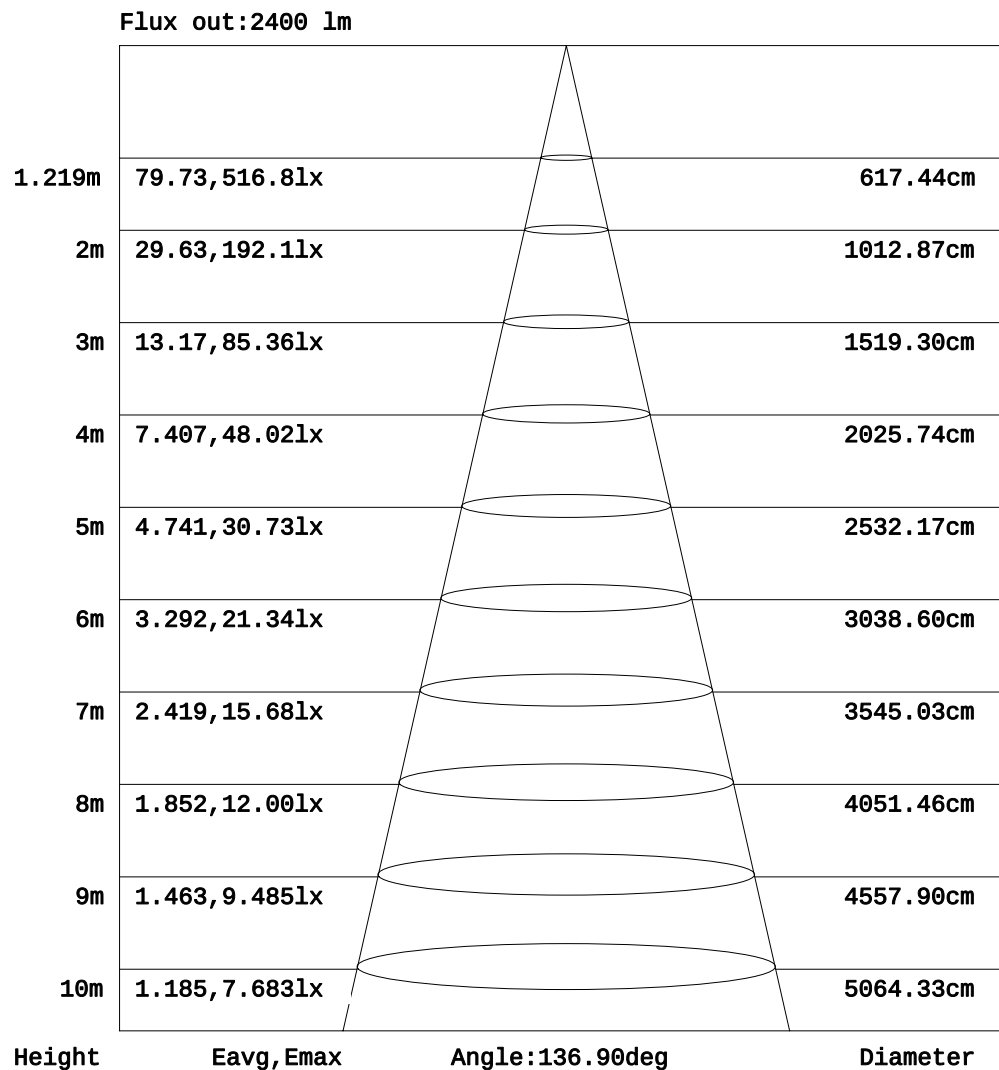


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WEIJIE
Test Date:2023-12-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.600m [K=1.0000]
Remarks:

AAI Figure

Test:U:219.90V I:0.1490A P:31.950W PF:0.9710 Freq:50.00Hz Lamp Flux:3753.24x1 lm		
NAME: MZJ-Y020128A	TYPE: LED 4000K	WEIGHT: N/A
SPEC.: MZJ-Y020128A	DIM.: 1186*50MM	SERIAL No.: 37
MFR.:	SUR.: 1.17*0.05	Shielding Angle: N/A



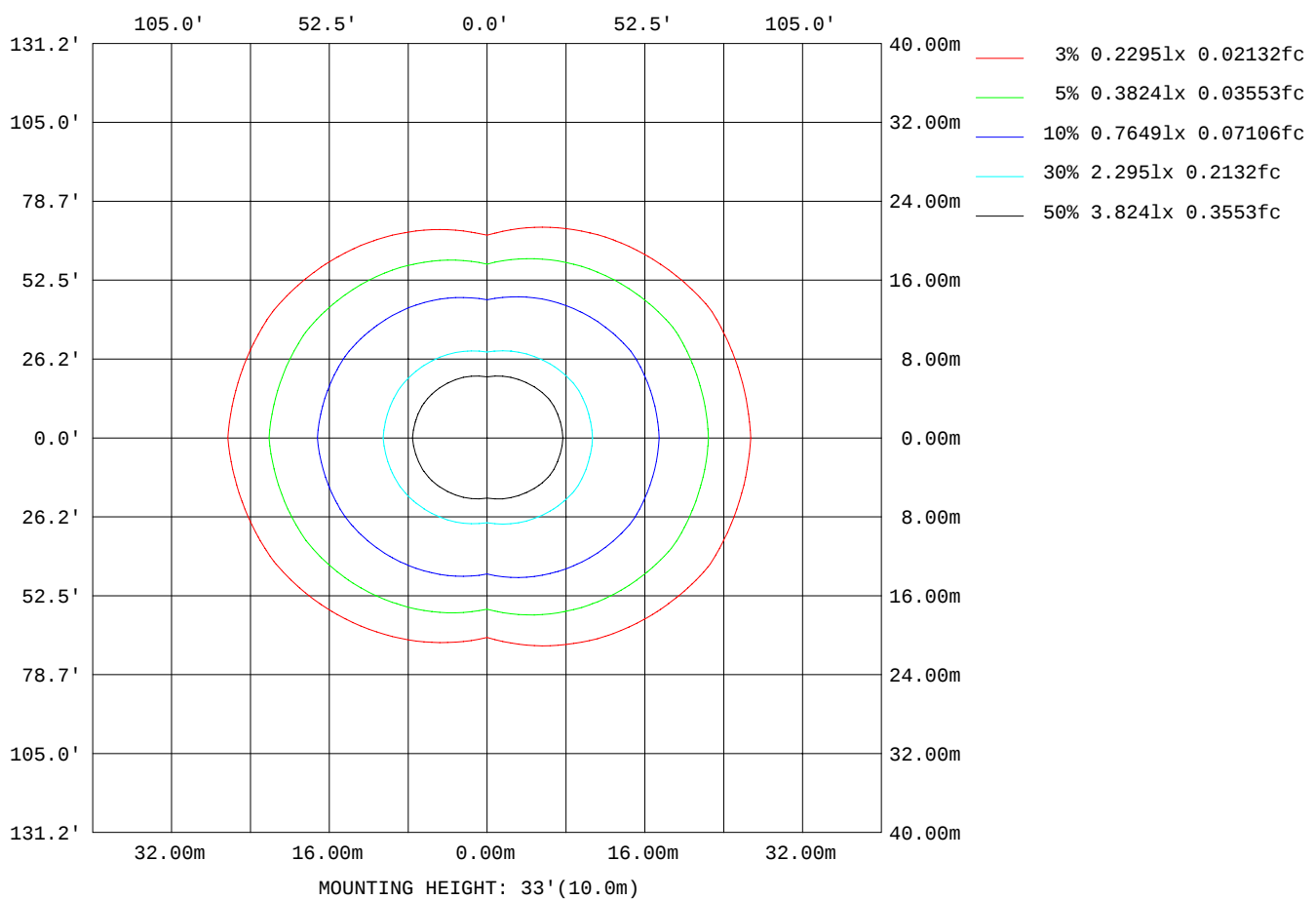
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WEIJIE
Test Date:2023-12-07

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.600m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:219.90V I:0.1490A P:31.950W PF:0.9710 Freq:50.00Hz Lamp Flux:3753.24x1 lm		
NAME: MZJ-Y020128A	TYPE: LED 4000K	WEIGHT: N/A
SPEC.: MZJ-Y020128A	DIM.: 1186*50MM	SERIAL No.: 37
MFR.:	SUR.: 1.17*0.05	Shielding Angle: N/A



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WEIJIE
Test Date:2023-12-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.600m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:219.90V I:0.1490A P:31.950W PF:0.9710 Freq:50.00Hz Lamp Flux:3753.24x1 lm		
NAME: MZJ-Y020128A	TYPE: LED 4000K	WEIGHT: N/A
SPEC.: MZJ-Y020128A	DIM.: 1186*50MM	SERIAL No.: 37
MFR.:	SUR.: 1.17*0.05	Shielding Angle: N/A

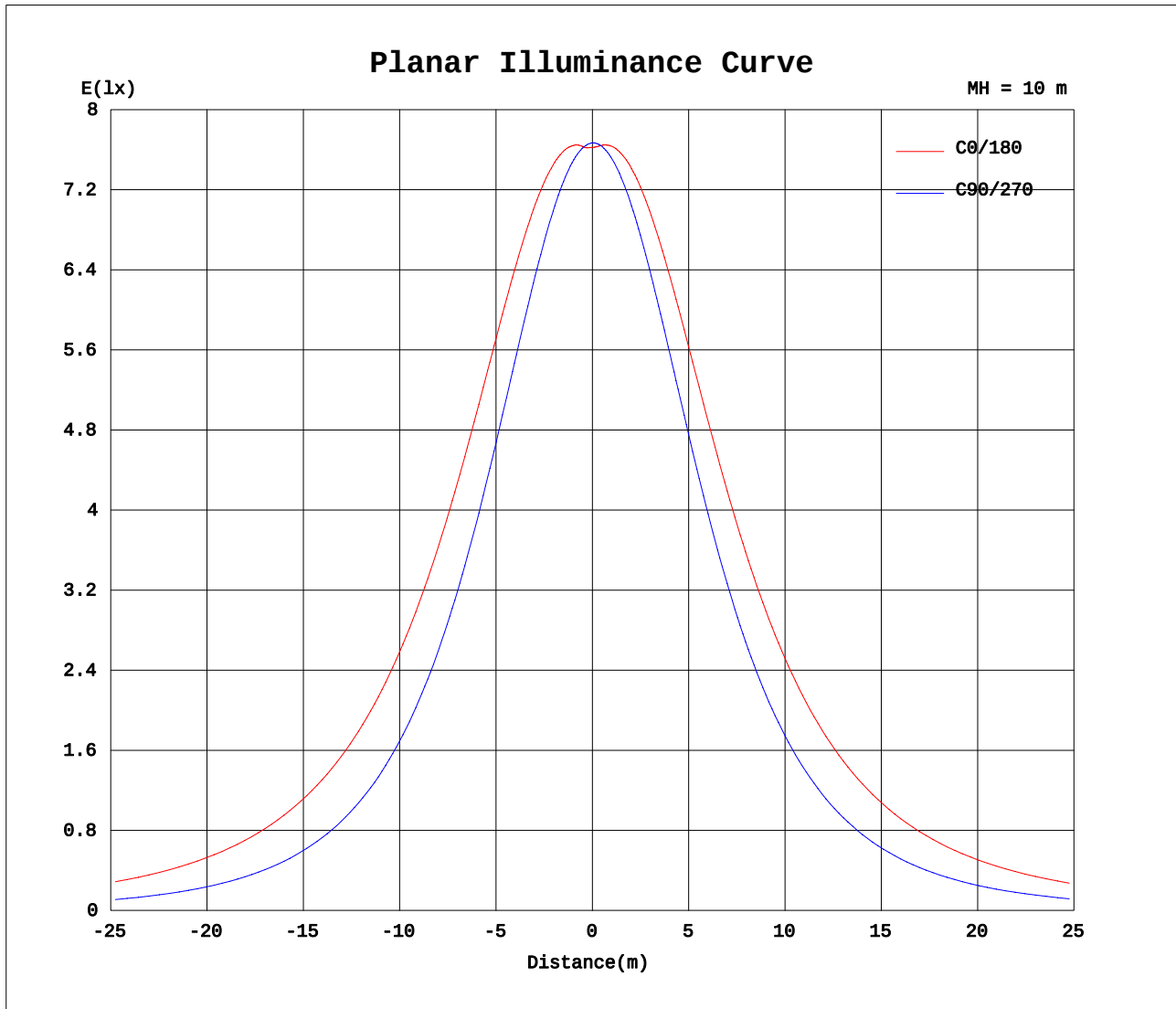
AvgL	cd/m2
L_0~180(65)av	22858
L_0~180(75)av	30501
L_0~180(85)av	70632
L_90~270(65)av	10309
L_90~270(75)av	8856
L_90~270(85)av	6097
L_45(65)av	18421
L_45(75)av	22994
L_45(85)av	48178

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WEIJIE
 Test Date:2023-12-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.600m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WEIJIE
Test Date: 2023-12-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 8.600m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.90V I:0.1490A P:31.950W PF:0.9710 Freq:50.00Hz Lamp Flux:3753.24x1 lm		
NAME: MZJ-Y020128A	TYPE: LED 4000K	WEIGHT: N/A
SPEC.: MZJ-Y020128A	DIM.: 1186*50MM	SERIAL No.: 37
MFR.:	SUR.: 1.17*0.05	Shielding Angle: N/A

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	762	764	765	767	767	765	762	764	765	767	767	765						
5	774	766	758	761	769	775	773	774	770	764	760	762						
10	788	777	752	748	765	781	785	781	769	753	754	773						
15	798	783	745	727	754	782	793	784	760	734	748	781						
20	802	783	732	699	737	776	794	780	746	709	736	783						
25	800	777	712	665	713	764	790	770	724	676	718	778						
30	792	766	687	625	684	747	779	754	697	638	695	768						
35	777	748	658	580	650	723	762	732	665	594	666	751						
40	757	724	623	531	611	694	740	705	628	546	633	729						
45	731	696	584	479	568	661	713	672	586	494	595	701						
50	700	662	542	424	521	622	680	635	540	439	553	668						
55	664	624	496	367	470	579	642	593	491	382	508	631						
60	623	582	446	308	417	533	600	546	438	323	459	589						
65	578	535	395	247	361	482	552	497	383	262	408	544						
70	528	484	341	187	305	428	501	445	326	201	354	494						
75	475	431	286	127	249	375	448	391	268	141	299	442						
80	422	377	232	72.7	196	324	396	338	215	84.5	245	388						
85	371	324	181	26.9	149	278	349	293	167	35.3	194	336						
90	329	277	128	1.88	108	249	319	268	137	2.70	151	290						
95	309	251	105	2.14	90.1	230	303	253	125	2.07	126	263						
100	291	236	100	2.37	89.3	215	286	238	115	2.21	113	247						
105	273	220	102	2.21	92.5	202	267	222	106	1.91	106	231						
110	254	208	100	2.18	88.7	192	249	206	96.8	1.70	99.8	216						
115	234	196	85.8	2.21	81.6	180	230	190	88.0	1.68	90.1	201						
120	214	182	72.5	1.80	73.4	166	211	174	80.4	1.75	78.6	186						
125	196	164	60.5	1.88	65.0	151	185	157	73.1	1.91	67.3	167						
130	177	135	51.6	1.92	56.2	136	168	140	64.6	2.16	58.7	138						
135	157	110	45.8	2.08	47.8	119	143	122	55.2	2.48	50.8	116						
140	137	87.8	39.0	2.51	38.9	103	125	106	47.0	2.87	43.2	91.9						
145	118	71.3	34.6	2.81	32.0	84.9	97.6	89.4	37.9	3.23	36.4	76.0						
150	97.7	55.9	30.1	3.02	26.2	66.9	88.5	67.1	28.9	3.40	31.2	60.1						
155	78.8	43.0	24.9	3.34	16.8	47.1	69.7	51.6	20.7	3.53	26.5	45.8						
160	59.4	31.3	21.2	3.53	11.4	34.6	53.2	37.3	13.1	3.64	21.9	33.6						
165	37.6	22.3	16.2	3.64	5.75	19.5	35.0	22.8	6.99	3.69	17.7	24.2						
170	13.3	14.8	11.2	3.74	2.66	8.81	18.5	12.0	3.22	3.71	12.7	17.3						
175	4.79	7.55	6.54	3.80	2.45	2.26	4.44	3.00	2.38	3.71	7.82	9.56						
180	2.08	2.25	3.15	3.81	3.85	3.20	2.07	2.27	3.19	3.77	3.85	3.17						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WEIJIE
Test Date:2023-12-07

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
γ Test System:EVERFINE G0-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.600m [K=1.0000]
Remarks: